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# Transmisiones por Bandas

Las poleas para Bandas en V Martin satisfacen las aplicaciones más exigentes de la industria, y al mismo tiempo conservan la tradición Martin de proporcionar el mejor servicio cumpliendo con estándares de fabricación insuperables.

Comprometida totalmente en satisfacer las necesidades individuales de sus clientes, Martin Sprocket & Gear sirve a la industria con extensos inventarios, con la capacidad para satisfacer requerimientos de grandes cantidades y con la versatilidad para responder rápidamente en aplicaciones que necesiten poleas hechas sobre pedido.

Martin— Donde la confiabilidad es una tradición.

## FABRICACIONES SOBRE PEDIDO

POLEAS PARA CABLE

POLEA PARA BANDA PLANA

POLEA DOBLE CON RANURAS
Y PARA BANDA PLANA

POLEA POLY-V

POLEA PARA BANDA
TRANSPORTADORA

POLEA CON RUEDA LOCA

Tanto las poleas para bandas en V de Martin como las poleas para bandas de tiempo pueden ser fabricadas en diversos materiales para satisfacer aplicaciones especiales. Estos materiales incluyen Aluminio, Bronce, Hierro Dúctil, Acero, Acero inoxidable. Usted puede confiar en el servicio y la calidad de Martin.

# Nomenclatura de Poleas

## BUJE QD

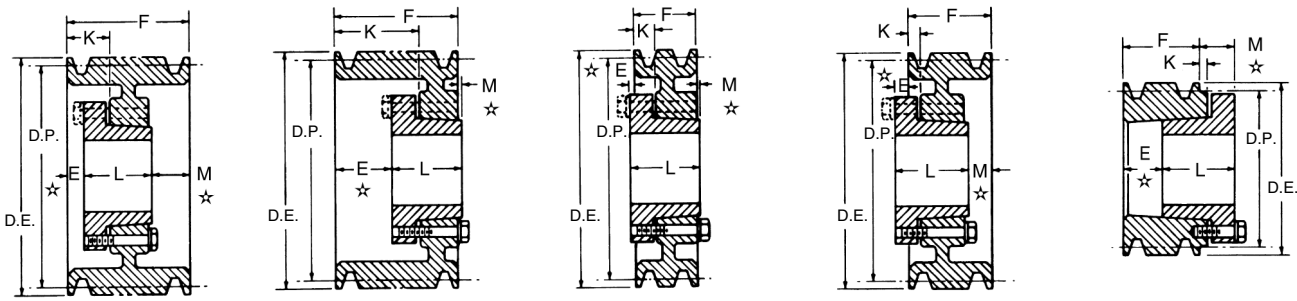
| ALTA CAPACIDAD | CONVENCIONAL |
|---|---|
| **2 3V 220 JA** | **12 D 580 P** |
| 2 — Número de Ranuras<br>3V — Sección de Banda<br>220 — 2.2" Diámetro Exterior<br>JA — Buje Requerido | 12 — Número de Ranuras<br>D — Sección de Banda<br>580 — 58.0" Diámetro de Paso<br>P — Buje Requerido |

## BUJE TAPER

| ALTA CAPACIDAD | CONVENCIONAL |
|---|---|
| **10 8V 5300 TB** | **1 B 34 TB** |
| 10 — Número de Ranuras<br>8V — Sección de Banda<br>5300 — 53.00" Diámetro Exterior<br>TB — Buje Taper Requerido | 1 — Número de Ranuras<br>B — Sección de Banda<br>34 — 3.4" Diámetro de Paso<br>TB — Buje Taper Requerido |

Llame a Martin para sus requerimientos de poleas hechas sobre pedido o de grandes cantidades.

# 3V Poleas QD de Alta Capacidad "Hi-Cap" en Existencia




En las siguientes tablas encontrará las dimensiones de las poleas Martin para buje QD. El tipo de la polea se indica con una letra seguida por un número que a su vez muestra el tipo de construcción de la polea de acuerdo con los dibujos que están en la página siguiente.

**Dimensiones en pulgadas, peso en libras**

| 1 Ranura* | | | | | | | | | | | 2 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 11/16 | | | | | | | | | | | F = 1 3/32 | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 1 3V 220 JA | 2.20 | 2.15 | E-1 | JA | 1 1/4 | 9/16 | 7/16 | 1 1/16 | 15/16 | .7 | 2 3V 220 JA | E-1 | JA | 1 1/4 | 31/32 | 7/16 | 1 1/16 | 15/16 | .9 |
| 1 3V 235 JA | 2.35 | 2.30 | E-1 | JA | 1 1/4 | 9/16 | 7/16 | 1 1/16 | 15/16 | .8 | 2 3V 235 JA | E-1 | JA | 1 1/4 | 31/32 | 7/16 | 1 1/16 | 15/16 | 1.0 |
| 1 3V 250 JA | 2.50 | 2.45 | E-1 | JA | 1 1/4 | 9/16 | 7/16 | 1 1/16 | 15/16 | .8 | 2 3V 250 JA | E-1 | JA | 1 1/4 | 31/32 | 7/16 | 1 1/16 | 15/16 | 1.2 |
| 1 3V 265 JA | 2.65 | 2.60 | C-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 0 | .9 | 2 3V 265 JA | D-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 13/32 | 1.3 |
| 1 3V 280 JA | 2.80 | 2.75 | C-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 0 | .9 | 2 3V 280 JA | D-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 13/32 | 1.4 |
| 1 3V 300 JA | 3.00 | 2.95 | C-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 0 | 1.0 | 2 3V 300 JA | D-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 13/32 | 1.6 |
| 1 3V 315 JA | 3.15 | 3.10 | C-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 0 | 1.0 | 2 3V 315 JA | D-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 13/32 | 1.8 |
| 1 3V 335 JA | 3.35 | 3.30 | C-1 | JA | 1 1/4 | 3/8 | 1/8 | 1 1/16 | 0 | 1.1 | 2 3V 335 SH | D-1 | SH | 1 11/16 | 27/64 | 9/64 | 1 5/16 | 13/64 | 2.0 |
| 1 3V 365 SH | 3.65 | 3.60 | D-1 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 1.3 | 2 3V 365 SH | D-1 | SH | 1 11/16 | 27/64 | 9/64 | 1 5/16 | 13/64 | 2.4 |
| 1 3V 412 SH | 4.12 | 4.07 | D-1 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 1.7 | 2 3V 412 SH | D-1 | SH | 1 11/16 | 9/32 | 9/32 | 1 5/16 | 1/16 | 2.7 |
| 1 3V 450 SH | 4.50 | 4.45 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 2.1 | 2 3V 450 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 2.9 |
| 1 3V 475 SH | 4.75 | 4.70 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 2.5 | 2 3V 475 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 3.1 |
| 1 3V 500 SH | 5.00 | 4.95 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 2.8 | 2 3V 500 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 3.6 |
| 1 3V 530 SH | 5.30 | 5.25 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 3.2 | 2 3V 530 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 4.5 |
| 1 3V 560 SH | 5.60 | 5.55 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 3.2 | 2 3V 560 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 5.0 |
| 1 3V 600 SH | 6.00 | 5.95 | D-2 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 3.5 | 2 3V 600 SH | D-1 | SH | 1 11/16 | 1/4 | 5/16 | 1 5/16 | 1/32 | 5.5 |
| 1 3V 650 SH | 6.50 | 6.45 | D-3 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 3.9 | 2 3V 650 SDS | D-3 | SDS | 2 | 5/16 | 5/16 | 1 3/8 | 1/32 | 5.8 |
| 1 3V 690 SH | 6.90 | 6.85 | D-3 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | 1/16 | 4.5 | 2 3V 690 SDS | D-3 | SDS | 2 | 5/16 | 5/16 | 1 3/8 | 1/32 | 6.6 |
| 1 3V 800 SDS | 8.00 | 7.95 | C-3 | SDS | 2 | 5/8 | 0 | 1 3/8 | 0 | 5.5 | 2 3V 800 SDS | D-3 | SDS | 2 | 5/16 | 5/16 | 1 3/8 | 1/32 | 7.0 |
| 1 3V 1060 SDS | 10.60 | 10.55 | C-3 | SDS | 2 | 5/8 | 0 | 1 3/8 | 0 | 8.0 | 2 3V 1060 SK | C-3 | SK | 2 5/8 | 7/16 | 1/4 | 1 15/16 | 13/32 | 10.0 |
| 1 3V 1400 SK | 14.00 | 13.95 | C-3 | SK | 2 5/8 | 11/16 | 0 | 1 15/16 | 0 | 13.5 | 2 3V 1400 SK | C-3 | SK | 2 5/8 | 7/16 | 1/4 | 1 15/16 | 13/32 | 16.0 |
| 1 3V 1900 SK | 19.00 | 18.95 | C-3 | SK | 2 5/8 | 11/16 | 0 | 1 15/16 | 0 | 17.0 | 2 3V 1900 SK | C-3 | SK | 2 5/8 | 7/16 | 1/4 | 1 15/16 | 13/32 | 25.0 |
| | 25.00 | 24.95 | | | | | | | | | 2 3V 2500 SF | C-3 | SF | 2 15/16 | 7/16 | 1/4 | 2 1/16 | 17/32 | 28.0 |

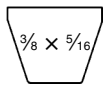
* F = 3/4" para la polea 1 3V 800 SDS y para la 1 3V 1060 SDS, F = 13/16" para la polea 1 3V 1400 SK y para la 1 3V 1900 SK

☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

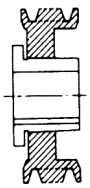


Regresar al Menú Principal | Regresar al Índice de la Sección D

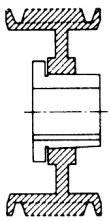
# Poleas QD de Alta Capacidad "Hi-Cap" en Existencia 3V



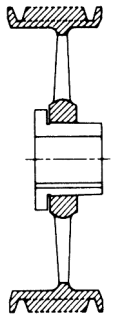

**3V**



**1 = SÓLIDA**



**2 = ALMA**



**3 = RAYOS**

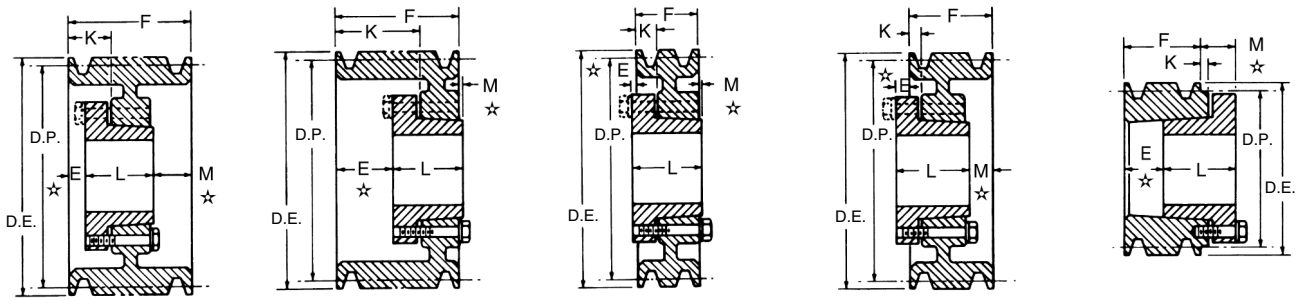
Permita que Martin le cotice poleas de fabricación especial y sus requerimientos de poleas en grandes cantidades.

**Dimensiones en pulgadas, peso en libras**

| 3 Ranuras | | | | | | | | | | | 4 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1½ | | | | | | | | | | | F = 1 29/32 | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 3 3V 250 JA | 2.50 | 2.45 | E-1 | JA | 1¼ | 1⅜ | 7/16 | 1 1/16 | 15/16 | 1.6 | | | | | | | | | |
| 3 3V 265 JA | 2.65 | 2.60 | D-1 | JA | 1¼ | ⅜ | ⅛ | 1 1/16 | 13/16 | 1.8 | 4 3V 265 JA | D-1 | JA | 1¼ | ⅜ | ⅛ | 1 1/16 | 1 7/32 | 1.3 |
| 3 3V 280 JA | 2.80 | 2.75 | D-1 | JA | 1¼ | ⅜ | ⅛ | 1 1/16 | 13/16 | 2.0 | 4 3V 280 JA | D-1 | JA | 1¼ | ⅜ | ⅛ | 1 1/16 | 1 7/32 | 1.6 |
| 3 3V 300 SH | 3.00 | 2.95 | E-1 | SH | 1 11/16 | 1 1/16 | 0 | 1 15/16 | 9/16 | 2.2 | 4 3V 300 SH | E-1 | SH | 1 11/16 | 1 15/32 | 5/16 | 1 5/16 | ⅞ | 1.9 |
| 3 3V 315 SH | 3.15 | 3.10 | E-1 | SH | 1 11/16 | 1 1/16 | 5/16 | 1 5/16 | ⅞ | 2.5 | 4 3V 315 SH | E-1 | SH | 1 11/16 | 1 15/32 | 5/16 | 1 5/16 | ⅞ | 2.2 |
| 3 3V 335 SH | 3.35 | 3.30 | D-1 | SH | 1 11/16 | 7/16 | ⅛ | 1 5/16 | ⅝ | 2.8 | 4 3V 335 SH | D-1 | SH | 1 11/16 | 7/16 | ⅛ | 1 5/16 | 1 1/32 | 2.5 |
| 3 3V 365 SH | 3.65 | 3.60 | D-1 | SH | 1 11/16 | 7/16 | ⅛ | 1 5/16 | ⅝ | 3.0 | 4 3V 365 SH | D-1 | SH | 1 11/16 | 7/16 | ⅛ | 1 5/16 | 1 1/32 | 2.8 |
| 3 3V 412 SH | 4.12 | 4.07 | A-1 | SH | 1 11/16 | ⅛ | 11/16 | 1 5/16 | 1/16 | 3.3 | 4 3V 412 SH | A-1 | SH | 1 11/16 | ¼ | 13/16 | 1 5/16 | 1 1/32 | 3.2 |
| 3 3V 450 SDS | 4.50 | 4.45 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 3.5 | 4 3V 450 SDS | A-1 | SDS | 2 | 3/16 | 13/16 | 1⅜ | 1 1/32 | 3.5 |
| 3 3V 475 SDS | 4.75 | 4.70 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 3.7 | 4 3V 475 SDS | A-1 | SDS | 2 | 3/16 | 13/16 | 1⅜ | 1 1/32 | 4.0 |
| 3 3V 500 SDS | 5.00 | 4.95 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 4.0 | 4 3V 500 SDS | A-1 | SDS | 2 | 3/16 | 13/16 | 1⅜ | 1 1/32 | 4.5 |
| 3 3V 530 SDS | 5.30 | 5.25 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 4.3 | 4 3V 530 SDS | A-1 | SDS | 2 | 3/16 | 13/16 | 1⅜ | 1 1/32 | 5.0 |
| 3 3V 560 SDS | 5.60 | 5.55 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 4.9 | 4 3V 560 SDS | A-1 | SDS | 2 | 3/16 | 13/16 | 1⅜ | 1 1/32 | 5.7 |
| 3 3V 600 SDS | 6.00 | 5.95 | A-1 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 5.9 | 4 3V 600 SK | D-1 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 7.5 |
| 3 3V 650 SDS | 6.50 | 6.45 | A-3 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 6.3 | 4 3V 650 SK | A-1 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 8.0 |
| 3 3V 690 SDS | 6.90 | 6.85 | A-3 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 1/16 | 6.8 | 4 3V 690 SK | A-1 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 10.0 |
| 3 3V 800 SK | 8.00 | 7.95 | C-2 | SK | 2⅝ | 7/16 | ¼ | 1 15/16 | 0 | 10.6 | 4 3V 800 SK | D-2 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 12.0 |
| 3 3V 1060 SK | 10.60 | 10.55 | C-3 | SK | 2⅝ | 7/16 | ¼ | 1 15/16 | 0 | 12.0 | 4 3V 1060 SK | D-3 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 16.0 |
| 3 3V 1400 SK | 14.00 | 13.95 | C-3 | SK | 2⅝ | 7/16 | ¼ | 1 15/16 | 0 | 20.0 | 4 3V 1400 SK | D-3 | SK | 2⅝ | 1/16 | ⅝ | 1 15/16 | 1/32 | 22.0 |
| 3 3V 1900 SF | 19.00 | 18.95 | C-3 | SF | 2 15/16 | 7/16 | ¼ | 2 1/16 | ⅛ | 33.0 | 4 3V 1900 SF | C-3 | SF | 2 15/16 | 1/16 | ⅝ | 2 1/16 | 3/32 | 37.0 |
| 3 3V 2500 SF | 25.00 | 24.95 | C-3 | SF | 2 15/16 | 7/16 | ¼ | 2 1/16 | ⅛ | 45.0 | 4 3V 2500 SF | C-3 | SF | 2 15/16 | 1/16 | ⅝ | 2 1/16 | 3/32 | 53.0 |
| 3 3V 3350 SF | 33.50 | 33.45 | C-3 | SF | 2 15/16 | 7/16 | ¼ | 2 1/16 | ⅛ | 75.0 | 4 3V 3350 E | C-3 | E | 3½ | ⅜ | ½ | 2⅝ | 1 1/32 | 80.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

# 3V Poleas QD de Alta Capacidad "Hi-Cap" en Existencia




TIPO A TIPO B TIPO C TIPO D TIPO E

**Dimensiones en pulgadas, peso en libras**

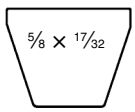
| 5 Ranuras F = 2 5/16 | | | | | | | | | | | 6 Ranuras F = 2 23/32 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 5 3V 475 SDS | 4.75 | 4.70 | A-2 | SDS | 2 | 3/16 | 13/16 | 1 3/8 | 3/4 | 4.5 | 6 3V 475 SK | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 1 11/32 | 6.0 |
| 5 3V 500 SDS | 5.00 | 4.95 | A-2 | SDS | 2 | 3/16 | 13/16 | 1 3/8 | 3/4 | 5.3 | 6 3V 500 SK | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 1 11/32 | 6.5 |
| 5 3V 530 SK | 5.30 | 5.25 | A-1 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 5.8 | 6 3V 530 SK | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 5/32 | 6.8 |
| 5 3V 560 SK | 5.60 | 5.55 | A-1 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 7.0 | 6 3V 560 SK | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 5/32 | 8.0 |
| 5 3V 600 SK | 6.00 | 5.95 | A-1 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 8.3 | 6 3V 600 SK | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 5/32 | 9.0 |
| 5 3V 650 SK | 6.50 | 6.45 | A-1 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 9.0 | 6 3V 650 SK | A-2 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 5/32 | 10.0 |
| 5 3V 690 SK | 6.90 | 6.85 | A-1 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 12.0 | 6 3V 690 SK | A-2 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 5/32 | 11.5 |
| 5 3V 800 SK | 8.00 | 7.95 | A-2 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 13.0 | 6 3V 800 SK | A-2 | SK | 2 5/8 | 3/16 | 7/8 | 1 15/16 | 19/32 | 17.0 |
| 5 3V 1060 SK | 10.60 | 10.55 | A-3 | SK | 2 5/8 | 1/4 | 15/16 | 1 15/16 | 1/8 | 17.0 | 6 3V 1060 SF | A-2 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 15/32 | 25.0 |
| 5 3V 1400 SF | 14.00 | 13.95 | A-3 | SK | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 1/16 | 27.0 | 6 3V 1400 SF | A-3 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 15/32 | 34.0 |
| 5 3V 1900 SF | 19.00 | 18.95 | A-3 | SK | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 1/16 | 40.0 | 6 3V 1900 E | B-3 | E | 3 1/2 | 1/8 | 1 | 2 5/8 | 1/32 | 45.0 |
| 5 3V 2500 E | 25.00 | 24.95 | C-3 | E | 3 1/2 | 1/4 | 5/8 | 2 5/8 | 1/16 | 69.0 | 6 3V 2500 E | B-3 | E | 3 1/2 | 1/8 | 1 | 2 5/8 | 1/32 | 75.0 |
| 5 3V 3350 E | 33.50 | 33.45 | C-3 | E | 3 1/2 | 1/4 | 5/8 | 2 5/8 | 1/16 | 97.0 | 6 3V 3350 E | B-3 | E | 3 1/2 | 1/8 | 1 | 2 5/8 | 1/32 | 98.0 |

**Dimensiones en pulgadas, peso en libras**

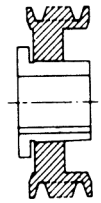
| 8 Ranuras F = 3 17/32 | | | | | | | | | | | 10 Ranuras F = 4 11/32 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 8 3V 475 SK | 4.75 | 4.70 | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 2 5/32 | 6.0 | 10 3V 475 SK | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 2 31/32 | 7.0 |
| 8 3V 500 SK | 5.00 | 4.95 | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 2 5/32 | 6.9 | 10 3V 500 SK | D-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 2 31/32 | 8.6 |
| 8 3V 530 SK | 5.30 | 5.25 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 31/32 | 7.8 | 10 3V 530 SK | A-1 | SK | 2 5/8 | 3/4 | 1 7/16 | 1 15/16 | 1 21/32 | 9.0 |
| 8 3V 560 SK | 5.60 | 5.55 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 31/32 | 9.0 | 10 3V 560 SK | A-1 | SK | 2 5/8 | 3/4 | 1 7/16 | 1 15/16 | 1 21/32 | 10.0 |
| 8 3V 600 SK | 6.00 | 5.95 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 31/32 | 10.0 | 10 3V 600 SK | A-1 | SK | 2 5/8 | 3/4 | 1 7/16 | 1 15/16 | 1 21/32 | 11.0 |
| 8 3V 650 SK | 6.50 | 6.45 | A-2 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 31/32 | 12.9 | 10 3V 650 SK | A-2 | SK | 2 5/8 | 3/4 | 1 7/16 | 1 15/16 | 1 21/32 | 14.0 |
| 8 3V 690 SK | 6.90 | 6.85 | A-2 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 31/32 | 14.0 | 10 3V 690 SK | A-2 | SK | 2 5/8 | 3/4 | 1 7/16 | 1 15/16 | 1 21/32 | 16.0 |
| 8 3V 800 SF | 8.00 | 7.95 | A-1 | SF | 2 15/16 | 7/16 | 1 1/8 | 2 1/16 | 1 1/32 | 20.0 | 10 3V 800 SF | A-1 | SF | 2 15/16 | 13/16 | 1 1/2 | 2 1/16 | 1 15/32 | 22.0 |
| 8 3V 1060 SF | 10.60 | 10.55 | A-2 | SF | 2 15/16 | 7/16 | 1 1/8 | 2 1/16 | 1 1/32 | 28.0 | 10 3V 1060 E | A-2 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 1 11/32 | 33.0 |
| 8 3V 1400 E | 14.00 | 13.95 | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 17/32 | 40.0 | 10 3V 1400 E | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 1 11/32 | 43.0 |
| 8 3V 1900 E | 19.00 | 18.95 | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 17/32 | 62.0 | 10 3V 1900 E | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 1 11/32 | 66.0 |
| 8 3V 2500 E | 25.00 | 24.95 | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 17/32 | 87.0 | 10 3V 2500 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 13/32 | 98.0 |
| 8 3V 3350 F | 33.50 | 33.45 | B-3 | F | 3 15/16 | 1/16 | 1 1/16 | 3 5/8 | 5/32 | 152.0 | 10 3V 3350 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 13/32 | 178.0 |

☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

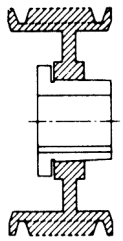
# Poleas QD de Alta Capacidad "Hi-Cap" en Existencia 5V



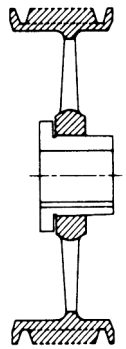

5V



1 = SÓLIDA



2 = ALMA



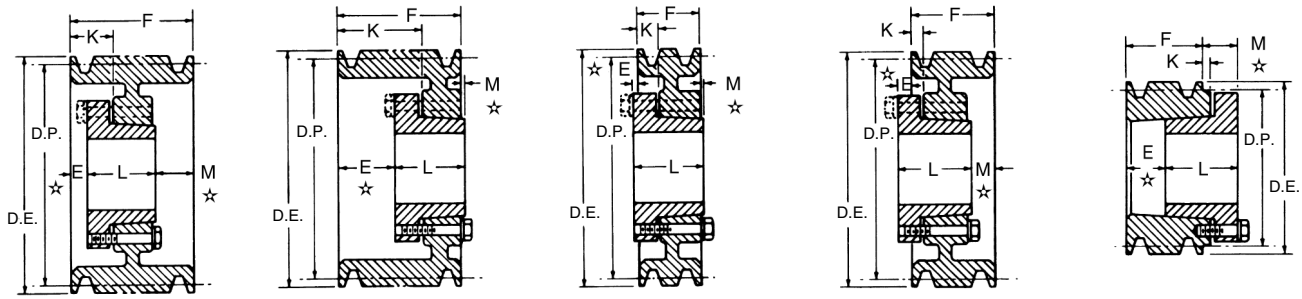
3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 2 Ranuras | | | | | | | | | | | 3 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1 11/16 | | | | | | | | | | | F = 2 3/8 | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 2 5V 440 SH | 4.40 | 4.30 | A-1 | SH | 1 11/16 | 5/16 | 7/8 | 1 5/16 | 1/16 | 4.0 | 3 5V 440 SDS | E-1 | SDS | 2 | 1 5/8 | 0 | 1 3/8 | 5/8 | 5.5 |
| 2 5V 465 SDS | 4.65 | 4.55 | E-1 | SDS | 2 | 15/16 | 0 | 1 3/8 | 5/8 | 4.5 | 3 5V 465 SDS | E-1 | SDS | 2 | 1 5/8 | 0 | 1 3/8 | 5/8 | 6.5 |
| 2 5V 490 SDS | 4.90 | 4.80 | A-1 | SDS | 2 | 1/16 | 11/16 | 1 3/8 | 1/4 | 5.0 | 3 5V 490 SDS | A-1 | SDS | 2 | 7/16 | 1 1/16 | 1 3/8 | 9/16 | 7.0 |
| 2 5V 520 SDS | 5.20 | 5.10 | A-1 | SDS | 2 | 1/16 | 11/16 | 1 3/8 | 1/4 | 5.5 | 3 5V 520 SDS | A-1 | SDS | 2 | 7/16 | 1 1/16 | 1 3/8 | 9/16 | 7.5 |
| 2 5V 550 SDS | 5.50 | 5.40 | A-1 | SDS | 2 | 1/16 | 11/16 | 1 3/8 | 1/4 | 6.0 | 3 5V 550 SDS | A-1 | SDS | 2 | 7/16 | 1 1/16 | 1 3/8 | 9/16 | 8.0 |
| 2 5V 590 SDS | 5.90 | 5.80 | A-1 | SDS | 2 | 1/16 | 11/16 | 1 3/8 | 1/4 | 7.0 | 3 5V 590 SDS | A-1 | SDS | 2 | 7/16 | 1 1/16 | 1 3/8 | 9/16 | 8.5 |
| 2 5V 630 SK | 6.30 | 6.20 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 8.0 | 3 5V 630 SK | A-1 | SK | 2 5/8 | 3/8 | 1 1/16 | 1 15/16 | 1/16 | 11.0 |
| 2 5V 670 SK | 6.70 | 6.60 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 10.0 | 3 5V 670 SK | A-1 | SK | 2 5/8 | 3/8 | 1 1/16 | 1 15/16 | 1/16 | 11.5 |
| 2 5V 710 SK | 7.10 | 7.00 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 11.0 | 3 5V 710 SF | A-1 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 13.0 |
| 2 5V 750 SK | 7.50 | 7.40 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 13.0 | 3 5V 750 SF | A-1 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 14.0 |
| 2 5V 800 SK | 8.00 | 7.90 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 14.0 | 3 5V 800 SF | A-1 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 15.0 |
| 2 5V 850 SK | 8.50 | 8.40 | C-1 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 15.0 | 3 5V 850 SF | A-1 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 16.0 |
| 2 5V 900 SK | 9.00 | 8.90 | C-2 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 16.0 | 3 5V 900 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 17.0 |
| 2 5V 925 SK | 9.25 | 9.15 | C-2 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 16.5 | 3 5V 925 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 18.0 |
| 2 5V 975 SK | 9.75 | 9.65 | C-3 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 17.0 | 3 5V 975 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 19.0 |
| 2 5V 1030 SK | 10.30 | 10.20 | C-3 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 18.0 | 3 5V 1030 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 22.0 |
| 2 5V 1090 SK | 10.90 | 10.80 | C-3 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 19.0 | 3 5V 1090 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 25.0 |
| 2 5V 1130 SK | 11.30 | 11.20 | C-3 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 19.5 | 3 5V 1130 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 25.0 |
| 2 5V 1180 SK | 11.80 | 11.70 | C-3 | SK | 2 5/8 | 1/4 | 7/16 | 1 15/16 | 0 | 20.0 | 3 5V 1180 SF | A-2 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | 0 | 29.0 |
| 2 5V 1250 SF | 12.50 | 12.40 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 25.0 | 3 5V 1250 E | C-2 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 32.0 |
| 2 5V 1320 SF | 13.20 | 13.10 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 27.0 | 3 5V 1320 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 38.0 |
| 2 5V 1400 SF | 14.00 | 13.90 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 28.0 | 3 5V 1400 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 43.0 |
| 2 5V 1500 SF | 15.00 | 14.90 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 30.0 | 3 5V 1500 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 44.0 |
| 2 5V 1600 SF | 16.00 | 15.90 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 34.0 | 3 5V 1600 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 46.0 |
| 2 5V 1870 SF | 18.70 | 18.60 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 49.0 | 3 5V 1870 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 60.0 |
| 2 5V 2120 SF | 21.20 | 21.10 | C-3 | SF | 2 15/16 | 1/4 | 7/16 | 2 1/16 | 1/8 | 50.0 | 3 5V 2120 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 68.0 |
| 2 5V 2360 E | 23.60 | 23.50 | C-3 | E | 3 1/2 | 5/8 | 1/4 | 2 5/8 | 5/16 | 72.0 | 3 5V 2360 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 80.0 |
| 2 5V 2800 E | 28.00 | 27.90 | C-3 | E | 3 1/2 | 5/8 | 1/4 | 2 5/8 | 5/16 | 80.0 | 3 5V 2800 E | C-3 | E | 3 1/2 | 1/8 | 3/4 | 2 5/8 | 1/8 | 92.0 |
| | 31.50 | 31.40 | | | | | | | | | 3 5V 3150 F | C-3 | F | 3 15/16 | 7/16 | 9/16 | 3 3/8 | 13/16 | 136.0 |
| | 37.50 | 37.40 | | | | | | | | | 3 5V 3750 F | C-3 | F | 3 15/16 | 7/16 | 9/16 | 3 3/8 | 13/16 | 156.0 |
| | 50.00 | 49.90 | | | | | | | | | 3 5V 5000 F | C-3 | F | 3 15/16 | 7/16 | 9/16 | 3 3/8 | 13/16 | 210.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

# 5V Poleas QD de Alta Capacidad "Hi-Cap" en Existencia

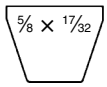



**Dimensiones en pulgadas, peso en libras**

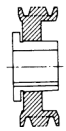
| 4 Ranuras F = 3 1/16 | | | | | | | | | | | 5 Ranuras F = 3 3/4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| *4 5V 440 SD | 4.40 | 4.30 | E-1 | SD | 2 | 1 7/8 | 0 | 1 13/16 | 5/8 | 5.0 | *5 5V 440 SD | E-1 | SD | 2 | 2 9/16 | 0 | 1 13/16 | 5/8 | 6.0 |
| *4 5V 465 SD | 4.65 | 4.55 | E-1 | SD | 2 | 1 7/8 | 0 | 1 13/16 | 5/8 | 6.0 | *5 5V 465 SD | E-1 | SD | 2 | 2 9/16 | 1 5/16 | 1 13/16 | 5/8 | 7.0 |
| *4 5V 490 SD | 4.90 | 4.80 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 9/16 | 7.0 | *5 5V 490 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 1/4 | 8.0 |
| *4 5V 520 SD | 5.20 | 5.10 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 9/16 | 8.0 | *5 5V 520 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 1/4 | 9.0 |
| *4 5V 550 SD | 5.50 | 5.40 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 9/16 | 9.0 | *5 5V 550 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 1/4 | 10.0 |
| *4 5V 590 SD | 5.90 | 5.80 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 9/16 | 10.8 | *5 5V 590 SK | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1 3/16 | 11.0 |
| *4 5V 630 SK | 6.30 | 6.20 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1/2 | 12.0 | *5 5V 630 SK | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1 3/16 | 12.0 |
| *4 5V 670 SK | 6.70 | 6.60 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1/2 | 14.0 | *5 5V 670 SF | A-1 | SF | 2 15/16 | 5/8 | 1 5/16 | 2 1/16 | 1 1/16 | 13.0 |
| *4 5V 710 SF | 7.10 | 7.00 | A-1 | SF | 2 15/16 | 3/8 | 1 1/16 | 2 1/16 | 5/8 | 15.0 | 5 5V 710 SF | A-1 | SF | 2 15/16 | 11/16 | 1 3/8 | 2 1/16 | 1 | 14.0 |
| *4 5V 750 SF | 7.50 | 7.40 | A-1 | SF | 2 15/16 | 3/8 | 1 1/16 | 2 1/16 | 5/8 | 16.0 | 5 5V 750 SF | A-1 | SF | 2 15/16 | 11/16 | 1 3/8 | 2 1/16 | 1 | 16.0 |
| 4 5V 800 E | 8.00 | 7.90 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 19.0 | 5 5V 800 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 19.0 |
| 4 5V 850 E | 8.50 | 8.40 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 23.0 | 5 5V 850 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 22.0 |
| 4 5V 900 E | 9.00 | 8.90 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 25.0 | 5 5V 900 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 26.0 |
| 4 5V 925 E | 9.25 | 9.15 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 26.0 | 5 5V 925 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 28.0 |
| 4 5V 975 E | 9.75 | 9.65 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 28.0 | 5 5V 975 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 30.0 |
| 4 5V 1030 E | 10.30 | 10.20 | B-1 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 30.0 | 5 5V 1030 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 33.0 |
| 4 5V 1090 E | 10.90 | 10.80 | B-2 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 39.0 | 5 5V 1090 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 41.0 |
| 4 5V 1130 E | 11.30 | 11.20 | B-2 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 40.0 | 5 5V 1130 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 42.0 |
| 4 5V 1180 E | 11.80 | 11.70 | B-2 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 41.0 | 5 5V 1180 E | A-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 44.0 |
| 4 5V 1250 E | 12.50 | 12.40 | B-3 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 43.0 | 5 5V 1250 E | A-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 45.0 |
| 4 5V 1320 E | 13.20 | 13.10 | B-3 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 45.0 | 5 5V 1320 E | A-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 46.0 |
| 4 5V 1400 E | 14.00 | 13.90 | B-3 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 46.0 | 5 5V 1400 E | A-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 47.0 |
| 4 5V 1500 E | 15.00 | 14.90 | B-3 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 47.0 | 5 5V 1500 E | A-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 53.0 |
| 4 5V 1600 E | 16.00 | 15.90 | B-3 | E | 3 1/2 | 9/16 | 1 7/16 | 2 5/8 | 1/8 | 49.0 | 5 5V 1600 E | A-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/4 | 56.0 |
| 4 5V 1870 E | 18.70 | 18.60 | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 1/16 | 71.0 | 5 5V 1870 F | B-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 3/16 | 96.0 |
| 4 5V 2120 E | 21.20 | 21.10 | A-3 | E | 3 1/2 | 3/8 | 1 1/4 | 2 5/8 | 1/16 | 72.0 | 5 5V 2120 F | B-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 3/16 | 98.0 |
| 4 5V 2360 F | 23.60 | 23.50 | C-3 | F | 3 15/16 | 1/8 | 7/8 | 3 5/8 | 7/16 | 111.0 | 5 5V 2360 F | B-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 3/16 | 120.0 |
| 4 5V 2800 F | 28.00 | 27.90 | C-3 | F | 3 15/16 | 1/8 | 7/8 | 3 5/8 | 7/16 | 118.0 | 5 5V 2800 F | B-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 3/16 | 135.0 |
| 4 5V 3150 F | 31.50 | 31.40 | C-3 | F | 3 15/16 | 1/8 | 7/8 | 3 5/8 | 7/16 | 146.7 | 5 5V 3150 J | C-3 | J | 4 1/2 | 3/16 | 1 | 4 1/2 | 9/16 | 188.0 |
| 4 5V 3750 F | 37.50 | 37.40 | C-3 | F | 3 15/16 | 1/8 | 7/8 | 3 5/8 | 7/16 | 178.0 | 5 5V 3750 J | C-3 | J | 4 1/2 | 3/16 | 1 | 4 1/2 | 9/16 | 224.0 |
| 4 5V 5000 J | 50.00 | 49.90 | C-3 | J | 4 1/2 | 1/2 | 11/16 | 4 1/2 | 15/16 | 266.0 | 5 5V 5000 J | C-3 | J | 4 1/2 | 3/16 | 1 | 4 1/2 | 9/16 | 308.0 |

☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.
* Con estas poleas se deberán usar solamente bandas 5VX.

# Poleas QD de Alta Capacidad "Hi-Cap" en Existencia 5V




5V



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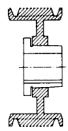

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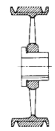


3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 6 Ranuras | | | | | | | | | | | 7 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 4 7/16 | | | | | | | | | | | F = 5 7/8 | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| *6 5V 440 SD | 4.40 | 4.30 | E-1 | SD | 2 | 3 1/4 | 0 | 1 13/16 | 5/8 | 7.0 | | | | | | | | | |
| *6 5V 465 SD | 4.65 | 4.55 | E-1 | SD | 2 | 3 1/4 | 0 | 1 13/16 | 5/8 | 7.8 | | | | | | | | | |
| *6 5V 490 SD | 4.90 | 4.80 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 15/16 | 9.0 | | | | | | | | | |
| *6 5V 520 SD | 5.20 | 5.10 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 15/16 | 10.8 | | | | | | | | | |
| *6 5V 550 SD | 5.50 | 5.40 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 15/16 | 11.3 | | | | | | | | | |
| *6 5V 590 SK | 5.90 | 5.80 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1 7/8 | 12.0 | | | | | | | | | |
| *6 5V 630 SK | 6.30 | 6.20 | A-1 | SK | 2 5/8 | 5/8 | 1 5/16 | 1 15/16 | 1 7/8 | 13.0 | | | | | | | | | |
| *6 5V 670 SF | 6.70 | 6.60 | A-1 | SF | 2 15/16 | 15/16 | 1 5/8 | 2 1/16 | 1 7/16 | 14.0 | | | | | | | | | |
| 6 5V 710 SF | 7.10 | 7.00 | A-1 | SF | 2 15/16 | 15/16 | 1 5/8 | 2 1/16 | 1 7/16 | 15.0 | 7 5V 710 SF | A-1 | SF | 2 15/16 | 15/16 | 1 5/8 | 2 1/16 | 2 1/8 | 17.0 |
| 6 5V 750 SF | 7.50 | 7.40 | A-1 | SF | 2 15/16 | 15/16 | 1 5/8 | 2 1/16 | 1 7/16 | 17.0 | 7 5V 750 SF | A-1 | SF | 2 15/16 | 15/16 | 1 5/8 | 2 1/16 | 2 1/8 | 19.0 |
| 6 5V 800 E | 8.00 | 7.90 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 20.0 | 7 5V 800 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 1 3/8 | 22.0 |
| 6 5V 850 E | 8.50 | 8.40 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 25.0 | 7 5V 850 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 1 3/8 | 26.0 |
| 6 5V 900 E | 9.00 | 8.90 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 28.0 | 7 5V 900 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 1 3/8 | 29.0 |
| 6 5V 925 E | 9.25 | 9.15 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 29.0 | 7 5V 925 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 1 3/8 | 33.0 |
| 6 5V 975 E | 9.75 | 9.65 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 31.0 | 7 5V 975 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 1 3/8 | 37.0 |
| 6 5V 1030 E | 10.30 | 10.20 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 33.0 | 7 5V 1030 F | B-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 49.0 |
| 6 5V 1090 E | 10.90 | 10.80 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 38.0 | 7 5V 1090 F | B-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 56.0 |
| 6 5V 1130 E | 11.30 | 11.20 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 41.0 | 7 5V 1130 F | B-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 61.0 |
| 6 5V 1180 E | 11.80 | 11.70 | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 11/16 | 43.0 | 7 5V 1180 F | B-2 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 56.0 |
| 6 5V 1250 F | 12.50 | 12.40 | B-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3 5/8 | 1/4 | 45.0 | 7 5V 1250 F | B-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 53.0 |
| 6 5V 1320 F | 13.20 | 13.10 | B-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3 5/8 | 1/4 | 48.0 | 7 5V 1320 F | B-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 52.0 |
| 6 5V 1400 F | 14.00 | 13.90 | B-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3 5/8 | 1/4 | 59.0 | 7 5V 1400 F | B-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 62.0 |
| 6 5V 1500 F | 15.00 | 14.90 | B-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3 5/8 | 1/4 | 64.0 | 7 5V 1500 F | B-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 67.0 |
| 6 5V 1600 F | 16.00 | 15.90 | B-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3 5/8 | 1/4 | 68.0 | 7 5V 1600 F | B-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1/8 | 77.0 |
| 6 5V 1870 F | 18.70 | 18.60 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1/2 | 83.8 | 7 5V 1870 F | A-3 | F | 3 15/16 | 3/8 | 1 5/16 | 3 5/8 | 1 1/8 | 99.0 |
| 6 5V 2120 F | 21.20 | 21.10 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1/2 | 110.0 | 7 5V 2120 J | C-3 | J | 4 1/2 | 3/16 | 1 5/16 | 4 1/2 | 7/16 | 138.0 |
| 6 5V 2360 J | 23.60 | 23.50 | B-3 | J | 4 1/2 | 1/8 | 1 5/16 | 4 1/2 | 3/16 | 148.0 | 7 5V 2330 J | C-3 | J | 4 1/2 | 3/16 | 1 5/16 | 4 1/2 | 7/16 | 174.0 |
| 6 5V 2800 J | 28.00 | 27.90 | B-3 | J | 4 1/2 | 1/8 | 1 5/16 | 4 1/2 | 3/16 | 169.0 | 7 5V 2800 J | C-3 | J | 4 1/2 | 3/16 | 1 5/16 | 4 1/2 | 7/16 | 169.0 |
| 6 5V 3150 J | 31.50 | 31.40 | B-3 | J | 4 1/2 | 1/8 | 1 5/16 | 4 1/2 | 3/16 | 206.0 | 7 5V 3150 J | C-3 | J | 4 1/2 | 3/16 | 1 5/16 | 4 1/2 | 7/16 | 241.0 |
| 6 5V 3750 J | 37.50 | 37.40 | B-3 | J | 4 1/2 | 1/8 | 1 5/16 | 4 1/2 | 3/16 | 241.0 | 7 5V 3750 M | C-3 | M | 5 1/2 | 9/16 | 1 15/16 | 6 3/4 | 2 3/16 | 300.0 |
| 6 5V 5000 M | 50.00 | 49.90 | C-3 | M | 5 1/2 | 1/8 | 1/2 | 6 3/4 | 1 3/8 | 388.0 | 7 5V 5000 M | C-3 | M | 5 1/2 | 7/16 | 1/2 | 6 3/4 | 3/4 | 408.0 |

**Dimensiones en pulgadas, pesos en libras**

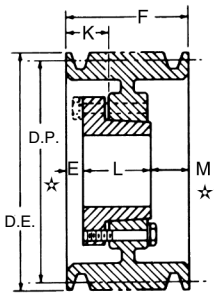
| 8 Ranuras | | | | | | | | | | | 9 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 5 13/16 | | | | | | | | | | | F = 6 1/2 | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 8 5V 710 SF | 7.10 | 7.00 | A-1 | SF | 2 15/16 | 1 7/16 | 2 1/8 | 2 1/16 | 2 5/16 | 19.0 | | | | | | | | | |
| 8 5V 750 SF | 7.50 | 7.40 | A-1 | SF | 2 15/16 | 1 7/16 | 2 1/8 | 2 1/16 | 2 5/16 | 20.0 | | | | | | | | | |
| 8 5V 800 E | 8.00 | 7.90 | A-1 | E | 3 1/2 | 1 5/8 | 2 1/2 | 2 5/8 | 1 9/16 | 25.0 | 9 5V 800 E | A-1 | E | 3 1/2 | 1 5/8 | 2 1/2 | 2 5/8 | 2 1/4 | 26.0 |
| 8 5V 850 E | 8.50 | 8.40 | A-1 | E | 3 1/2 | 1 5/8 | 2 1/2 | 2 5/8 | 1 9/16 | 29.0 | 9 5V 850 E | A-1 | E | 3 1/2 | 1 5/8 | 2 1/2 | 2 5/8 | 2 1/4 | 30.0 |
| 8 5V 900 E | 9.00 | 8.90 | A-1 | E | 3 1/2 | 1 5/8 | 2 1/2 | 2 5/8 | 1 9/16 | 32.0 | 9 5V 900 F | A-1 | F | 3 15/16 | 1 5/8 | 2 1/2 | 2 5/8 | 2 1/4 | 33.0 |
| 8 5V 925 F | 9.25 | 9.15 | A-1 | F | 3 1/2 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 39.0 | 9 5V 925 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 33.0 |
| 8 5V 975 F | 9.75 | 9.65 | A-1 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 42.0 | 9 5V 975 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 45.0 |
| 8 5V 1030 F | 10.30 | 10.20 | A-1 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 52.0 | 9 5V 1030 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 54.0 |
| 8 5V 1090 F | 10.90 | 10.80 | A-1 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 59.0 | 9 5V 1090 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 62.0 |
| 8 5V 1130 F | 11.30 | 11.20 | A-1 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 62.0 | 9 5V 1130 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 67.0 |
| 8 5V 1180 F | 11.80 | 11.70 | A-1 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 64.0 | 9 5V 1180 F | A-1 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 73.0 |
| 8 5V 1250 F | 12.50 | 12.40 | A-3 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 66.0 | 9 5V 1250 J | A-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 61.0 |
| 8 5V 1320 F | 13.20 | 13.10 | A-3 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 68.0 | 9 5V 1320 J | A-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 60.0 |
| 8 5V 1400 F | 14.00 | 13.90 | A-3 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 70.0 | 9 5V 1400 J | A-3 | F | 3 15/16 | 1 5/8 | 2 9/16 | 3 5/8 | 1 1/4 | 70.0 |
| 8 5V 1500 F | 15.00 | 14.90 | A-3 | F | 3 15/16 | 1 9/16 | 2 9/16 | 3 5/8 | 5/8 | 73.0 | 9 5V 1500 J | B-2 | J | 4 1/2 | 2 7/16 | 3 9/16 | 4 1/2 | 7/16 | 95.0 |
| 8 5V 1600 F | 16.00 | 15.90 | A-3 | F | 3 15/16 | 1 9/16 | 1 9/16 | 3 5/8 | 5/8 | 89.0 | 9 5V 1600 J | B-2 | J | 4 1/2 | 2 7/16 | 3 9/16 | 4 1/2 | 7/16 | 103.0 |
| 8 5V 1870 J | 18.70 | 18.60 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 15/16 | 132.0 | 9 5V 1870 J | A-3 | J | 4 1/2 | 7/16 | 1 9/16 | 4 1/2 | 1 9/16 | 140.0 |
| 8 5V 2120 J | 21.20 | 21.10 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 15/16 | 150.0 | 9 5V 2120 J | A-3 | J | 4 1/2 | 7/16 | 1 9/16 | 4 1/2 | 1 9/16 | 152.0 |
| 8 5V 2360 J | 23.60 | 23.50 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 15/16 | 162.0 | 9 5V 2360 M | A-3 | J | 4 1/2 | 7/16 | 1 9/16 | 4 1/2 | 1 9/16 | 176.0 |
| 8 5V 2800 J | 28.00 | 27.90 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 15/16 | 191.0 | 9 5V 2800 M | B-3 | M | 5 1/2 | 9/16 | 1 15/16 | 6 3/4 | 13/16 | 265.0 |
| 8 5V 3150 M | 31.50 | 31.40 | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 7/16 | 298.0 | 9 5V 3150 M | B-3 | M | 5 1/2 | 9/16 | 1 15/16 | 6 3/4 | 13/16 | 313.0 |
| 8 5V 3750 M | 37.50 | 37.40 | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 7/16 | 319.0 | 9 5V 3750 M | B-3 | M | 5 1/2 | 9/16 | 1 15/16 | 6 3/4 | 13/16 | 409.0 |
| 8 5V 5000 M | 50.00 | 49.90 | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 7/16 | 497.0 | 9 5V 5000 M | B-3 | M | 5 1/2 | 9/16 | 1 15/16 | 6 3/4 | 13/16 | 483.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.
* Con estas poleas se deberá

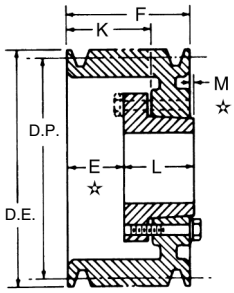


Regresar al Menú Principal
Regresar al Índice de la Sección D

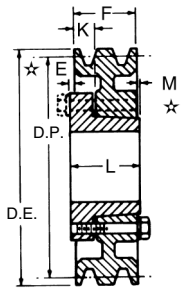
# 5V Poleas QD de Alta Capacidad "Hi-Cap" en Existencia



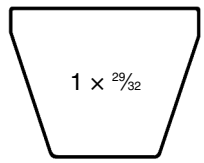

TIPO A



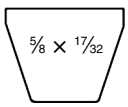

TIPO B



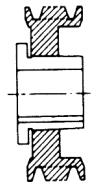

TIPO C



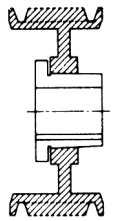

8V



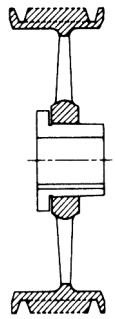

5V



1 = SOLIDA



2 = ALMA



3 = RAYOS

**Dimensiones en pulgadas, pesos en libras**

| 10 Ranuras | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| F = 7 3/16 | | | | | | | | | | |
| No. de Parte | Díametro DE | Díametro Paso 5V | Parte | Tipo | Barreno Máximo del Buje | Buje | E | Largo Total del K | Barreno | Peso sin M |
| 10 5V 800 E | 8.00 | 7.90 | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 2 3/16 | 27.0 |
| 10 5V 850 E | 8.50 | 8.40 | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 2 3/16 | 32.0 |
| 10 5V 900 E | 9.00 | 8.90 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 41.0 |
| 10 5V 925 F | 9.25 | 9.15 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 47.0 |
| 10 5V 975 F | 9.75 | 9.65 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 58.0 |
| 10 5V 1030 F | 10.30 | 10.20 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 66.0 |
| 10 5V 1090 F | 10.90 | 10.80 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 75.0 |
| 10 5V 1130 F | 11.30 | 11.20 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 79.0 |
| 10 5V 1180 F | 11.80 | 11.70 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅜ | 1¼ | 80.0 |
| 10 5V 1250 J | 12.50 | 12.40 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 5/16 | 82.0 |
| 10 5V 1320 J | 13.20 | 13.10 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 5/16 | 85.0 |
| 10 5V 1400 J | 14.00 | 13.90 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 5/16 | 90.0 |
| 10 5V 1500 J | 15.00 | 14.90 | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 5/16 | 92.0 |
| 10 5V 1600 J | 16.00 | 15.90 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 5/16 | 102.0 |
| 10 5V 1870 J | 18.70 | 18.60 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2 3/16 | 150.0 |
| 10 5V 2120 J | 21.20 | 21.10 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2 3/16 | 164.0 |
| 10 5V 2360 M | 23.60 | 23.50 | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1/16 | 258.0 |
| 10 5V 2800 M | 28.00 | 27.90 | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1/16 | 278.0 |
| 10 5V 3150 M | 31.50 | 31.40 | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1/16 | 318.0 |
| 10 5V 3750 M | 37.50 | 37.40 | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1/16 | 340.0 |
| 10 5V 5000 M | 50.00 | 49.90 | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1/16 | 538.0 |

✯ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes.

# Poleas QD de Alta Capacidad "Hi-Cap" en Existencia 8V

**Dimensiones en pulgadas, peso en libras**

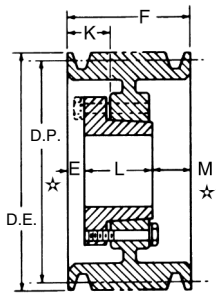
| 4 Ranuras F = 4⅞ | | | | | | | | | | | 5 Ranuras F = 6 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 4 8V 1250 F | 12.50 | 12.30 | A-1 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 63.0 | 5 8V 1250 F | A-1 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 1 1/16 | 68.0 |
| 4 8V 1320 F | 13.20 | 13.00 | A-2 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 66.0 | 5 8V 1320 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 1 1/16 | 75.0 |
| 4 8V 1400 F | 14.00 | 13.80 | A-2 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 70.0 | 5 8V 1400 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 1 1/16 | 78.0 |
| 4 8V 1500 F | 15.00 | 14.80 | A-2 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 74.0 | 5 8V 1500 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 1 1/16 | 94.0 |
| 4 8V 1600 F | 16.00 | 15.80 | A-2 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 82.0 | 5 8V 1600 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 1 1/16 | 101.0 |
| 4 8V 1700 F | 17.00 | 16.80 | A-3 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 94.0 | 5 8V 1700 J | A-3 | J | 4 1/2 | 13/16 | 2 | 4 1/2 | 11/16 | 111.0 |
| 4 8V 1800 F | 18.00 | 17.80 | A-3 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 99.0 | 5 8V 1800 J | A-3 | J | 4 1/2 | 13/16 | 2 | 4 1/2 | 11/16 | 130.0 |
| 4 8V 1900 F | 19.00 | 18.80 | A-3 | F | 3 15/16 | 3/16 | 1 3/16 | 3 3/8 | 1 1/16 | 105.0 | 5 8V 1900 J | A-3 | J | 4 1/2 | 13/16 | 2 | 4 1/2 | 11/16 | 135.0 |
| 4 8V 2000 J | 20.00 | 19.80 | A-3 | J | 4 1/2 | 1/4 | 1 7/16 | 4 1/2 | 1/8 | 141.0 | 5 8V 2000 J | A-3 | J | 4 1/2 | 13/16 | 2 | 4 1/2 | 11/16 | 152.0 |
| 4 8V 2120 J | 21.20 | 21.00 | A-3 | J | 4 1/2 | 1/4 | 1 7/16 | 4 1/2 | 1/8 | 150.0 | 5 8V 2120 J | A-3 | J | 4 1/2 | 13/16 | 2 | 4 1/2 | 11/16 | 153.0 |
| 4 8V 2240 J | 22.40 | 22.20 | A-3 | J | 4 1/2 | 1/4 | 1 7/16 | 4 1/2 | 1/8 | 177.0 | 5 8V 2240 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 1/4 | 223.0 |
| 4 8V 2480 M | 24.80 | 24.60 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 223.0 | 5 8V 2480 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 1/4 | 234.0 |
| 4 8V 3000 M | 30.00 | 29.80 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 285.0 | 5 8V 3000 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 1/4 | 294.0 |
| 4 8V 3550 M | 35.50 | 35.30 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 305.0 | 5 8V 3550 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 1/4 | 325.0 |
| 4 8V 4000 M | 40.00 | 39.80 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 355.0 | 5 8V 4000 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1 1/4 | 430.0 |
| 4 8V 4450 M | 44.50 | 44.30 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 369.0 | 5 8V 4450 N | C-3 | N | 6 | 13/16 | 15/16 | 8 1/8 | 1 5/16 | 485.0 |
| 4 8V 5300 M | 53.00 | 52.80 | C-3 | M | 5 1/2 | 5/8 | 13/16 | 6 3/4 | 1 1/4 | 478.0 | 5 8V 5300 N | C-3 | N | 6 | 13/16 | 15/16 | 8 1/8 | 1 5/16 | 672.0 |

**Dimensiones en pulgadas, peso en libras**

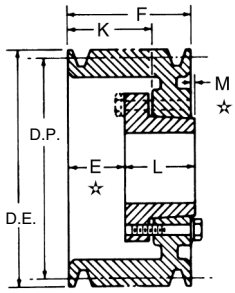
| 6 Ranuras F = 7⅛ | | | | | | | | | | | 8 Ranuras F = 9⅜ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 6 8V 1250 F | 12.50 | 12.30 | A-1 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 2 3/16 | 86.0 | 8 8V 1250 J | A-1 | J | 4 1/2 | 2 3/8 | 3 9/16 | 4 1/2 | 2 1/2 | 108.0 |
| 6 8V 1320 F | 13.20 | 13.00 | A-1 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 2 3/16 | 94.0 | 8 8V 1320 J | A-1 | J | 4 1/2 | 2 3/8 | 3 9/16 | 4 1/2 | 2 1/2 | 118.0 |
| 6 8V 1400 F | 14.00 | 13.80 | A-1 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3 3/8 | 2 3/16 | 108.0 | 8 8V 1400 J | A-1 | J | 4 1/2 | 2 3/8 | 3 9/16 | 4 1/2 | 2 1/2 | 131.0 |
| 6 8V 1500 J | 15.00 | 14.80 | A-1 | J | 4 1/2 | 1 3/8 | 2 9/16 | 4 1/2 | 1 1/4 | 138.0 | 8 8V 1500 J | A-1 | J | 4 1/2 | 2 3/8 | 3 9/16 | 4 1/2 | 2 1/2 | 151.0 |
| 6 8V 1600 J | 16.00 | 15.80 | A-1 | J | 4 1/2 | 1 3/8 | 2 9/16 | 4 1/2 | 1 1/4 | 142.0 | 8 8V 1600 J | A-1 | J | 4 1/2 | 2 3/8 | 3 9/16 | 4 1/2 | 2 1/2 | 155.0 |
| 6 8V 1700 J | 17.00 | 16.80 | A-2 | J | 4 1/2 | 1 3/8 | 2 9/16 | 4 1/2 | 1 1/4 | 144.0 | 8 8V 1700 M | A-2 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 188.0 |
| 6 8V 1800 J | 18.00 | 17.80 | A-2 | J | 4 1/2 | 1 3/8 | 2 9/16 | 4 1/2 | 1 1/4 | 160.0 | 8 8V 1800 M | A-2 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 202.0 |
| 6 8V 1900 J | 19.00 | 18.80 | A-2 | J | 4 1/2 | 1 3/8 | 2 9/16 | 4 1/2 | 1 1/4 | 172.0 | 8 8V 1900 M | A-2 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 221.0 |
| 6 8V 2000 M | 20.00 | 19.80 | B-2 | M | 5 1/2 | 1 1/2 | 2 15/16 | 6 3/4 | 1 1/8 | 204.0 | 8 8V 2000 M | A-2 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 236.0 |
| 6 8V 2120 M | 21.20 | 21.00 | B-2 | M | 5 1/2 | 1 1/2 | 2 15/16 | 6 3/4 | 1 1/8 | 226.0 | 8 8V 2120 M | A-2 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 267.0 |
| 6 8V 2240 M | 22.40 | 22.20 | B-3 | M | 5 1/2 | 1 1/2 | 2 15/16 | 6 3/4 | 1 1/8 | 235.0 | 8 8V 2240 M | A-3 | M | 5 1/2 | 2 1/2 | 3 15/16 | 6 3/4 | 1/8 | 284.0 |
| 6 8V 2480 M | 24.80 | 24.60 | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 1/8 | 246.0 | 8 8V 2480 N | A-2 | N | 6 | 1/2 | 2 1/4 | 8 1/8 | 3/4 | 418.0 |
| 6 8V 3000 M | 30.00 | 29.80 | B-3 | M | 6 | 1/2 | 1 15/16 | 6 3/4 | 1/8 | 306.0 | 8 8V 3000 N | A-3 | N | 6 | 1/2 | 2 1/4 | 8 1/8 | 3/4 | 447.0 |
| 6 8V 3550 N | 35.50 | 35.30 | C-3 | N | 6 | 5/8 | 1 1/8 | 8 1/8 | 3/8 | 466.0 | 8 8V 3550 N | A-3 | N | 6 | 1/2 | 2 1/4 | 8 1/8 | 3/4 | 553.0 |
| 6 8V 4000 N | 40.00 | 39.80 | C-3 | N | 6 | 5/8 | 1 1/8 | 8 1/8 | 3/8 | 548.0 | 8 8V 4000 N | A-3 | N | 6 | 1/2 | 2 1/4 | 8 1/8 | 3/4 | 648.0 |
| 6 8V 4450 N | 44.50 | 44.30 | C-3 | N | 6 | 5/8 | 1 1/8 | 8 1/8 | 3/8 | 590.0 | 8 8V 4450 P | B-3 | P | 6 3/4 | 5/8 | 2 5/8 | 9 3/8 | 5/8 | 679.0 |
| 6 8V 5300 N | 53.00 | 52.80 | C-3 | N | 6 | 5/8 | 1 1/8 | 8 1/8 | 3/8 | 658.0 | 8 8V 5300 P | B-3 | P | 6 3/4 | 5/8 | 2 5/8 | 9 3/8 | 5/8 | 946.0 |
| 6 8V 6300 P | 63.00 | 62.80 | C-3 | P | 6 3/4 | 0 | 2 | 9 3/8 | 1 7/8 | 860.0 | 8 8V 6300 P | B-3 | P | 6 3/4 | 5/8 | 2 5/8 | 9 3/8 | 1/4 | 1372.0 |
| 6 8V 7100 P | 71.00 | 70.80 | B-3 | P | 6 3/4 | 0 | 2 | 9 3/8 | 1 7/8 | 1272.0 | 8 8V 7100 W | C-3 | W | 8 1/2 | 7/8 | 1 3/8 | 11 3/8 | 3/4 | 1680.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

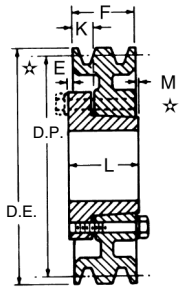
# 8V Poleas QD de Alta Capacidad "Hi-Cap" en Existencia



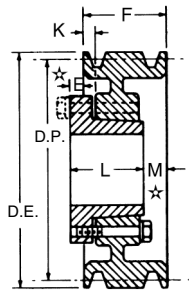

TIPO A



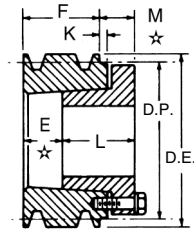

TIPO B



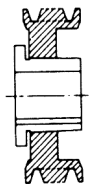

TIPO C



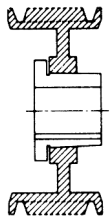

TIPO D



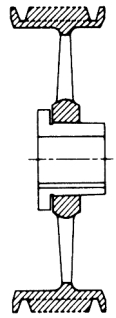

TIPO E



1 = SÓLIDA



2 = ALMA



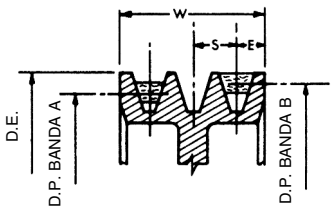
3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 10 Ranuras F = 11⅝ | | | | | | | | | | | 12 Ranuras F = 14 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Díametro DE | Díametro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 10 8V 1250 J | 12.50 | 12.30 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4¾ | 122.0 | 12 8V 1250 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 161.0 |
| 10 8V 1320 J | 13.20 | 13.00 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4¾ | 140.0 | 12 8V 1320 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 185.0 |
| 10 8V 1400 J | 14.00 | 13.80 | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4¾ | 152.0 | 12 8V 1400 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 211.0 |
| 10 8V 1500 M | 15.00 | 14.80 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 212.0 | 12 8V 1500 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 234.0 |
| 10 8V 1600 M | 16.00 | 15.80 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 219.0 | 12 8V 1600 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 285.0 |
| 10 8V 1700 M | 17.00 | 16.80 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 228.0 | 12 8V 1700 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 324.0 |
| 10 8V 1800 M | 18.00 | 17.80 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 236.0 | 12 8V 1800 M | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 4⅝ | 330.0 |
| 10 8V 1900 M | 19.00 | 18.80 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 260.0 | 12 8V 1900 N | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 5¼ | 338.0 |
| 10 8V 2000 M | 20.00 | 19.80 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 280.0 | 12 8V 2000 N | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 5¼ | 365.0 |
| 10 8V 2120 M | 21.20 | 21.00 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2⅜ | 298.0 | 12 8V 2120 N | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 5¼ | 382.0 |
| 10 8V 2240 N | 22.40 | 22.20 | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 3 | 366.0 | 12 8V 2240 N | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 5¼ | 399.0 |
| 10 8V 2480 N | 24.80 | 24.60 | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 3 | 454.0 | 12 8V 2480 N | A-2 | N | 6 | ½ | 2¼ | 8⅛ | 5¼ | 454.0 |
| 10 8V 3000 N | 30.00 | 29.80 | A-3 | N | 6 | ½ | 2¼ | 8⅛ | 3 | 468.0 | 12 8V 3000 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 3⅞ | 605.0 |
| 10 8V 3550 P | 35.50 | 35.30 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 1⅝ | 784.0 | 12 8V 3550 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 3⅞ | 706.0 |
| 10 8V 4000 P | 40.00 | 39.80 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 1⅝ | 826.0 | 12 8V 4000 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 3⅞ | 766.0 |
| 10 8V 4450 P | 44.50 | 44.30 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 1⅝ | 996.0 | 12 8V 4450 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 3⅞ | 910.0 |
| 10 8V 5300 P | 53.00 | 52.80 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | ¼ | 1010.0 | 12 8V 5300 W | A-3 | W | 8½ | ⅝ | 2⅞ | 11⅜ | 2¼ | 1333.0 |
| 10 8V 6300 W | 63.00 | 62.80 | A-3 | W | 8½ | ⅝ | 2⅞ | 11⅜ | 0 | 1443.0 | 12 8V 6300 W | A-3 | W | 8½ | ⅝ | 2⅞ | 11⅜ | 2¼ | 1777.0 |
| 10 8V 7100 W | 71.00 | 70.80 | A-3 | W | 8½ | ⅝ | 2⅞ | 11⅜ | 0 | 1842.0 | 12 8V 7100 W | A-3 | W | 8½ | ⅝ | 2⅞ | 11⅜ | 2¼ | 2002.0 |

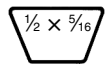
☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

# Poleas QD Convencionales de Ranura Combinable en Existencia A-B

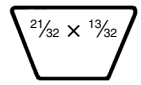



### Dimensiones de Ranuras Combinadas

| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "AB" | ½ | ¾ | D.P. "B" + .35 |




A




B

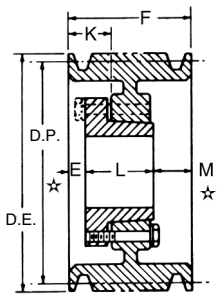
El dibujo muestra la posición de las bandas "A" y "B" en la ranura cuando son utilizadas con poleas QD.

**Dimensiones en pulgadas, peso en libras**

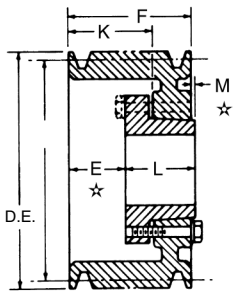
| 1 Ranuras | | | | | | | | | | | | 2 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = ⅞ a 1 B 64 SDS / F = 1 otros | | | | | | | | | | | | F = 1¾ | | | | | | | | |
| No. de Parte | DP Banda A | DP Paso B | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 1 B 34 SH | 3.0 | 3.4 | 3.75 | D-1 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | ⅛ | 1.2 | 2 B 34 SH | E-1 | SH | 1 11/16 | 1 | 0 | 1 5/16 | 9/16 | 1.0 |
| 1 B 36 SH | 3.2 | 3.6 | 3.95 | D-1 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | ⅛ | 1.3 | 2 B 36 SH | D-1 | SH | 1 11/16 | ⅜ | 3/16 | 1 5/16 | 13/16 | 1.4 |
| 1 B 38 SH | 3.4 | 3.8 | 4.15 | D-1 | SH | 1 11/16 | 9/16 | 0 | 1 5/16 | ⅛ | 1.6 | 2 B 38 SH | D-1 | SH | 1 11/16 | ⅜ | 3/16 | 1 5/16 | 13/16 | 1.8 |
| 1 B 40 SH | 3.6 | 4.0 | 4.35 | C-1 | SH | 1 11/16 | ¼ | 5/16 | 1 5/16 | 3/16 | 1.8 | 2 B 40 SH | A-1 | SH | 1 11/16 | ⅛ | 11/16 | 1 5/16 | 5/16 | 2.0 |
| 1 B 42 SH | 3.8 | 4.2 | 4.55 | C-1 | SH | 1 11/16 | ¼ | 5/16 | 1 5/16 | 3/16 | 2.0 | 2 B 42 SH | A-1 | SH | 1 11/16 | ⅛ | 11/16 | 1 5/16 | 5/16 | 2.5 |
| 1 B 44 SH | 4.0 | 4.4 | 4.75 | C-1 | SH | 1 11/16 | ¼ | 5/16 | 1 5/16 | 3/16 | 2.2 | 2 B 44 SH | A-1 | SH | 1 11/16 | ⅛ | 11/16 | 1 5/16 | 5/16 | 2.8 |
| 1 B 46 SDS | 4.2 | 4.6 | 4.95 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 2.4 | 2 B 46 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 4.8 |
| 1 B 48 SDS | 4.4 | 4.8 | 5.15 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 2.6 | 2 B 48 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 5.0 |
| 1 B 50 SDS | 4.6 | 5.0 | 5.35 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 3.0 | 2 B 50 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 5.4 |
| 1 B 52 SDS | 4.8 | 5.2 | 5.55 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 3.4 | 2 B 52 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 5.6 |
| 1 B 54 SDS | 5.0 | 5.4 | 5.75 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 3.8 | 2 B 54 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 5.8 |
| 1 B 56 SDS | 5.2 | 5.6 | 5.95 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 4.0 | 2 B 56 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 6.0 |
| 1 B 58 SDS | 5.4 | 5.8 | 6.15 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 4.4 | 2 B 58 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 7.0 |
| 1 B 60 SDS | 5.6 | 6.0 | 6.35 | C-1 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 4.6 | 2 B 60 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 7.5 |
| 1 B 62 SDS | 5.8 | 6.2 | 6.55 | C-2 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 4.8 | 2 B 62 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 7.8 |
| 1 B 64 SDS | 6.0 | 6.4 | 6.75 | C-2 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 5.0 | 2 B 64 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 8.0 |
| 1 B 66 SDS | 6.2 | 6.6 | 6.95 | C-2 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 5.4 | 2 B 66 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 9.0 |
| 1 B 68 SDS | 6.4 | 6.8 | 7.15 | C-2 | SDS | 2 | 5/16 | 5/16 | 1⅜ | 3/16 | 5.6 | 2 B 68 SDS | A-2 | SDS | 2 | 1/16 | 11/16 | 1⅜ | 5/16 | 9.5 |
| 1 B 70 SDS | 6.6 | 7.0 | 7.35 | C-2 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 6.0 | 2 B 70 SK | D-2 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 9.8 |
| 1 B 74 SDS | 7.0 | 7.4 | 7.75 | C-2 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 6.3 | 2 B 74 SK | D-2 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 11.0 |
| 1 B 80 SDS | 7.6 | 8.0 | 8.35 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 6.6 | 2 B 80 SK | D-2 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 12.0 |
| 1 B 86 SDS | 8.2 | 8.6 | 8.95 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 7.0 | 2 B 86 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 13.0 |
| 1 B 94 SDS | 9.0 | 9.4 | 9.75 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 8.0 | 2 B 94 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 14.0 |
| 1 B 110 SDS | 10.6 | 11.0 | 11.35 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 10.0 | 2 B 110 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 15.0 |
| 1 B 124 SDS | 12.0 | 12.4 | 12.75 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 12.0 | 2 B 124 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 17.0 |
| 1 B 136 SDS | 13.2 | 13.6 | 13.95 | C-3 | SDS | 2 | ½ | ⅛ | 1⅜ | ⅛ | 14.0 | 2 B 136 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 19.0 |
| 1 B 154 SK | 15.0 | 15.4 | 15.75 | C-3 | SK | 2⅝ | 9/16 | ⅛ | 1 15/16 | ⅜ | 17.0 | 2 B 154 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 22.0 |
| 1 B 160 SK | 15.6 | 16.0 | 16.35 | C-3 | SK | 2⅝ | 9/16 | ⅛ | 1 15/16 | ⅜ | 18.0 | 2 B 160 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 25.0 |
| 1 B 184 SK | 18.0 | 18.4 | 18.75 | C-3 | SK | 2⅝ | 9/16 | ⅛ | 1 15/16 | ⅜ | 20.0 | 2 B 184 SK | D-3 | SK | 2⅝ | ¼ | 7/16 | 1 15/16 | 1/16 | 30.0 |
| 1 B 200 SK | 19.6 | 20.0 | 20.35 | C-3 | SK | 2⅝ | 9/16 | ⅛ | 1 15/16 | ⅜ | 23.0 | 2 B 200 SF | D-3 | SF | 2 15/16 | 5/16 | ⅜ | 2 1/16 | 0 | 39.0 |
| | 24.6 | 25.0 | 25.35 | | | | | | | | | 2 B 250 SF | D-3 | SF | 2 15/16 | 5/16 | ⅜ | 2 1/16 | 0 | 61.0 |
| | 29.6 | 30.0 | 30.35 | | | | | | | | | 2 B 300 SF | D-3 | SF | 2 15/16 | 5/16 | ⅜ | 2 1/16 | 0 | 64.0 |
| | 37.6 | 38.0 | 38.35 | | | | | | | | | 2 B 380 SF | D-3 | SF | 2 15/16 | 5/16 | ⅜ | 2 1/16 | 0 | 86.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

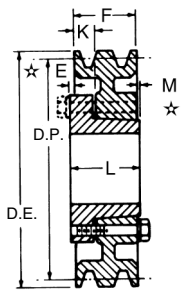
# A-B Poleas QD Convencionales de Ranura Combinable en Existencia



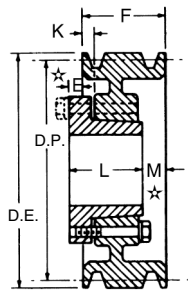

TIPO A



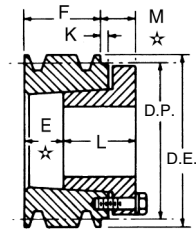

TIPO B




TIPO C




TIPO D



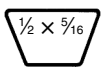

TIPO E

**Dimensiones en pulgadas, peso en libras**

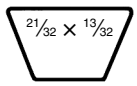
| 3 Ranuras | | | | | | | | | | | | 4 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 2½ | | | | | | | | | | | | F = 3¼ | | | | | | | | |
| No. de Parte | DP Banda A | DP Paso B | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 3 B 34 SH | 3.0 | 3.4 | 3.75 | E-1 | SH | 1 11/16 | 1¾ | 0 | 1 5/16 | 9/16 | 3.4 | 4 B 34 SD | E-1 | SD | 2 | 2⅜ | 5/16 | 1 13/16 | 15/16 | 4.0 |
| 3 B 36 SH | 3.2 | 3.6 | 3.95 | D-1 | SH | 1 11/16 | ⅜ | 3/16 | 1 5/16 | 1 9/16 | 3.8 | 4 B 36 SD | E-1 | SD | 2 | 2⅜ | 5/16 | 1 13/16 | 15/16 | 5.0 |
| 3 B 38 SH | 3.4 | 3.8 | 4.15 | D-1 | SH | 1 11/16 | ⅜ | 3/16 | 1 5/16 | 1 9/16 | 4.0 | 4 B 38 SD | E-1 | SD | 2 | 2⅜ | 5/16 | 1 13/16 | 15/16 | 5.5 |
| 3 B 40 SH | 3.6 | 4.0 | 4.35 | A-1 | SH | 1 11/16 | ½ | 1 1/16 | 1 5/16 | 11/16 | 4.5 | 4 B 40 SD | E-1 | SD | 2 | 2 1/16 | 0 | 1 13/16 | ⅝ | 6.0 |
| 3 B 42 SH | 3.8 | 4.2 | 4.55 | A-1 | SH | 1 11/16 | ½ | 1 1/16 | 1 5/16 | 11/16 | 5.0 | 4 B 42 SD | E-1 | SD | 2 | 2 1/16 | 0 | 1 13/16 | ⅝ | 7.0 |
| 3 B 44 SH | 4.0 | 4.4 | 4.75 | A-1 | SH | 1 11/16 | ½ | 1 1/16 | 1 5/16 | 11/16 | 5.5 | 4 B 44 SD | E-1 | SD | 2 | 2 1/16 | 0 | 1 13/16 | ⅝ | 7.3 |
| 3 B 46 SD | 4.2 | 4.6 | 4.95 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 6.0 | 4 B 46 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 7.6 |
| 3 B 48 SD | 4.4 | 4.8 | 5.15 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 6.5 | 4 B 48 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 8.0 |
| 3 B 50 SD | 4.6 | 5.0 | 5.35 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 7.0 | 4 B 50 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 9.0 |
| 3 B 52 SD | 4.8 | 5.2 | 5.55 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 8.0 | 4 B 52 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 10.0 |
| 3 B 54 SD | 5.0 | 5.4 | 5.75 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 8.5 | 4 B 54 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 10.5 |
| 3 B 56 SD | 5.2 | 5.6 | 5.95 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 9.0 | 4 B 56 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 11.0 |
| 3 B 58 SD | 5.4 | 5.8 | 6.15 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 10.0 | 4 B 58 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 12.0 |
| 3 B 60 SD | 5.6 | 6.0 | 6.35 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 11.0 | 4 B 60 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 12.5 |
| 3 B 62 SD | 5.8 | 6.2 | 6.55 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 12.0 | 4 B 62 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 13.0 |
| 3 B 64 SD | 6.0 | 6.4 | 6.75 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 12.3 | 4 B 64 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 14.0 |
| 3 B 66 SD | 6.2 | 6.6 | 6.95 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 12.6 | 4 B 66 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 14.5 |
| 3 B 68 SD | 6.4 | 6.8 | 7.15 | A-1 | SD | 2 | 7/16 | 1 1/16 | 1 13/16 | ¼ | 13.0 | 4 B 68 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | ¾ | 15.0 |
| 3 B 70 SK | 6.6 | 7.0 | 7.35 | A-1 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 14.0 | 4 B 70 SK | A-1 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 15.5 |
| 3 B 74 SK | 7.0 | 7.4 | 7.75 | A-1 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 15.0 | 4 B 74 SK | A-1 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 16.0 |
| 3 B 80 SK | 7.6 | 8.0 | 8.35 | A-1 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 16.0 | 4 B 80 SK | A-1 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 17.0 |
| 3 B 86 SK | 8.2 | 8.6 | 8.95 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 17.0 | 4 B 86 SK | A-3 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 18.0 |
| 3 B 94 SK | 9.0 | 9.4 | 9.75 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 18.0 | 4 B 94 SK | A-3 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 19.0 |
| 3 B 110 SK | 10.6 | 11.0 | 11.35 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 19.0 | 4 B 110 SK | A-3 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 24.0 |
| 3 B 124 SK | 12.0 | 12.4 | 12.75 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 23.0 | 4 B 124 SK | A-3 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 26.0 |
| 3 B 136 SK | 13.2 | 13.6 | 13.95 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 24.1 | 4 B 136 SK | A-3 | SK | 2⅝ | 5/16 | 1 | 1 5/16 | 1 | 28.0 |
| 3 B 154 SK | 15.0 | 15.4 | 15.75 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 28.0 | 4 B 154 SF | A-3 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | ⅞ | 41.0 |
| 3 B 160 SK | 15.6 | 16.0 | 16.35 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 29.0 | 4 B 160 SF | A-3 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | ⅞ | 42.0 |
| 3 B 184 SK | 18.0 | 18.4 | 18.75 | A-3 | SK | 2⅝ | 0 | 11/16 | 1 5/16 | 9/16 | 37.0 | 4 B 184 SF | A-3 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | ⅞ | 48.0 |
| 3 B 200 SF | 19.6 | 20.0 | 20.35 | D-3 | SF | 2 15/16 | 1/16 | ⅝ | 2 1/16 | ½ | 39.0 | 4 B 200 SF | A-3 | SF | 2 15/16 | 5/16 | 1 | 2 1/16 | ⅞ | 58.0 |
| 3 B 250 SF | 24.6 | 25.0 | 25.35 | D-3 | SF | 2 15/16 | 1/16 | ⅝ | 2 1/16 | ½ | 67.0 | 4 B 250 E | A-3 | E | 3½ | ⅛ | 1 | 2⅝ | ½ | 78.0 |
| 3 B 300 SF | 29.6 | 30.0 | 30.35 | D-3 | SF | 2 15/16 | 1/16 | ⅝ | 2 1/16 | ½ | 74.0 | 4 B 300 E | A-3 | E | 3½ | ⅛ | 1 | 2⅝ | ½ | 93.0 |
| 3 B 380 E | 37.6 | 38.0 | 38.35 | D-3 | E | 3½ | ¼ | ⅝ | 2⅝ | ⅛ | 122.0 | 4 B 380 E | A-3 | E | 3½ | ⅛ | 1 | 2⅝ | ½ | 138.0 |

☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

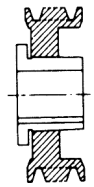
# Poleas QD Convencionales de Ranura Combinable en Existencia A-B




A




B



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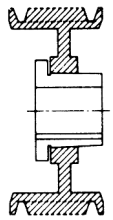

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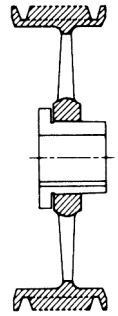


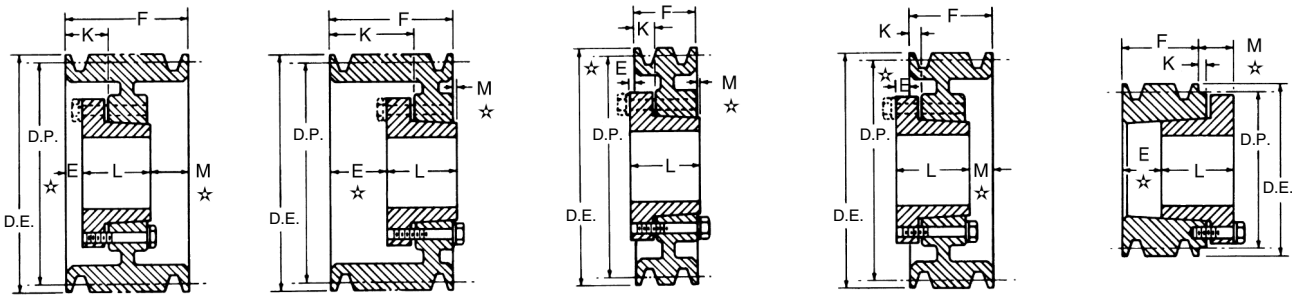
3 = RAYOS

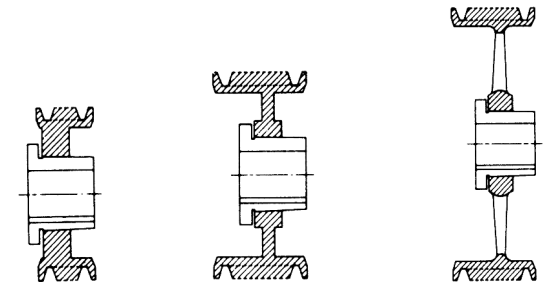
**Dimensiones en pulgadas, peso en libras**

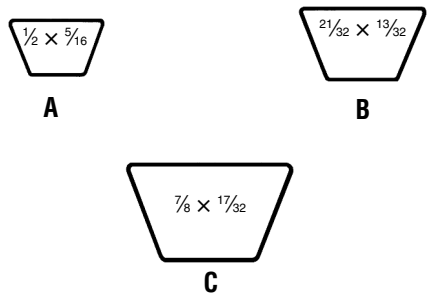
| 5 Ranuras | | | | | | | | | | | | 6 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 4 | | | | | | | | | | | | F = 4¾ | | | | | | | | |
| No. de Parte | DP Banda A | DP Banda B | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 5 B 34 SD | 3.0 | 3.4 | 3.75 | E-1 | SD | 2 | 3¼ | 7/16 | 1 13/16 | 1 1/16 | 5.0 | 6 B 34 SD | E-1 | SD | 2 | 3⅞ | 5/16 | 1 13/16 | 15/16 | 6.0 |
| 5 B 36 SD | 3.2 | 3.6 | 3.95 | E-1 | SD | 2 | 3¼ | 7/16 | 1 13/16 | 1 1/16 | 6.0 | 6 B 36 SD | E-1 | SD | 2 | 3⅞ | 5/16 | 1 13/16 | 13/16 | 7.0 |
| 5 B 38 SD | 3.4 | 3.8 | 4.15 | E-1 | SD | 2 | 3⅛ | 5/16 | 1 13/16 | 15/16 | 6.5 | 6 B 38 SD | E-1 | SD | 2 | 3⅞ | 5/16 | 1 13/16 | 13/16 | 7.5 |
| 5 B 40 SD | 3.6 | 4.0 | 4.35 | E-1 | SD | 2 | 2 13/16 | 0 | 1 13/16 | ⅝ | 7.0 | 6 B 40 SD | E-1 | SD | 2 | 3 9/16 | 0 | 1 13/16 | ⅝ | 8.0 |
| 5 B 42 SD | 3.8 | 4.2 | 4.55 | E-1 | SD | 2 | 2 13/16 | 0 | 1 13/16 | ⅝ | 7.5 | 6 B 42 SD | E-1 | SD | 2 | 3 9/16 | 0 | 1 13/16 | ⅝ | 9.0 |
| 5 B 44 SD | 4.0 | 4.4 | 4.75 | E-1 | SD | 2 | 2 13/16 | 0 | 1 13/16 | ⅝ | 8.0 | 6 B 44 SD | E-1 | SD | 2 | 3 9/16 | 0 | 1 13/16 | ⅝ | 9.5 |
| 5 B 46 SD | 4.2 | 4.6 | 4.95 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1½ | 9.0 | 6 B 46 SD | A-1 | SD | 2 | 9/16 | 1 3/16 | 1 13/16 | 2⅜ | 10.0 |
| 5 B 48 SD | 4.4 | 4.8 | 5.15 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1½ | 9.5 | 6 B 48 SD | A-1 | SD | 2 | 2¼ | 1 3/16 | 1 13/16 | 2⅜ | 10.5 |
| 5 B 50 SD | 4.6 | 5.0 | 5.35 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1½ | 10.0 | 6 B 50 SD | A-1 | SD | 2 | 2¼ | 1 3/16 | 1 13/16 | 2⅜ | 11.0 |
| 5 B 52 SD | 4.8 | 5.2 | 5.75 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1½ | 10.5 | 6 B 52 SD | A-1 | SD | 2 | 2¼ | 1 3/16 | 1 13/16 | 2⅜ | 11.5 |
| 5 B 54 SK | 5.0 | 5.4 | 5.75 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 11.0 | 6 B 54 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 12.0 |
| 5 B 56 SK | 5.2 | 5.6 | 5.95 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 11.5 | 6 B 56 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 13.0 |
| 5 B 58 SK | 5.4 | 5.8 | 6.15 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 12.0 | 6 B 58 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 14.0 |
| 5 B 60 SK | 5.6 | 6.0 | 6.35 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 13.0 | 6 B 60 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 15.0 |
| 5 B 62 SK | 5.8 | 6.2 | 6.55 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 14.0 | 6 B 62 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 16.0 |
| 5 B 64 SK | 6.0 | 6.4 | 6.75 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 15.0 | 6 B 64 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 17.0 |
| 5 B 66 SK | 6.2 | 6.6 | 6.95 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 16.0 | 6 B 66 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 18.0 |
| 5 B 68 SK | 6.4 | 6.8 | 7.15 | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 1 7/16 | 17.0 | 6 B 68 SK | A-1 | SK | 2⅝ | ⅝ | 1 5/16 | 1 15/16 | 2 3/16 | 19.0 |
| 5 B 70 SF | 6.6 | 7.0 | 7.35 | A-1 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 18.0 | 6 B 70 SF | A-1 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 19.5 |
| 5 B 74 SF | 7.0 | 7.4 | 7.75 | A-1 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 20.0 | 6 B 74 SF | A-1 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 22.0 |
| 5 B 80 SF | 7.6 | 8.0 | 8.35 | A-1 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 23.0 | 6 B 80 SF | A-1 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 25.0 |
| 5 B 86 SF | 8.2 | 8.6 | 8.95 | A-2 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 24.0 | 6 B 86 SF | A-2 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 28.0 |
| 5 B 94 SF | 9.0 | 9.4 | 9.75 | A-2 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 26.0 | 6 B 94 SF | A-2 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 29.0 |
| 5 B 110 SF | 10.6 | 11.0 | 11.35 | A-2 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 32.0 | 6 B 110 SF | A-2 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 30.0 |
| 5 B 124 SF | 12.0 | 12.4 | 12.75 | A-3 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 35.0 | 6 B 124 SF | A-3 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 40.0 |
| 5 B 136 SF | 13.2 | 13.6 | 13.95 | A-3 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 36.0 | 6 B 136 SF | A-3 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 45.0 |
| 5 B 154 SF | 15.0 | 15.4 | 15.75 | A-3 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 46.0 | 6 B 154 SF | A-3 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 46.0 |
| 5 B 160 SF | 15.6 | 16.0 | 16.35 | A-3 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 48.0 | 6 B 160 SF | A-3 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 50.0 |
| 5 B 184 SF | 18.0 | 18.4 | 18.75 | A-3 | SF | 2 15/16 | ⅝ | 1 5/16 | 2 1/16 | 1 5/16 | 50.0 | 6 B 184 SF | A-3 | SF | 2 15/16 | 1 | 1 11/16 | 2 1/16 | 1 11/16 | 60.0 |
| 5 B 200 E | 19.6 | 20.0 | 20.35 | A-3 | E | 3½ | ⅜ | 1¼ | 2⅝ | 1 | 72.0 | 6 B 200 E | A-3 | E | 3½ | ½ | 1⅜ | 2⅝ | 1⅝ | 78.0 |
| 5 B 250 E | 24.6 | 25.0 | 25.35 | A-3 | E | 3½ | ⅜ | 1¼ | 2⅝ | 1 | 90.0 | 6 B 250 E | A-3 | E | 3½ | ½ | 1⅜ | 2⅝ | 1⅝ | 98.0 |
| 5 B 300 E | 29.6 | 30.0 | 30.35 | A-3 | E | 3½ | ⅜ | 1¼ | 2⅝ | 1 | 108.0 | 6 B 300 E | A-3 | E | 3½ | ½ | 1⅜ | 2⅝ | 1⅝ | 109.0 |
| 5 B 380 E | 37.6 | 38.0 | 38.35 | A-3 | E | 3½ | ⅜ | 1¼ | 2⅝ | 1 | 145.0 | 6 B 380 E | A-3 | E | 3½ | ½ | 1⅜ | 2⅝ | 1⅝ | 173.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

# A-B Poleas QD Convencionales de Ranura Combinable en Existencia




**Dimensiones en pulgadas, peso en libras**

| 8 Ranuras | | | | | | | | | | | | 10 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 6¼ | | | | | | | | | | | | F = 7¾ | | | | | | | | |
| No. de Parte | DP Banda A | DP Banda B | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 8 B 54 SK | 5.0 | 5.4 | 5.75 | A-1 | SK | 2⅝ | 1⅛ | 1 13/16 | 1 15/16 | 3 3/16 | 14.0 | 10 B 54 SK | A-1 | SK | 2⅝ | 1⅞ | 2 9/16 | 1 15/16 | 3 15/16 | 15.0 |
| 8 B 56 SK | 5.2 | 5.6 | 5.95 | A-1 | SK | 2⅝ | 1⅛ | 1 13/16 | 1 15/16 | 3 3/16 | 16.0 | 10 B 56 SK | A-1 | SK | 2⅝ | 1⅞ | 2 9/16 | 1 15/16 | 3 15/16 | 18.0 |
| 8 B 58 SK | 5.4 | 5.8 | 6.15 | A-1 | SK | 2⅝ | 1⅛ | 1 13/16 | 1 15/16 | 3 3/16 | 16.5 | 10 B 58 SK | A-1 | SK | 2⅝ | 1⅞ | 2 9/16 | 1 15/16 | 3 15/16 | 20.0 |
| 8 B 60 SF | 5.6 | 6.0 | 6.35 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 17.0 | 10 B 60 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 22.0 |
| 8 B 62 SF | 5.8 | 6.2 | 6.55 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 18.0 | 10 B 62 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 24.0 |
| 8 B 64 SF | 6.0 | 6.4 | 6.75 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 18.5 | 10 B 64 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 25.0 |
| 8 B 66 SF | 6.2 | 6.6 | 6.95 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 21.0 | 10 B 66 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 26.0 |
| 8 B 68 SF | 6.4 | 6.8 | 7.15 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 22.0 | 10 B 68 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 27.0 |
| 8 B 70 SF | 6.6 | 7.0 | 7.35 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 22.5 | 10 B 70 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 28.0 |
| 8 B 74 SF | 7.0 | 7.4 | 7.75 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 25.0 | 10 B 74 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 31.0 |
| 8 B 80 SF | 7.6 | 8.0 | 8.35 | A-1 | SF | 2 15/16 | 1⅛ | 1 13/16 | 2 1/16 | 3 1/16 | 29.0 | 10 B 80 SF | A-1 | SF | 2 15/16 | 1⅞ | 2 9/16 | 2 1/16 | 3 13/16 | 35.0 |
| 8 B 86 E | 8.2 | 8.6 | 8.95 | A-1 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 34.0 | 10 B 86 E | A-1 | E | 3½ | 2¼ | 3⅛ | 2⅝ | 2⅞ | 38.0 |
| 8 B 94 E | 9.0 | 9.4 | 9.75 | A-1 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 40.0 | 10 B 94 E | A-1 | E | 3½ | 2¼ | 3⅛ | 2⅝ | 2⅞ | 45.0 |
| 8 B 110 E | 10.6 | 11.0 | 11.35 | A-2 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 47.0 | 10 B 110 E | A-2 | E | 3½ | 2¼ | 3⅛ | 2⅝ | 2⅞ | 53.0 |
| 8 B 124 E | 12.0 | 12.4 | 12.75 | A-3 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 52.0 | 10 B 124 E | A-3 | E | 3½ | 2¼ | 3⅛ | 2⅝ | 2⅞ | 63.0 |
| 8 B 136 E | 13.2 | 13.6 | 13.95 | A-3 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 60.0 | 10 B 136 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 78.0 |
| 8 B 154 E | 15.0 | 15.4 | 15.75 | A-3 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 82.0 | 10 B 154 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 90.0 |
| 8 B 160 E | 15.6 | 16.0 | 16.35 | A-3 | E | 3½ | 1½ | 2⅜ | 2⅝ | 2⅛ | 90.0 | 10 B 160 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 96.0 |
| 8 B 184 F | 18.0 | 18.4 | 18.75 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3⅜ | 2 5/16 | 110.0 | 10 B 184 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 113.0 |
| 8 B 200 F | 19.6 | 20.0 | 20.35 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3⅜ | 2 5/16 | 122.0 | 10 B 200 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 114.0 |
| 8 B 250 F | 24.6 | 25.0 | 25.35 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3⅜ | 2 5/16 | 138.0 | 10 B 250 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 138.0 |
| 8 B 300 F | 29.6 | 30.0 | 30.35 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3⅜ | 2 5/16 | 168.0 | 10 B 300 F | A-3 | F | 3 15/16 | 1 1/16 | 2 1/16 | 3⅜ | 3 1/16 | 200.0 |
| 8 B 380 F | 37.6 | 38.0 | 38.35 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3⅜ | 2 5/16 | 222.0 | 10 B 380 J | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2⅞ | 279.0 |

★ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

**Dimensiones en pulgadas, peso en libras**

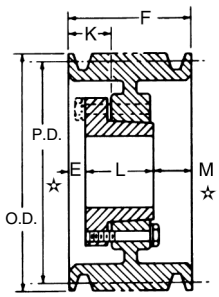
| 1 Ranura | | | | | | | | | | | 2 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1 3/8 | | | | | | | | | | | F = 2 3/8 | | | | | | | | |
| No. de Parte | DP Banda C | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 1 C 60 SK | 6.00 | 6.40 | C-1 | SK | 2 5/8 | 9/16 | 1/8 | 1 15/16 | 0 | 9.4 | 2 C 60 SF | A-1 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 1/8 | 8.0 |
| 1 C 70 SF | 7.00 | 7.40 | C-1 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 9.8 | 2 C 70 SF | A-1 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 12.0 |
| 1 C 75 SF | 7.50 | 7.90 | C-1 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 11.0 | 2 C 75 SF | A-1 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 15.0 |
| 1 C 80 SF | 8.00 | 8.40 | C-1 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 13.0 | 2 C 80 SF | A-1 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 16.0 |
| 1 C 85 SF | 8.50 | 8.90 | C-1 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 13.3 | 2 C 85 SF | A-2 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 19.0 |
| 1 C 90 SF | 9.00 | 9.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 13.5 | 2 C 90 SF | A-2 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 19.5 |
| 1 C 95 SF | 9.50 | 9.90 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 13.8 | 2 C 95 SF | A-2 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 21.0 |
| 1 C 100 SF | 10.00 | 10.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 14.0 | 2 C 100 SF | A-2 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 22.0 |
| 1 C 105 SF | 10.50 | 10.90 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 15.0 | 2 C 105 SF | A-2 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 25.0 |
| 1 C 110 SF | 11.00 | 11.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 15.8 | 2 C 110 SF | A-3 | SF | 2 15/16 | 1/8 | 13/16 | 2 1/16 | 3/16 | 26.0 |
| 1 C 120 SF | 12.00 | 12.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 17.0 | 2 C 120 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 29.0 |
| 1 C 130 SF | 13.00 | 13.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 18.0 | 2 C 130 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 31.0 |
| 1 C 140 SF | 14.00 | 14.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 20.0 | 2 C 140 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 35.0 |
| 1 C 150 SF | 15.00 | 15.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 21.0 | 2 C 150 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 39.0 |
| 1 C 160 SF | 16.00 | 16.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 24.0 | 2 C 160 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 43.0 |
| 1 C 180 SF | 18.00 | 18.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 27.0 | 2 C 180 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 48.0 |
| 1 C 200 SF | 20.00 | 20.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 31.0 | 2 C 200 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 55.0 |
| 1 C 240 SF | 24.00 | 24.40 | C-3 | SF | 2 15/16 | 9/16 | 1/8 | 2 1/16 | 1/8 | 37.0 | 2 C 240 SF | D-3 | SF | 2 15/16 | 1/8 | 9/16 | 2 1/16 | 7/16 | 65.0 |
| | 27.00 | 27.40 | | | | | | | | | 2 C 270 F | C-3 | F | 3 15/16 | 1 1/16 | 5/16 | 3 5/8 | 9/16 | 107.0 |
| | 30.00 | 30.40 | | | | | | | | | 2 C 300 F | C-3 | F | 3 15/16 | 1 1/16 | 5/16 | 3 5/8 | 9/16 | 115.0 |

**Dimensiones en pulgadas, peso en libras**

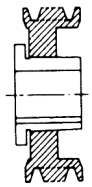
| 3 Ranuras | | | | | | | | | | | 4 Ranuras | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 3 3/8 | | | | | | | | | | | F = 4 3/8 | | | | | | | | |
| No. de Parte | DP Banda C | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 3 C 50 SD | 5.00 | 5.40 | A-1 | SD | 2 | 5/8 | 1 1/4 | 1 13/16 | 15/16 | 8.0 | 4 C 50 SD | A-1 | SD | 2 | 5/8 | 1 1/4 | 1 13/16 | 1 15/16 | 10.0 |
| 3 C 54 SD | 5.40 | 5.80 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 7/8 | 9.0 | 4 C 54 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 7/8 | 12.0 |
| 3 C 55 SD | 5.50 | 5.90 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 7/8 | 10.0 | 4 C 55 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 7/8 | 12.4 |
| 3 C 56 SD | 5.60 | 6.00 | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 7/8 | 11.0 | 4 C 56 SD | A-1 | SD | 2 | 11/16 | 1 5/16 | 1 13/16 | 1 7/8 | 12.4 |
| 3 C 60 SF | 6.00 | 6.40 | A-1 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 1 1/8 | 12.0 | 4 C 60 SF | A-1 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 2 1/8 | 12.6 |
| 3 C 70 SF | 7.00 | 7.40 | A-1 | SF | 2 15/16 | 5/8 | 1 5/16 | 2 1/16 | 11/16 | 14.0 | 4 C 70 SF | A-2 | SF | 2 15/16 | 7/8 | 1 9/16 | 2 1/16 | 1 7/16 | 13.0 |
| 3 C 75 SF | 7.50 | 7.90 | A-1 | SF | 2 15/16 | 5/8 | 1 5/16 | 2 1/16 | 11/16 | 17.0 | 4 C 75 SF | A-2 | SF | 2 15/16 | 7/8 | 1 9/16 | 2 1/16 | 1 7/16 | 19.0 |
| 3 C 80 E | 8.00 | 8.40 | B-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 19.0 | 4 C 80 E | A-2 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 24.0 |
| 3 C 85 E | 8.50 | 8.90 | B-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 22.0 | 4 C 85 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 27.0 |
| 3 C 90 E | 9.00 | 9.40 | B-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 26.0 | 4 C 90 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 30.0 |
| 3 C 95 E | 9.50 | 9.90 | B-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 29.0 | 4 C 95 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 33.0 |
| 3 C 100 E | 10.00 | 10.40 | B-1 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 27.0 | 4 C 100 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 35.0 |
| 3 C 105 E | 10.50 | 10.90 | B-2 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 31.0 | 4 C 105 E | A-2 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 40.0 |
| 3 C 110 E | 11.00 | 11.40 | B-2 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 38.0 | 4 C 110 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 45.0 |
| 3 C 120 E | 12.00 | 12.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 40.0 | 4 C 120 E | A-1 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 48.0 |
| 3 C 130 E | 13.00 | 13.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 43.0 | 4 C 130 E | A-3 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 49.0 |
| 3 C 140 E | 14.00 | 14.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 46.0 | 4 C 140 E | A-3 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 56.0 |
| 3 C 150 E | 15.00 | 15.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 52.0 | 4 C 150 E | A-3 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 62.0 |
| 3 C 160 E | 16.00 | 16.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 58.0 | 4 C 160 E | A-3 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 68.0 |
| 3 C 180 E | 18.00 | 18.40 | B-3 | E | 3 1/2 | 7/8 | 1 3/4 | 2 5/8 | 1/8 | 67.0 | 4 C 180 E | A-3 | E | 3 1/2 | 1 1/8 | 2 | 2 5/8 | 5/8 | 74.0 |
| 3 C 200 E | 20.00 | 20.40 | A-3 | E | 3 1/2 | 1/8 | 1 | 2 5/8 | 5/8 | 70.0 | 4 C 200 E | A-3 | E | 3 1/2 | 5/8 | 1 1/2 | 2 5/8 | 1 1/8 | 81.0 |
| 3 C 240 E | 24.00 | 24.40 | A-3 | E | 3 1/2 | 1/8 | 1 | 2 5/8 | 5/8 | 90.0 | 4 C 240 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 7/16 | 120.0 |
| 3 C 270 F | 27.00 | 27.40 | C-3 | F | 3 15/16 | 3/16 | 13/16 | 3 5/8 | 1/16 | 124.0 | 4 C 270 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 7/16 | 138.0 |
| 3 C 300 F | 30.00 | 30.40 | C-3 | F | 3 15/16 | 3/16 | 13/16 | 3 5/8 | 1/16 | 130.0 | 4 C 300 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 7/16 | 166.0 |
| 3 C 360 F | 36.00 | 36.40 | C-3 | F | 3 15/16 | 3/16 | 13/16 | 3 5/8 | 1/16 | 166.0 | 4 C 360 F | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 7/16 | 176.0 |
| 3 C 440 F | 44.00 | 44.40 | C-3 | F | 3 15/16 | 3/16 | 13/16 | 3 5/8 | 1/16 | 208.0 | 4 C 440 J | B-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1/2 | 254.0 |
| 3 C 500 F | 50.00 | 50.40 | C-3 | F | 3 15/16 | 3/16 | 13/16 | 3 5/8 | 1/16 | 250.0 | 4 C 500 J | B-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1/2 | 318.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.

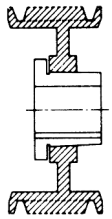
# C Poleas QD Convencionales en Existencia



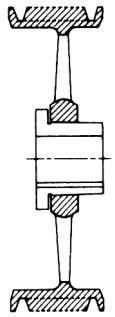

TIPO A



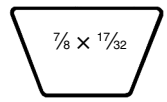
1=SÓLIDA



2=ALMA



3=RAYOS




C

**Dimensiones en pulgadas, peso en libras**

| 5 Ranuras F = 5⅜ | | | | | | | | | | | 6 Ranuras F = 6⅜ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP Banda C | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 5 C 60 SF | 6.00 | 6.40 | A-1 | SF | 2 15/16 | 3/8 | 7/8 | 2 1/16 | 3 1/8 | 14.0 | 6 C 60 SF | A-1 | SF | 2 15/16 | 3/16 | 7/8 | 2 1/16 | 4 1/8 | 16.0 |
| 5 C 70 SF | 7.00 | 7.40 | A-1 | SF | 2 15/16 | 1 1/4 | 1 15/16 | 2 1/16 | 2 1/16 | 19.0 | 6 C 70 SF | A-1 | SF | 2 15/16 | 1 1/4 | 1 15/16 | 2 1/16 | 3 1/16 | 22.0 |
| 5 C 75 SF | 7.50 | 7.90 | A-1 | SF | 2 15/16 | 1 1/4 | 1 15/16 | 2 1/16 | 2 1/16 | 22.0 | 6 C 75 SF | A-1 | SF | 2 15/16 | 1 1/4 | 1 15/16 | 2 1/16 | 3 1/16 | 25.0 |
| 5 C 80 E | 8.00 | 8.40 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 28.0 | 6 C 80 E | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 2 1/4 | 31.0 |
| 5 C 85 E | 8.50 | 8.90 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 31.0 | 6 C 85 E | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 2 1/4 | 35.0 |
| 5 C 90 E | 9.00 | 9.40 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 32.0 | 6 C 90 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 40.0 |
| 5 C 95 E | 9.50 | 9.90 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 36.0 | 6 C 95 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 44.0 |
| 5 C 100 E | 10.00 | 10.40 | A-2 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 38.0 | 6 C 100 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 50.0 |
| 5 C 105 E | 10.50 | 10.90 | A-2 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 43.0 | 6 C 105 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 56.0 |
| 5 C 110 E | 11.00 | 11.40 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 50.0 | 6 C 110 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 60.0 |
| 5 C 120 E | 12.00 | 12.40 | A-1 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 55.0 | 6 C 120 F | A-1 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 65.0 |
| 5 C 130 E | 13.00 | 13.40 | A-3 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 58.0 | 6 C 130 F | A-3 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 67.0 |
| 5 C 140 E | 14.00 | 14.40 | A-3 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 61.0 | 6 C 140 F | A-3 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 75.0 |
| 5 C 150 E | 15.00 | 15.40 | A-3 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 69.0 | 6 C 150 F | A-3 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 91.0 |
| 5 C 160 E | 16.00 | 16.40 | A-3 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 75.0 | 6 C 160 F | A-3 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 93.0 |
| 5 C 180 E | 18.00 | 18.40 | A-3 | E | 3 1/2 | 1 1/2 | 2 3/8 | 2 5/8 | 1 1/4 | 85.0 | 6 C 180 F | A-3 | F | 3 15/16 | 1 7/16 | 2 7/16 | 3 5/8 | 1 5/16 | 106.0 |
| 5 C 200 F | 20.00 | 20.40 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1 7/16 | 108.0 | 6 C 200 F | A-3 | F | 3 15/16 | 15/16 | 1 15/16 | 3 5/8 | 1 13/16 | 125.0 |
| 5 C 240 F | 24.00 | 24.40 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1 7/16 | 124.0 | 6 C 240 F | A-3 | F | 3 15/16 | 15/16 | 1 15/16 | 3 5/8 | 1 13/16 | 162.0 |
| 5 C 270 F | 27.00 | 27.40 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1 7/16 | 154.0 | 6 C 270 J | A-3 | J | 3 15/16 | 3/8 | 1 9/16 | 4 1/2 | 1 1/2 | 190.0 |
| 5 C 300 F | 30.00 | 30.40 | A-3 | F | 3 15/16 | 5/16 | 1 5/16 | 3 5/8 | 1 7/16 | 174.0 | 6 C 300 J | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1 1/2 | 229.0 |
| 5 C 360 J | 36.00 | 36.40 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1/2 | 226.0 | 6 C 360 J | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1 1/2 | 270.0 |
| 5 C 440 J | 44.00 | 44.40 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1/2 | 289.0 | 6 C 440 J | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1 1/2 | 301.0 |
| 5 C 500 J | 50.00 | 50.40 | A-3 | J | 4 1/2 | 3/8 | 1 9/16 | 4 1/2 | 1/2 | 316.0 | 6 C 500 M | B-3 | M | 5 1/2 | 1/2 | 1 15/16 | 6 3/4 | 7/8 | 444.0 |

✯ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes. Las poleas tipo E están barrenadas para montaje reverso.

# Poleas QD Convencionales en Existencia C

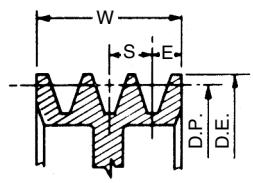
**Dimensiones en pulgadas, peso en libras**

| 8 Ranuras F = 8⅜ | | | | | | | | | | | 10 Ranuras F = 10⅜ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP Banda C | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 8 C 70 SF | 7.00 | 7.40 | A-1 | SF | 2 15/16 | 2 5/16 | 3 | 2 1/16 | 4 | 35.0 | | | | | | | | | |
| 8 C 80 E | 8.00 | 8.40 | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 3⅜ | 36.6 | 10 C 80 E | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 5⅜ | 42.8 |
| 8 C 85 E | 8.50 | 8.90 | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 3⅜ | 41.0 | 10 C 85 E | A-1 | E | 3½ | 2⅜ | 3¼ | 2⅝ | 5⅜ | 48.5 |
| 8 C 90 F | 9.00 | 9.40 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 50.0 | 10 C 90 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 54.0 |
| 8 C 95 F | 9.50 | 9.90 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 51.0 | 10 C 95 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 60.0 |
| 8 C 100 F | 10.00 | 10.40 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 60.0 | 10 C 100 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 68.0 |
| 8 C 105 F | 10.50 | 10.90 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 67.0 | 10 C 105 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 75.0 |
| 8 C 110 F | 11.00 | 11.40 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 74.0 | 10 C 110 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 90.0 |
| 8 C 120 F | 12.00 | 12.40 | A-1 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 87.0 | 10 C 120 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 106.0 |
| 8 C 130 F | 13.00 | 13.40 | A-3 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 94.0 | 10 C 130 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 110.0 |
| 8 C 140 F | 14.00 | 14.40 | A-3 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 99.0 | 10 C 140 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 124.0 |
| 8 C 150 F | 15.00 | 15.40 | A-2 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 111.0 | 10 C 150 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 138.0 |
| 8 C 160 F | 16.00 | 16.40 | A-3 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 112.0 | 10 C 160 J | A-3 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 139.0 |
| 8 C 180 F | 18.00 | 18.40 | A-3 | F | 3 15/16 | 2 5/16 | 3 5/16 | 3⅝ | 2 7/16 | 116.0 | 10 C 180 J | A-3 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 168.0 |
| 8 C 200 J | 20.00 | 20.40 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 3½ | 146.0 | 10 C 200 J | A-3 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 3½ | 182.0 |
| 8 C 240 J | 24.00 | 24.40 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 3½ | 195.0 | 10 C 240 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 3⅛ | 272.0 |
| 8 C 270 J | 27.00 | 27.40 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 3½ | 216.0 | | | | | | | | | |
| 8 C 300 J | 30.00 | 30.40 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 3½ | 268.0 | 10 C 300 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 3⅛ | 355.0 |
| 8 C 360 M | 36.00 | 36.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1⅛ | 338.0 | 10 C 360 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 3⅛ | 455.0 |
| 8 C 440 M | 44.00 | 44.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1⅛ | 413.0 | 10 C 440 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 3⅛ | 544.0 |
| 8 C 500 M | 50.00 | 50.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1⅛ | 474.0 | 10 C 500 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 3⅛ | 622.0 |

**Dimensiones en pulgadas, peso en libras**

| 12 Ranuras F = 12⅜ | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Part Parte | DP Banda C | DE | Tipo | Buje | Barreno Maximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 12 C 90 J | 9.00 | 9.40 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 63.0 |
| 12 C 95 J | 9.50 | 9.90 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 75.0 |
| 12 C 100 J | 10.00 | 10.40 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 84.0 |
| 12 C 105 J | 10.50 | 10.90 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 86.0 |
| 12 C 110 J | 11.00 | 11.40 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 97.0 |
| 12 C 120 J | 12.00 | 12.40 | A-1 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 119.0 |
| 12 C 130 J | 13.00 | 13.40 | A-2 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 125.0 |
| 12 C 140 J | 14.00 | 14.40 | A-2 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 139.0 |
| 12 C 150 J | 15.00 | 15.40 | A-2 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 156.0 |
| 12 C 160 J | 16.00 | 16.40 | A-3 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 175.0 |
| 12 C 180 J | 18.00 | 18.40 | A-3 | J | 4½ | 2⅞ | 4 1/16 | 4½ | 5 | 185.0 |
| 12 C 200 M | 20.00 | 20.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 228.0 |
| 12 C 240 M | 24.00 | 24.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 287.0 |
| 12 C 300 M | 30.00 | 30.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 350.0 |
| 12 C 360 M | 36.00 | 36.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 430.0 |
| 12 C 440 M | 44.00 | 44.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 565.0 |
| 12 C 500 M | 50.00 | 50.40 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 5⅛ | 595.0 |

El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.




**Dimensiones de Ranuras Combinadas**

| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "C" | 11/16 | 1 | P.D. + .40 |

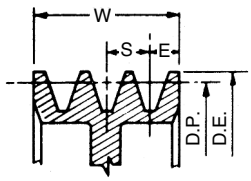
W = S(N-1) + 2E
N = Número de Ranuras

# D Poleas QD Convencionales en Existencia

Martin

**Dimensiones en pulgadas, peso en libras**

| 3 Ranuras F = 4⅝ | | | | | | | | | | | 4 Ranuras F = 6 1/16 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP Banda D | DE | Tipo | Buje | Barreno Maximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Maximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 3 D 120 F | 12.0 | 12.6 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 58.0 | 4 D 120 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 68.0 |
| 3 D 130 F | 13.0 | 13.6 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 63.0 | 4 D 130 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 78.0 |
| 3 D 135 F | 13.5 | 14.1 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 68.0 | 4 D 135 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 82.0 |
| 3 D 140 F | 14.0 | 14.6 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 71.0 | 4 D 140 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 91.0 |
| 3 D 145 F | 14.5 | 15.1 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 82.0 | 4 D 145 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 93.0 |
| 3 D 150 F | 15.0 | 15.6 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 86.0 | 4 D 150 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 99.0 |
| 3 D 155 F | 15.5 | 16.1 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 93.0 | 4 D 155 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 111.0 |
| 3 D 160 F | 16.0 | 16.6 | A-2 | F | 3 15/16 | ½ | 1½ | 3⅝ | ½ | 95.0 | 4 D 160 F | A-2 | F | 3 15/16 | 1 5/16 | 2 5/16 | 3⅜ | 1⅛ | 122.0 |
| | | | | | | | | | | | 4 D 170 J | A-2 | J | 4½ | 1⅜ | 2 5/16 | 4½ | 3/16 | 136.0 |
| 3 D 180 J | 18.0 | 18.6 | A-3 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 105.0 | 4 D 180 J | A-3 | J | 4½ | 1⅜ | 2 5/16 | 4½ | 3/16 | 141.0 |
| 3 D 200 J | 20.0 | 20.6 | A-2 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 148.0 | 4 D 200 J | A-2 | J | 4½ | ⅜ | 1 9/16 | 4½ | 1 3/16 | 167.0 |
| 3 D 220 J | 22.0 | 22.6 | A-3 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 164.0 | 4 D 220 J | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 1 3/16 | 183.0 |
| 3 D 270 J | 27.0 | 27.6 | A-3 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 180.0 | 4 D 270 J | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 1 3/16 | 222.0 |
| 3 D 330 J | 33.0 | 33.6 | A-3 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 195.0 | 4 D 330 M | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 3/16 | 315.0 |
| 3 D 400 J | 40.0 | 40.6 | A-3 | J | 4½ | 0 | 1 3/16 | 4½ | ⅛ | 260.0 | 4 D 400 M | B-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 3/16 | 337.0 |




## Dimensiones de Ranuras Combinadas

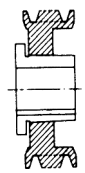
| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "D" | ⅞ | 1 7/16 | P.D. + .60 |

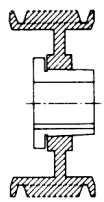
W = S(N-1) + 2E
N = Número de Ranuras

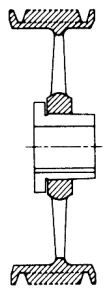
**Dimensiones en pulgadas, peso en libras**

| 5 Ranuras F = 7½ | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP Banda D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
| 5 D 120 F | 12.0 | 12.6 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 87.0 |
| 5 D 130 F | 13.0 | 13.6 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 88.0 |
| 5 D 135 F | 13.5 | 14.1 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 92.0 |
| 5 D 140 F | 14.0 | 14.6 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 96.0 |
| 5 D 145 F | 14.5 | 15.1 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 111.0 |
| 5 D 150 F | 15.0 | 15.6 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 115.0 |
| 5 D 155 F | 15.5 | 16.1 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 121.0 |
| 5 D 160 F | 16.0 | 16.6 | A-2 | F | 3 15/16 | 2 1/16 | 3 1/16 | 3⅝ | 1 13/16 | 128.0 |
| 5 D 170 J | 17.0 | 17.6 | A-2 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2⅝ | 135.0 |
| 5 D 180 J | 18.0 | 18.6 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2⅝ | 148.0 |
| 5 D 200 J | 20.0 | 20.6 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2⅝ | 184.0 |
| 5 D 220 J | 22.0 | 22.6 | A-3 | J | 4½ | ⅜ | 1 9/16 | 4½ | 2⅝ | 202.0 |
| 5 D 270 M | 27.0 | 27.6 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | ¼ | 250.0 |
| 5 D 330 M | 33.0 | 33.6 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | ¼ | 280.0 |
| 5 D 400 M | 40.0 | 40.6 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | ¼ | 380.0 |

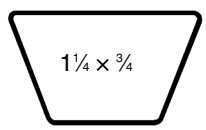
El peso no incluye el buje. En la página B-4 encontrará las dimensiones de los bujes.



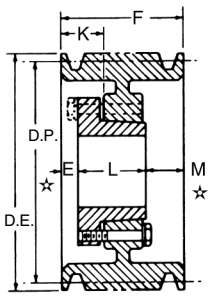




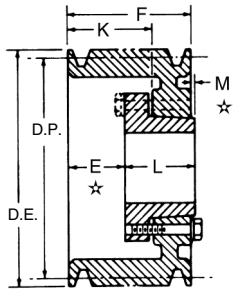
**1 = SÓLIDA** **2 = ALMA** **3 = RAYOS**



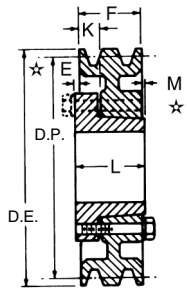

**D**



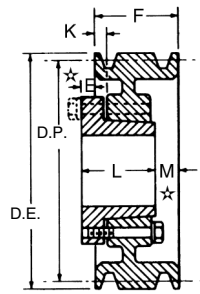

TIPO A




TIPO B




TIPO C




TIPO D

**Dimensiones en pulgadas, peso en libras**

## 6 Ranuras — F = 8 15/16

| No. de Parte | DP Banda D | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 D 120 J | 12.00 | 12.60 | A-1 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 104.0 |
| 6 D 130 J | 13.00 | 13.60 | A-1 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 122.0 |
| 6 D 135 J | 13.50 | 14.10 | A-1 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 125.0 |
| 6 D 140 J | 14.00 | 14.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 128.0 |
| 6 D 145 J | 14.50 | 15.10 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 130.0 |
| 6 D 150 J | 15.00 | 15.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 136.0 |
| 6 D 155 J | 15.50 | 16.10 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 139.0 |
| 6 D 160 J | 16.00 | 16.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 141.0 |
| 6 D 170 J | 17.00 | 17.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 154.0 |
| 6 D 180 J | 18.00 | 18.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 172.0 |
| 6 D 200 J | 20.00 | 20.60 | A-2 | J | 4½ | 2⅛ | 3 5/16 | 4½ | 2 5/16 | 183.0 |
| 6 D 220 M | 22.00 | 22.60 | A-2 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 272.0 |
| 6 D 270 M | 27.00 | 27.60 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 280.0 |
| 6 D 330 M | 33.00 | 33.60 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 356.0 |
| 6 D 400 M | 40.00 | 40.60 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 415.0 |
| 6 D 440 M | 44.00 | 44.60 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 536.0 |
| 6 D 480 M | 48.00 | 48.60 | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 1 11/16 | 572.0 |
| 6 D 580 N | 58.00 | 58.60 | A-3 | N | 6 | ½ | 2¼ | 8⅛ | 5/16 | 1006.0 |

## 8 Ranuras — F = 11 13/16

| No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Pes sin Buje |
|---|---|---|---|---|---|---|---|---|
| 8 D 120 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 126.0 |
| 8 D 130 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 147.0 |
| 8 D 135 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 150.0 |
| 8 D 140 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 155.0 |
| 8 D 145 J | A-1 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 160.0 |
| 8 D 150 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 176.0 |
| 8 D 155 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 180.0 |
| 8 D 160 J | A-2 | J | 4½ | 2⅜ | 3 9/16 | 4½ | 4 15/16 | 200.0 |
| 8 D 170 M | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2 9/16 | 225.0 |
| 8 D 180 M | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2 9/16 | 250.0 |
| 8 D 200 M | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 2 9/16 | 270.0 |
| 8 D 220 M | A-2 | M | 5½ | ½ | 1 15/16 | 6¾ | 4 9/16 | 316.0 |
| 8 D 270 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 4 9/16 | 440.0 |
| 8 D 330 M | A-3 | M | 5½ | ½ | 1 15/16 | 6¾ | 4 9/16 | 458.0 |
| 8 D 400 N | A-3 | N | 5½ | ½ | 2¼ | 8⅛ | 3 3/16 | 638.0 |
| 8 D 440 N | A-3 | N | 6 | ½ | 2¼ | 8⅛ | 3 3/16 | 616.0 |
| 8 D 480 N | A-3 | N | 6 | ½ | 2¼ | 8⅛ | 3 3/16 | 755.0 |
| 8 D 580 N | A-3 | N | 6 | ½ | 2¼ | 8⅛ | 3 3/16 | 1112.0 |

## 10 Ranuras — F = 14 11/16

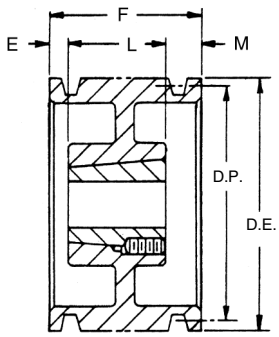
| No. de Parte | DP Banda D | DE | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso Sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 D 120 M | 12.00 | 12.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 158.0 |
| 10 D 125 M | 12.50 | 13.10 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 178.0 |
| 10 D 130 M | 13.00 | 13.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 196.0 |
| 10 D 135 M | 13.50 | 14.10 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 207.0 |
| 10 D 140 M | 14.00 | 14.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 225.0 |
| 10 D 145 M | 14.50 | 15.10 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 238.0 |
| 10 D 150 M | 15.00 | 15.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 260.0 |
| 10 D 155 M | 15.50 | 16.10 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 279.0 |
| 10 D 160 M | 16.00 | 16.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 292.0 |
| 10 D 170 M | 17.00 | 17.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 330.0 |
| 10 D 180 M | 18.00 | 18.60 | A-1 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 340.0 |
| 10 D 200 M | 20.00 | 20.60 | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 5 7/16 | 355.0 |
| 10 D 220 M | 22.00 | 22.60 | A-3 | M | 5½ | 1½ | 2 15/16 | 6¾ | 6 7/16 | 348.0 |
| 10 D 270 M | 27.00 | 27.60 | A-3 | M | 5½ | 1½ | 2 15/16 | 6¾ | 6 7/16 | 434.0 |
| 10 D 330 N | 33.00 | 33.60 | A-3 | N | 6 | 1½ | 3¼ | 8⅛ | 5 1/16 | 502.0 |
| 10 D 400 N | 40.00 | 40.60 | A-3 | N | 6 | 1½ | 3¼ | 8⅛ | 5 1/16 | 727.0 |
| 10 D 480 P | 48.00 | 48.60 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 4 11/16 | 755.0 |
| 10 D 580 P | 58.00 | 58.60 | A-3 | P | 6¾ | ⅝ | 2⅝ | 9⅜ | 4 11/16 | 1286.0 |

## 12 Ranuras — F = 17 9/16

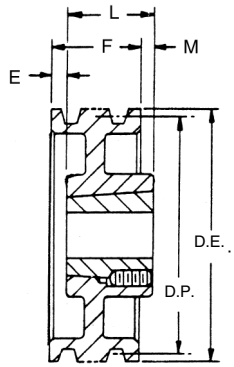
| No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | K | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|
| 12 D 120 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 158.0 |
| | | | | | | | | |
| 12 D 130 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 219.0 |
| 12 D 135 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 242.0 |
| 12 D 140 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 246.0 |
| 12 D 145 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 266.0 |
| 12 D 150 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 287.0 |
| 12 D 155 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 308.0 |
| 12 D 160 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 325.0 |
| 12 D 170 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 330.0 |
| 12 D 180 M | A-1 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 340.0 |
| 12 D 200 M | A-2 | M | 5½ | 3½ | 4 15/16 | 6¾ | 7 5/16 | 355.0 |
| 12 D 220 M | A-2 | M | 5½ | 2½ | 3 15/16 | 6¾ | 8 5/16 | 392.0 |
| 12 D 270 N | A-3 | N | 6 | 2½ | 4¼ | 6¾ | 6 15/16 | 505.0 |
| 12 D 330 N | A-3 | N | 6 | 2½ | 4¼ | 6¾ | 6 15/16 | 619.0 |
| 12 D 400 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 8⅛ | 7 9/16 | 946.0 |
| 12 D 480 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 8⅛ | 7 9/16 | 1155.0 |
| 12 D 580 P | A-3 | P | 6¾ | ⅝ | 2⅝ | 8⅛ | 7 13/16 | 1576.0 |

☆ Las dimensiones E y M son nominales, pueden variar dependiendo de las tolerancias en los ejes.

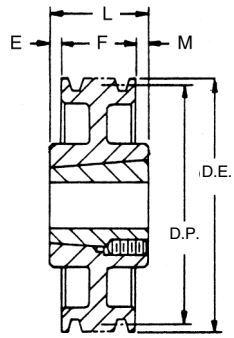
# 3V Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia




TIPO A




TIPO B




TIPO C

**Dimensiones en pulgadas, peso en libras**

| 1 Ranura* | | | | | | | | | | 2 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 11/16* | | | | | | | | | | F = 1 3/32 | | | | | | | |
| No. de Parte | Diámetros DE | Diámetros Peso 3V | Tipo | Buje | Barreno Máximo del. Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 1 3V 265 TB | 2.65 | 2.60 | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | .75 | 2 3V 265 TB | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | .75 |
| 1 3V 280 TB | 2.80 | 2.75 | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | .85 | 2 3V 280 TB | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | .90 |
| 1 3V 300 TB | 3.00 | 2.95 | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | 1.00 | 2 3V 300 TB | A-1 | 1210 | 1 1/4 | 1/2 | 1 | 0 | 1.40 |
| 1 3V 315 TB | 3.15 | 3.10 | A-1 | 1108 | 1 1/8 | 7/32 | 7/8 | 0 | 1.25 | 2 3V 315 TB | A-1 | 1210 | 1 1/4 | 1/2 | 1 | 0 | 1.60 |
| 1 3V 335 TB | 3.35 | 3.30 | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 1.50 | 2 3V 335 TB | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 1.70 |
| 1 3V 365 TB | 3.65 | 3.60 | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 2.00 | 2 3V 365 TB | A-1 | 1610 | 1 5/8 | 1/2 | 1 1/2 | 0 | 2.00 |
| 1 3V 412 TB | 4.12 | 4.07 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 2.25 | 2 3V 412 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 2.10 |
| 1 3V 450 TB | 4.50 | 4.45 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 3.00 | 2 3V 450 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 2.70 |
| 1 3V 475 TB | 4.75 | 4.70 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 3.25 | 2 3V 475 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 3.00 |
| 1 3V 500 TB | 5.00 | 4.95 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 3.50 | 2 3V 500 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 4.00 |
| 1 3V 530 TB | 5.30 | 5.25 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 3.75 | 2 3V 530 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 5.00 |
| 1 3V 560 TB | 5.60 | 5.55 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 4.00 | 2 3V 560 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 6.00 |
| 1 3V 600 TB | 6.00 | 5.95 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 5.00 | 2 3V 600 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 7.00 |
| 1 3V 650 TB | 6.50 | 6.45 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 6.00 | 2 3V 650 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 8.00 |
| 1 3V 690 TB | 6.90 | 6.85 | B-1 | 1610 | 1 5/8 | 0 | 1 | 13/32 | 7.00 | 2 3V 690 TB | A-1 | 1610 | 1 5/8 | 0 | 1 | 0 | 9.00 |
| 1 3V 800 TB | 8.00 | 7.95 | B-2 | 2517 | 2 1/2 | 0 | 1 3/4 | 1 1/16 | 9.00 | 2 3V 800 TB | B-2 | 2517 | 2 1/2 | 0 | 1 3/4 | 21/32 | 10.0 |
| 1 3V 1060 TB | 10.60 | 10.55 | B-2 | 2517 | 2 1/2 | 0 | 1 3/4 | 1 1/16 | 13.00 | 2 3V 1060 TB | B-2 | 2517 | 2 1/2 | 0 | 1 3/4 | 21/32 | 14.0 |
| 1 3V 1400 TB* | 14.00 | 13.95 | B-3 | 2517 | 2 1/2 | 0 | 1 3/4 | 15/16 | 15.00 | 2 3V 1400 TB | B-3 | 2517 | 2 1/2 | 0 | 1 3/4 | 21/32 | 18.0 |
| 1 3V 1900 TB* | 19.00 | 18.95 | B-3 | 3020 | 3 | 0 | 2 | 1 3/16 | 27.00 | 2 3V 1900 TB | B-3 | 3020 | 3 | 0 | 2 | 21/32 | 32.0 |
| | 25.00 | 24.95 | | | | | | | | 2 3V 2500 TB | C-3 | 3020 | 3 | 1/8 | 2 | 21/32 | 45.0 |

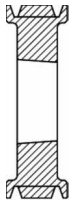
* F= 11/16" para la polea 1 3V 1900 TB
F= 13/16" por 1 3V 1400 TB y 1 3V 1900 TB



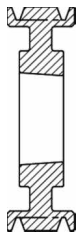
Regresar al Menú Principal
Regresar al Índice de la Sección D

# Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia

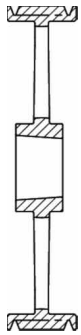
# 3V



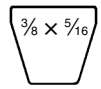
1 = SÓLIDA



2 = ALMA



3 = RAYOS



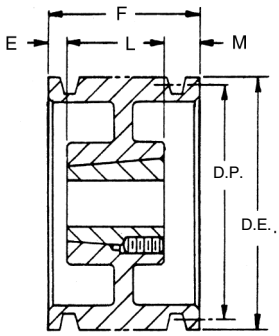

3V

**Dimensiones en pulgadas, peso en libras**

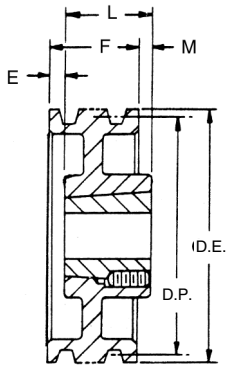
| 3 Ranuras | | | | | | | | | | 4 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1½ | | | | | | | | | | F = 1 29/32 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 3 3V 265 TB | 2.65 | 2.60 | A-1 | 1108 | 1 1/8 | 5/8 | 7/8 | 0 | 1.0 | 4 3V 265 TB | A-1 | 1108 | 1 1/8 | 1 1/32 | 7/8 | 0 | 1.2 |
| 3 3V 280 TB | 2.80 | 2.75 | A-1 | 1108 | 1 1/8 | 5/8 | 7/8 | 0 | 1.1 | 4 3V 280 TB | A-1 | 1108 | 1 1/8 | 1 1/32 | 7/8 | 0 | 1.3 |
| 3 3V 300 TB | 3.00 | 2.95 | A-1 | 1210 | 1 1/4 | 29/32 | 1 | 0 | 1.8 | 4 3V 300 TB | A-1 | 1210 | 1 1/4 | 1 5/16 | 1 | 0 | 2.1 |
| 3 3V 315 TB | 3.15 | 3.10 | A-1 | 1210 | 1 1/4 | 29/32 | 1 | 0 | 2.0 | 4 3V 315 TB | A-1 | 1210 | 1 1/4 | 1 5/16 | 1 | 0 | 2.2 |
| 3 3V 335 TB | 3.35 | 3.30 | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 2.3 | 4 3V 335 TB | A-1 | 1610 | 1 5/8 | 1 5/16 | 1 | 0 | 2.4 |
| 3 3V 365 TB | 3.65 | 3.60 | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 2.6 | 4 3V 365 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 2.8 |
| 3 3V 412 TB | 4.12 | 4.07 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 3.0 | 4 3V 412 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 3.0 |
| 3 3V 450 TB | 4.50 | 4.45 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 3.2 | 4 3V 450 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 4.0 |
| 3 3V 475 TB | 4.75 | 4.70 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 4.0 | 4 3V 475 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 5.0 |
| 3 3V 500 TB | 5.00 | 4.95 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 4.5 | 4 3V 500 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 5.5 |
| 3 3V 530 TB | 5.30 | 5.25 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 5.0 | 4 3V 530 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 6.0 |
| 3 3V 560 TB | 5.60 | 5.55 | A-1 | 1610 | 1 5/8 | 1/2 | 1 | 0 | 6.0 | 4 3V 560 TB | A-1 | 1610 | 1 5/8 | 29/32 | 1 | 0 | 7.0 |
| 3 3V 600 TB | 6.00 | 5.95 | B-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 13/32 | 7.0 | 4 3V 600 TB | A-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 0 | 8.0 |
| 3 3V 650 TB | 6.50 | 6.45 | B-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 13/32 | 9.0 | 4 3V 650 TB | A-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 0 | 10.0 |
| 3 3V 690 TB | 6.90 | 6.85 | B-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 13/32 | 10.0 | 4 3V 690 TB | A-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 0 | 12.0 |
| 3 3V 800 TB | 8.00 | 7.95 | B-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 13/32 | 15.0 | 4 3V 800 TB | A-1 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 0 | 18.0 |
| 3 3V 1060 TB | 10.60 | 10.55 | B-2 | 2517 | 2 1/2 | 0 | 1 3/4 | 1/4 | 18.0 | 4 3V 1060 TB | A-2 | 2517 | 2 1/2 | 5/32 | 1 3/4 | 0 | 19.0 |
| 3 3V 1400 TB | 14.00 | 13.95 | B-3 | 2517 | 2 1/2 | 0 | 1 3/4 | 1/4 | 20.0 | 4 3V 1400 TB | A-3 | 2517 | 2 1/2 | 0 | 1 3/4 | 5/32 | 22.0 |
| 3 3V 1900 TB | 19.00 | 18.95 | B-3 | 3020 | 3 | 0 | 2 | 1/2 | 36.0 | 4 3V 1900 TB | C-3 | 3020 | 3 | 0 | 2 | 3/32 | 45.0 |
| 3 3V 2500 TB | 25.00 | 24.95 | B-3 | 3020 | 3 | 0 | 2 | 1/2 | 47.0 | 4 3V 2500 TB | C-3 | 3020 | 3 | 0 | 2 | 3/32 | 63.0 |
| 3 3V 3350 TB | 33.50 | 33.45 | B-3 | 3020 | 3 | 1/4 | 2 | 1/4 | 76.0 | 4 3V 3350 TB | C-3 | 3030 | 3 | 35/64 | 3 | 35/64 | 80.0 |

El peso no incluye el buje. En la página B-8 encontrará las dimensiones de los bujes.

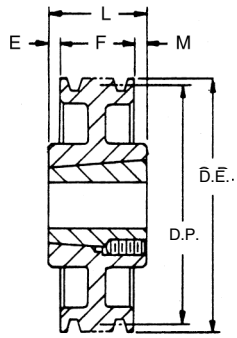
# 3V Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia




TIPO A




TIPO B




TIPO C

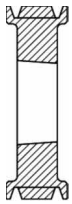
**Dimensiones en pulgadas, peso en libras**

| 5 Ranuras | | | | | | | | | | 6 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 2 5/16 | | | | | | | | | | F = 2 23/32 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Buje | M | Peso sin Buje |
| 5 3V 450 TB | 4.50 | 4.45 | A-1 | 1615 | 1 5/8 | 0 | 1 1/2 | 13/16 | 4.0 | | | | | | | | |
| 5 3V 475 TB | 4.75 | 4.70 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 4.0 | 6 3V 475 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 4.4 |
| 5 3V 500 TB | 5.00 | 4.95 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 4.8 | 6 3V 500 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 5.4 |
| 5 3V 530 TB | 5.30 | 5.25 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 5.9 | 6 3V 530 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 6.5 |
| 5 3V 560 TB | 5.60 | 5.55 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 7.0 | 6 3V 560 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 7.7 |
| 5 3V 600 TB | 6.00 | 5.95 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 8.0 | 6 3V 600 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 9.5 |
| 5 3V 650 TB | 6.50 | 6.45 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 11.0 | 6 3V 650 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 12.0 |
| 5 3V 690 TB | 6.90 | 6.85 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 13.0 | 6 3V 690 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 13.0 |
| 5 3V 800 TB | 8.00 | 7.95 | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 19.0 | 6 3V 800 TB | A-1 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 20.0 |
| 5 3V 1060 TB | 10.60 | 10.55 | A-2 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 0 | 21.0 | 6 3V 1060 TB | A-2 | 2517 | 2 1/2 | 31/32 | 1 3/4 | 0 | 21.0 |
| 5 3V 1400 TB | 14.00 | 13.95 | A-3 | 2517 | 2 1/2 | 0 | 1 3/4 | 9/16 | 30.0 | 6 3V 1400 TB | A-3 | 2517 | 2 1/2 | 7/32 | 1 3/4 | 0 | 30.0 |
| 5 3V 1900 TB | 19.00 | 18.95 | A-3 | 3030 | 3 | 0 | 2 | 5/16 | 51.0 | 6 3V 1900 TB | B-3 | 3020 | 3 | 0 | 2 | 23/32 | 51.0 |
| 5 3V 2500 TB | 25.00 | 24.95 | B-3 | 3030 | 3 | 0 | 3 | 11/16 | 76.0 | 6 3V 2500 TB | B-3 | 3030 | 3 | 0 | 3 | 9/32 | 81.0 |
| 5 3V 3350 TB | 33.50 | 33.45 | C-3 | 3030 | 3 | 11/32 | 3 | 11/32 | 97.0 | 6 3V 3350 TB | C-3 | 3030 | 3 | 9/64 | 3 | 9/64 | 110.0 |

**Dimensiones en pulgadas, peso en libras**

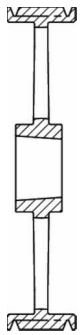
| 8 Ranuras | | | | | | | | | | 10 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 3 17/32 | | | | | | | | | | F = 4 11/32 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 3V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Buje | M | Peso sin Buje |
| 8 3V 475 TB | 4.75 | 4.70 | A-1 | 2517 | 2 1/2 | 1 25/32 | 1 3/4 | 0 | 5.0 | 10 3V 475 TB | A-1 | 2517 | 2 1/2 | 2 19/32 | 1 3/4 | 0 | 6.0 |
| 8 3V 500 TB | 5.00 | 4.95 | A-1 | 2517 | 2 1/2 | 1 25/32 | 1 3/4 | 0 | 6.0 | 10 3V 500 TB | A-1 | 2517 | 2 1/2 | 2 19/32 | 1 3/4 | 0 | 7.0 |
| 8 3V 530 TB | 5.30 | 5.25 | A-1 | 2517 | 2 1/2 | 1 1/32 | 1 3/4 | 3/4 | 7.8 | 10 3V 530 TB | A-1 | 2517 | 2 1/2 | 1 27/32 | 1 3/4 | 3/4 | 8.0 |
| 8 3V 560 TB | 5.60 | 5.55 | A-1 | 2517 | 2 1/2 | 1/4 | 1 3/4 | 1 17/32 | 9.0 | 10 3V 560 TB | A-1 | 2517 | 2 1/2 | 1/2 | 1 3/4 | 2 3/32 | 9.0 |
| 8 3V 600 TB | 6.00 | 5.95 | A-1 | 2517 | 2 1/2 | 1/4 | 1 3/4 | 1 17/32 | 11.0 | 10 3V 600 TB | A-1 | 2517 | 2 1/2 | 1/2 | 1 3/4 | 2 3/32 | 12.0 |
| 8 3V 650 TB | 6.50 | 6.45 | A-1 | 2517 | 2 1/2 | 1/4 | 1 3/4 | 1 17/32 | 13.0 | 10 3V 650 TB | A-1 | 2517 | 2 1/2 | 1/2 | 1 3/4 | 2 3/32 | 14.0 |
| 8 3V 690 TB | 6.90 | 6.85 | A-1 | 2517 | 2 1/2 | 1/4 | 1 3/4 | 1 17/32 | 15.0 | 10 3V 690 TB | A-1 | 2517 | 2 1/2 | 1/2 | 1 3/4 | 2 3/32 | 17.0 |
| 8 3V 800 TB | 8.00 | 7.95 | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/32 | 19.0 | 10 3V 800 TB | A-1 | 3020 | 3 | 1/4 | 2 | 2 3/32 | 22.0 |
| 8 3V 1060 TB | 10.60 | 10.55 | A-2 | 3020 | 3 | 1/2 | 2 | 1 1/32 | 26.0 | 10 3V 1060 TB | A-2 | 3020 | 3 | 27/32 | 2 | 1 1/2 | 32.0 |
| 8 3V 1400 TB | 14.00 | 13.95 | A-3 | 3020 | 3 | 21/32 | 2 | 7/8 | 52.0 | 10 3V 1400 TB | A-2 | 3535 | 3 1/2 | 0 | 3 1/2 | 27/32 | 59.0 |
| 8 3V 1900 TB | 19.00 | 18.95 | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/32 | 63.0 | 10 3V 1900 TB | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 27/32 | 71.0 |
| 8 3V 2500 TB | 25.00 | 24.95 | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/32 | 89.0 | 10 3V 2500 TB | A-3 | 4040 | 4 | 0 | 4 | 11/32 | 121.0 |
| 8 3V 3350 TB | 33.50 | 33.45 | C-3 | 4040 | 4 | 15/64 | 4 | 15/64 | 131.0 | 10 3V 3350 TB | A-3 | 4040 | 4 | 11/64 | 4 | 11/32 | 172.0 |

# Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia 5V

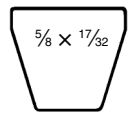


1 = SÓLIDA

2 = ALMA



3 = RAYOS



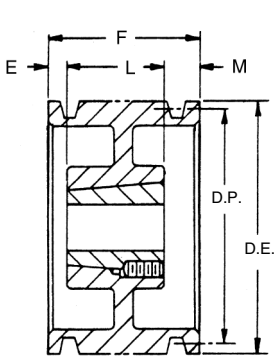

5V

**Dimensiones en pulgadas, peso en libras**

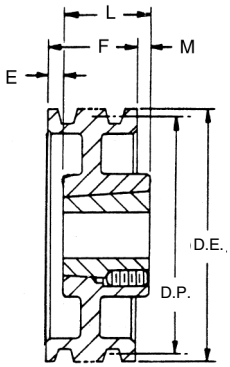
| 2 Ranuras | | | | | | | | | | 3 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1 11/16 | | | | | | | | | | F = 2 3/8 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| *2 5V 440 TB | 4.4 | 4.30 | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 5/8 | 3 | *3 5V 440 TB | A-1 | 1610 | 1 5/8 | 1 3/8 | 1 | 0 | 4.0 |
| *2 5V 465 TB | 4.65 | 4.55 | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 5/8 | 3 | *3 5V 465 TB | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 1 5/16 | 5.0 |
| | 4.9 | 4.80 | | | | | | | | *3 5V 490 TB | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 1 5/16 | 5.0 |
| *2 5V 520 TB | 5.2 | 5.10 | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 5/8 | 4 | *3 5V 520 TB | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 1 5/16 | 6.0 |
| *2 5V 550 TB | 5.5 | 5.40 | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 5/8 | 5 | *3 5V 550 TB | A-1 | 1610 | 1 5/8 | 1/16 | 1 | 1 5/16 | 6.0 |
| | 5.9 | 5.8 | | | | | | | | *3 5V 590 TB | A-1 | 2517 | 2 1/2 | 0 | 1 3/4 | 5/8 | 7.0 |
| *2 5V 630 TB | 6.3 | 6.20 | A-1 | 1610 | 1 5/8 | 0 | 1 | 11/16 | 7 | *3 5V 630 TB | A-1 | 2517 | 2 1/2 | 0 | 1 3/4 | 5/8 | 9.0 |
| *2 5V 670 TB | 6.7 | 6.60 | A-1 | 1610 | 1 5/8 | 0 | 1 | 11/16 | 9 | *3 5V 670 TB | A-1 | 2517 | 2 1/2 | 0 | 1 3/4 | 5/8 | 10.0 |
| 2 5V 710 TB | 7.10 | 7.00 | B-1 | 2517 | 2 1/2 | 1/16 | 1 3/4 | 0 | 10.0 | 3 5V 710 TB | A-1 | 2517 | 2 1/2 | 5/8 | 1 3/4 | 0 | 11.0 |
| 2 5V 750 TB | 7.50 | 7.40 | B-1 | 2517 | 2 1/2 | 1/16 | 1 3/4 | 0 | 13.0 | 3 5V 750 TB | A-1 | 2517 | 2 1/2 | 5/8 | 1 3/4 | 0 | 14.0 |
| 2 5V 800 TB | 8.00 | 7.90 | B-1 | 2517 | 2 1/2 | 1/16 | 1 3/4 | 0 | 14.0 | 3 5V 800 TB | A-1 | 2517 | 2 1/2 | 5/8 | 1 3/4 | 0 | 16.0 |
| 2 5V 850 TB | 8.50 | 8.40 | B-2 | 2517 | 2 1/2 | 1/16 | 1 3/4 | 0 | 15.0 | 3 5V 850 TB | A-2 | 2517 | 2 1/2 | 5/8 | 1 3/4 | 0 | 17.0 |
| 2 5V 900 TB | 9.00 | 8.90 | B-2 | 2517 | 2 1/2 | 1/16 | 1 3/4 | 0 | 16.0 | 3 5V 900 TB | A-2 | 2517 | 2 1/2 | 5/8 | 1 3/4 | 0 | 19.0 |
| 2 5V 925 TB | 9.25 | 9.15 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 17.0 | 3 5V 925 TB | A-1 | 3020 | 3 | 0 | 2 | 3/8 | 23.0 |
| 2 5V 975 TB | 9.75 | 9.65 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 18.0 | 3 5V 975 TB | A-1 | 3020 | 3 | 0 | 2 | 3/8 | 24.0 |
| 2 5V 1030 TB | 10.30 | 10.20 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 20.0 | 3 5V 1030 TB | A-2 | 3020 | 3 | 0 | 2 | 3/8 | 27.0 |
| 2 5V 1090 TB | 10.90 | 10.80 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 22.0 | 3 5V 1090 TB | A-2 | 3020 | 3 | 0 | 2 | 3/8 | 28.0 |
| 2 5V 1180 TB | 11.80 | 11.70 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 26.0 | 3 5V 1180 TB | A-2 | 3020 | 3 | 0 | 2 | 3/8 | 30.0 |
| 2 5V 1250 TB | 12.50 | 12.40 | B-2 | 3020 | 3 | 0 | 2 | 5/16 | 28.0 | 3 5V 1250 TB | A-2 | 3020 | 3 | 0 | 2 | 3/8 | 32.0 |
| 2 5V 1320 TB | 13.20 | 13.10 | B-3 | 3020 | 3 | 0 | 2 | 5/16 | 29.0 | 3 5V 1320 TB | A-2 | 3020 | 3 | 0 | 2 | 3/8 | 34.0 |
| 2 5V 1400 TB | 14.00 | 13.90 | B-3 | 3020 | 3 | 0 | 2 | 5/16 | 33.0 | 3 5V 1400 TB | A-3 | 3020 | 3 | 0 | 2 | 3/8 | 36.0 |
| 2 5V 1500 TB | 15.00 | 14.90 | B-3 | 3020 | 3 | 0 | 2 | 5/16 | 35.0 | 3 5V 1500 TB | A-3 | 3020 | 3 | 0 | 2 | 3/8 | 41.0 |
| 2 5V 1600 TB | 16.00 | 15.90 | B-3 | 3020 | 3 | 0 | 2 | 5/16 | 45.0 | 3 5V 1600 TB | A-3 | 3020 | 3 | 0 | 2 | 3/8 | 50.0 |
| 2 5V 1870 TB | 18.7 | 18.60 | C-3 | 3020 | 3 | 0 | 2 | 5/16 | 40 | 3 5V 1870 TB | A-3 | 3020 | 3 | 0 | 2 | 3/8 | 52.0 |
| 2 5V 2120 TB | 21.20 | 21.10 | C-3 | 3535 | 3 1/2 | 3/8 | 3 1/2 | 1 7/16 | 68.0 | 3 5V 2120 TB | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1 1/8 | 65.0 |
| 2 5V 2360 TB | 23.6 | 23.50 | C-3 | 3535 | 3 1/2 | 1/4 | 3 1/2 | 1 9/16 | 56 | 3 5V 2360 TB | C-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1 1/8 | 68.0 |
| 2 5V 2800 TB | 28.00 | 27.90 | C-3 | 3535 | 3 1/2 | 3/8 | 3 1/2 | 1 7/16 | 96.0 | 3 5V 2800 TB | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1 1/8 | 99.0 |
| | 31.5 | 31.40 | | | | | | | | 3 5V 3150 TB | C-3 | 3535 | 3 1/2 | 11/32 | 3 1/2 | 25/32 | 96.0 |
| | 37.50 | 37.40 | | | | | | | | 3 5V 3750 TB | C-3 | 4040 | 4 | 1/2 | 4 | 1 1/8 | 172.0 |
| | 50.00 | 49.90 | | | | | | | | 3 5V 5000 TB | C-3 | 4040 | 4 | 1/2 | 4 | 1 1/8 | 201.0 |

El peso no incluye el buje. En las páginas B-8 y B-9 encontrará las dimensiones de los bujes.
* Con estas poleas se deberán usar solamente bandas 5VX.

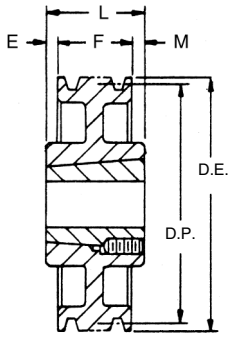
# 5V Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia



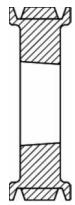

TIPO A




TIPO B

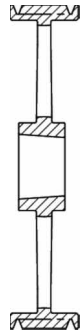



TIPO C



1 = SÓLIDA

2 = ALMA



3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 4 Ranuras | | | | | | | | | | 5 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 3 1/16 | | | | | | | | | | F = 3 3/4 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| * 4 5V 440 TB | 4.40 | 4.30 | A-1 | 1610 | 1 5/8 | 2 1/16 | 1 | 0 | 6.0 | | | | | | | | |
| *4 5V 465 TB | 4.65 | 4.55 | A-1 | 1610 | 1 5/8 | 2 1/16 | 1 | 0 | 6.0 | | | | | | | | |
| *4 5V 490 TB | 4.90 | 4.80 | A-1 | 1610 | 1 5/8 | 2 1/16 | 1 | 0 | 6.0 | | | | | | | | |
| *4 5V 520 TB | 5.20 | 5.10 | A-1 | 1610 | 1 5/8 | 2 1/16 | 1 | 0 | 7.0 | | | | | | | | |
| *4 5V 550 TB | 5.50 | 5.40 | A-1 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 8.0 | | | | | | | | |
| *4 5V 590 TB | 5.90 | 5.80 | A-1 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 10.0 | *5 5V 590 TB | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 1 7/16 | 11.0 |
| *4 5V 630 TB | 6.30 | 6.20 | A-1 | 2517 | 2 1/2 | 0 | 1 3/4 | 1 5/16 | 11.0 | *5 5V 630 TB | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 1 7/16 | 12.0 |
| *4 5V 670 TB | 6.70 | 6.60 | A-1 | 2517 | 2 1/2 | 0 | 1 3/4 | 1 5/16 | 12.0 | *5 5V 670 TB | A-1 | 2517 | 2 1/2 | 9/16 | 1 3/4 | 1 7/16 | 13.0 |
| 4 5V 710 TB | 7.10 | 7.00 | A-1 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 14.0 | 5 5V 710 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 15.0 |
| 4 5V 750 TB | 7.50 | 7.40 | A-1 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 16.0 | 5 5V 750 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 17.0 |
| 4 5V 800 TB | 8.00 | 7.90 | A-1 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 17.0 | 5 5V 800 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 20.0 |
| 4 5V 850 TB | 8.50 | 8.40 | A-2 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 18.0 | 5 5V 850 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 22.0 |
| 4 5V 900 TB | 9.00 | 8.90 | A-2 | 2517 | 2 1/2 | 1 5/16 | 1 3/4 | 0 | 19.0 | 5 5V 900 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 30.0 |
| 4 5V 925 TB | 9.25 | 9.15 | A-1 | 3020 | 3 | 1/2 | 2 | 9/16 | 22.0 | 5 5V 925 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 36.0 |
| 4 5V 975 TB | 9.75 | 9.65 | A-1 | 3020 | 3 | 1/2 | 2 | 9/16 | 27.0 | 5 5V 975 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 37.0 |
| 4 5V 1030 TB | 10.30 | 10.20 | A-2 | 3020 | 3 | 1/2 | 2 | 9/16 | 28.0 | 5 5V 1030 TB | A-2 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 38.0 |
| 4 5V 1090 TB | 10.90 | 10.80 | A-2 | 3020 | 3 | 1/2 | 2 | 9/16 | 31.0 | 5 5V 1090 TB | A-2 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 39.0 |
| 4 5V 1130 TB | 11.30 | 11.20 | A-1 | 3020 | 3 | 0 | 2 | 1 1/16 | 32.0 | 5 5V 1130 TB | A-1 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 38.0 |
| 4 5V 1180 TB | 11.80 | 11.70 | A-2 | 3020 | 3 | 1/2 | 2 | 9/16 | 35.0 | 5 5V 1180 TB | A-2 | 3020 | 3 | 1/2 | 2 | 1 1/4 | 40.0 |
| 4 5V 1250 TB | 12.50 | 12.40 | A-2 | 3020 | 3 | 0 | 2 | 1 1/16 | 44.0 | 5 5V 1250 TB | A-2 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 50.0 |
| 4 5V 1320 TB | 13.20 | 13.10 | A-3 | 3020 | 3 | 0 | 2 | 1 1/16 | 42.0 | 5 5V 1320 TB | A-2 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 56.0 |
| 4 5V 1400 TB | 14.00 | 13.90 | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 53.0 | 5 5V 1400 TB | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 58.0 |
| 4 5V 1500 TB | 15.00 | 14.90 | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 54.0 | 5 5V 1500 TB | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 65.0 |
| 4 5V 1600 TB | 16.00 | 15.90 | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 60.0 | 5 5V 1600 TB | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 70.0 |
| 4 5V 1870 TB | 18.70 | 18.60 | C-3 | 3535 | 3 1/2 | 7/16 | 3 1/2 | 0 | 63.0 | 5 5V 1870 TB | A-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 1/4 | 84.0 |
| 4 5V 2120 TB | 21.20 | 21.10 | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 72.0 | 5 5V 2120 TB | B-3 | 4040 | 4 | 0 | 4 | 1/4 | 115.0 |
| 4 5V 2360 TB | 23.60 | 23.50 | C-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 79.0 | 5 5V 2360 TB | C-3 | 4040 | 4 | 0 | 4 | 1/4 | 92.0 |
| 4 5V 2800 TB | 28.00 | 27.90 | B-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 125.0 | 5 5V 2800 TB | B-3 | 4040 | 4 | 0 | 4 | 1/4 | 160.0 |
| 4 5V 3150 TB | 31.50 | 31.40 | C-3 | 3535 | 3 1/2 | 0 | 3 1/2 | 7/16 | 114.0 | 5 5V 3150 TB | A-3 | 4040 | 4 | 0 | 4 | 1/4 | 155.0 |
| 4 5V 3750 TB | 37.50 | 37.40 | B-3 | 4040 | 4 | 0 | 4 | 15/16 | 189.0 | 5 5V 3750 TB | B-3 | 4040 | 4 | 0 | 4 | 1/4 | 182.0 |
| 4 5V 5000 TB | 50.00 | 49.90 | B-3 | 4040 | 4 | 0 | 4 | 15/16 | 371.0 | 5 5V 5000 TB | B-3 | 4545 | 4 1/2 | 0 | 4 1/2 | 3/4 | 288.0 |

El peso no incluye el buje. En las páginas B-8 y B-9 encontrará las dimensiones de los bujes.
* Con estas poleas se deberán usar solamente bandas 5VX.

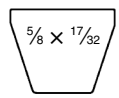
# Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia 5V

**Dimensiones en pulgadas, peso en libras**

| 6 Ranuras | | | | | | | | | | 8 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 4 7/16 | | | | | | | | | | F = 5 13/16 | | | | | | | |
| No. de Parte | Diámetro DE | Diámetro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| * 6 5V 590 TB | 5.90 | 5.80 | A-1 | 2517 | 2½ | 1⅛ | 1¾ | 1 9/16 | 13.0 | | | | | | | | |
| * 6 5V 630 TB | 6.30 | 6.20 | A-1 | 2517 | 2½ | 13/16 | 1¾ | 1⅞ | 13.0 | | | | | | | | |
| * 6 5V 670 TB | 6.70 | 6.60 | A-1 | 2517 | 2½ | 13/16 | 1¾ | 1⅞ | 15.0 | | | | | | | | |
| 6 5V 710 TB | 7.10 | 7.00 | A-1 | 3020 | 3 | ¾ | 2 | 1 11/16 | 17.0 | 8 5V 710 TB | A-1 | 3030 | 3 | 1 | 3 | 1 13/16 | 24.0 |
| 6 5V 750 TB | 7.50 | 7.40 | A-1 | 3020 | 3 | ¾ | 2 | 1 11/16 | 20.0 | 8 5V 750 TB | A-1 | 3030 | 3 | 1 | 3 | 1 13/16 | 27.0 |
| 6 5V 800 TB | 8.00 | 7.90 | A-1 | 3020 | 3 | ¾ | 2 | 1 11/16 | 24.0 | 8 5V 800 TB | A-1 | 3030 | 3 | 1 | 3 | 1 13/16 | 33.0 |
| 6 5V 850 TB | 8.50 | 8.40 | A-1 | 3020 | 3 | ¾ | 2 | 1 11/16 | 28.0 | 8 5V 850 TB | A-1 | 3030 | 3 | 1 | 3 | 1 13/16 | 39.0 |
| 6 5V 900 TB | 9.00 | 8.90 | A-1 | 3020 | 3 | ¾ | 2 | 1 11/16 | 32.0 | 8 5V 900 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 44.0 |
| 6 5V 925 TB | 9.25 | 9.15 | A-1 | 3535 | 3½ | 0 | 3½ | 15/16 | 39.0 | 8 5V 925 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 48.0 |
| 6 5V 975 TB | 9.75 | 9.65 | A-1 | 3535 | 3½ | 0 | 3½ | 15/16 | 50.0 | 8 5V 975 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 55.0 |
| 6 5V 1030 TB | 10.30 | 10.20 | A-1 | 3535 | 3½ | 0 | 3½ | 15/16 | 58.0 | 8 5V 1030 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 64.0 |
| 6 5V 1090 TB | 10.90 | 10.80 | A-1 | 3535 | 3½ | 0 | 3½ | 15/16 | 60.0 | 8 5V 1090 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 68.0 |
| | 11.30 | 11.20 | | | | | | | | 8 5V 1130 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 57.0 |
| 6 5V 1180 TB | 11.80 | 11.70 | A-2 | 3535 | 3½ | 0 | 3½ | 15/16 | 62.0 | 8 5V 1180 TB | A-1 | 3535 | 3½ | 1 | 3½ | 1 5/16 | 74.0 |
| 6 5V 1250 TB | 12.50 | 12.40 | A-2 | 3535 | 3½ | 0 | 3½ | 15/16 | 65.0 | 8 5V 1250 TB | A-1 | 4040 | 4 | ¼ | 4 | 1 9/16 | 82.0 |
| 6 5V 1320 TB | 13.20 | 13.10 | A-2 | 3535 | 3½ | 0 | 3½ | 15/16 | 68.0 | 8 5V 1320 TB | A-1 | 4040 | 4 | ¼ | 4 | 1 9/16 | 87.0 |
| 6 5V 1400 TB | 14.00 | 13.90 | A-2 | 3535 | 3½ | 0 | 3½ | 15/16 | 72.0 | 8 5V 1400 TB | A-2 | 4040 | 4 | ¼ | 4 | 1 9/16 | 90.0 |
| 6 5V 1500 TB | 15.00 | 14.90 | A-2 | 4040 | 4 | 0 | 4 | 7/16 | 91.0 | 8 5V 1500 TB | A-2 | 4040 | 4 | ¼ | 4 | 1 9/16 | 97.0 |
| 6 5V 1600 TB | 16.00 | 15.90 | A-3 | 4040 | 4 | 0 | 4 | 7/16 | 97.0 | 8 5V 1600 TB | A-3 | 4040 | 4 | ¼ | 4 | 1 9/16 | 106.0 |
| 6 5V 1870 TB | 18.70 | 18.60 | A-2 | 4040 | 4 | 0 | 4 | 7/16 | 97.0 | 8 5V 1870 TB | A-3 | 4040 | 4 | ¼ | 4 | 1 9/16 | 112.0 |
| 6 5V 2120 TB | 21.20 | 21.10 | A-3 | 4040 | 4 | 0 | 4 | 7/16 | 123.0 | 8 5V 2120 TB | A-3 | 4040 | 4 | ¼ | 4 | 1 9/16 | 144.0 |
| 6 5V 2360 TB | 23.60 | 23.50 | A-3 | 4040 | 4 | 0 | 4 | 7/16 | 124.0 | 8 5V 2360 TB | A-3 | 4040 | 4 | ¼ | 4 | 1 9/16 | 145.0 |
| 6 5V 2800 TB | 28.00 | 27.90 | A-3 | 4040 | 4 | 0 | 4 | 7/16 | 176.0 | 8 5V 2800 TB | A-3 | 4545 | 4½ | ¼ | 4½ | 1 1/16 | 206.0 |
| 6 5V 3150 TB | 31.50 | 31.40 | A-3 | 4040 | 4 | 0 | 4 | 7/16 | 171.0 | 8 5V 3150 TB | A-3 | 4545 | 4½ | ¼ | 4½ | 1 1/16 | 228.0 |
| 6 5V 3750 TB | 37.50 | 37.40 | B-3 | 4545 | 4½ | 0 | 4½ | 1/16 | 254.0 | 8 5V 3750 TB | A-3 | 4545 | 4½ | ¼ | 4½ | 1 1/16 | 271.0 |
| 6 5V 5000 TB | 50.00 | 49.90 | B-3 | 4545 | 4½ | 0 | 4½ | 1/16 | 386.0 | 8 5V 5000 TB | A-3 | 4545 | 4½ | ¼ | 4½ | 1 1/16 | 458.0 |

**Dimensiones en pulgadas, peso en libras**

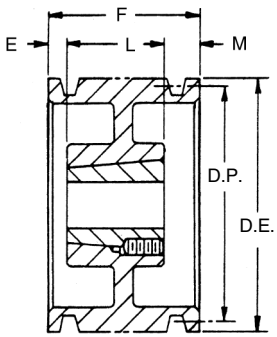
| 10 Ranuras | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| F = 7 3/16 | | | | | | | | | |
| No. de Parte | Diámetro D.E. | Diámetro Paso 5V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 10 5V 800 TB | 8.00 | 7.90 | A-1 | 3030 | 3 | 1 | 3 | 3 3/16 | 36.0 |
| 10 5V 850 TB | 8.50 | 8.40 | A-1 | 3030 | 3 | 1 | 3 | 3 3/16 | 42.0 |
| 10 5V 900 TB | 9.00 | 8.90 | A-1 | 3535 | 3½ | 1 | 3½ | 2 11/16 | 47.0 |
| 10 5V 925 TB | 9.25 | 9.15 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 50.0 |
| 10 5V 975 TB | 9.75 | 9.65 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 58.0 |
| 10 5V 1030 TB | 10.30 | 10.20 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 69.0 |
| 10 5V 1090 TB | 10.90 | 10.80 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 79.0 |
| 10 5V 1130 TB | 11.30 | 11.20 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 80.0 |
| 10 5V 1180 TB | 11.80 | 11.70 | A-1 | 4040 | 4 | 1 | 4 | 2 3/16 | 96.0 |
| 10 5V 1250 TB | 12.50 | 12.40 | A-2 | 4040 | 4 | ¾ | 4 | 2 7/16 | 116.0 |
| 10 5V 1320 TB | 13.20 | 13.10 | A-2 | 4040 | 4 | ¾ | 4 | 2 7/16 | 130.0 |
| 10 5V 1400 TB | 14.00 | 13.90 | A-2 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 150.0 |
| 10 5V 1500 TB | 15.00 | 14.90 | A-2 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 155.0 |
| 10 5V 1600 TB | 16.00 | 15.90 | A-2 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 160.0 |
| 10 5V 1870 TB | 18.70 | 18.60 | A-2 | 4545 | 4½ | ½ | 4½ | 2 3/16 | 116.0 |
| 10 5V 2120 TB | 21.20 | 21.10 | A-3 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 210.0 |
| 10 5V 2360 TB | 23.60 | 23.50 | A-2 | 4545 | 4½ | ½ | 4½ | 2 3/16 | 191.0 |
| 10 5V 2800 TB | 28.00 | 27.90 | A-3 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 248.0 |
| 10 5V 3150 TB | 31.50 | 31.40 | A-3 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 259.0 |
| 10 5V 3750 TB | 37.50 | 37.40 | A-3 | 4545 | 4½ | ¾ | 4½ | 1 15/16 | 375.0 |
| 10 5V 5000 TB | 50.00 | 49.90 | A-3 | 5050 | 5 | ¾ | 5 | 1 7/16 | 502.0 |



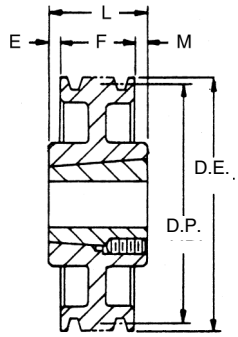

5V

El peso no incluye el buje. En las páginas B-8 y B-9 encontrará las dimensiones de los bujes.
* Con estas poleas se deberán usar solamente bandas 5VX.

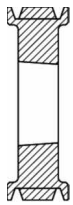
# 8V Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia



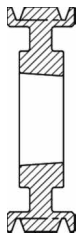

**TIPO A**



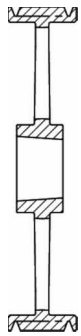

**TIPO C**



**1 = SÓLIDA**



**2 = ALMA**



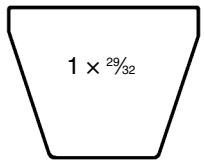
**3 = RAYOS**

**Dimensiones en pulgadas, peso en libras**

| 4 Ranuras F = 4⅞ | | | | | | | | | | 5 Ranuras F = 6 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | Diámetro DE | Diámetro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 4 8V 1250 TB | 12.5 | 12.3 | A-1 | 4040 | 4 | 0 | 4 | ⅞ | 88.0 | 5 8V 1250 TB | A-1 | 4040 | 4 | 3/16 | 4 | 1 13/16 | 100.0 |
| 4 8V 1320 TB | 13.2 | 13.0 | A-1 | 4040 | 4 | 0 | 4 | ⅞ | 102.0 | 5 8V 1320 TB | A-1 | 4040 | 4 | 3/16 | 4 | 1 13/16 | 115.0 |
| 4 8V 1400 TB | 14.0 | 13.8 | A-1 | 4040 | 4 | 0 | 4 | ⅞ | 123.0 | 5 8V 1400 TB | A-1 | 4040 | 4 | 3/16 | 4 | 1 13/16 | 133.0 |
| 4 8V 1500 TB | 15.0 | 14.8 | A-1 | 4040 | 4 | 0 | 4 | ⅞ | 145.0 | 5 8V 1500 TB | A-1 | 4040 | 4 | 3/16 | 4 | 1 13/16 | 156.0 |
| 4 8V 1600 TB | 16.0 | 15.8 | A-2 | 4040 | 4 | 0 | 4 | ⅞ | 111.0 | 5 8V 1600 TB | A-1 | 4040 | 4 | ½ | 4 | 1½ | 181.0 |
| 4 8V 1700 TB | 17.0 | 16.8 | A-2 | 4040 | 4 | 0 | 4 | ⅞ | 120.0 | 5 8V 1700 TB | A-2 | 4545 | 4½ | 0 | 4½ | 1½ | 146.0 |
| 4 8V 1800 TB | 18.0 | 17.8 | A-2 | 4040 | 4 | 0 | 4 | ⅞ | 130.0 | 5 8V 1800 TB | A-2 | 4545 | 4½ | 0 | 4½ | 1½ | 156.0 |
| 4 8V 1900 TB | 19.0 | 18.8 | A-2 | 4040 | 4 | 0 | 4 | ⅞ | 140.0 | 5 8V 1900 TB | A-2 | 4545 | 4½ | 0 | 4½ | 1½ | 176.0 |
| 4 8V 2000 TB | 20.0 | 19.8 | A-2 | 4545 | 4½ | 0 | 4½ | ⅜ | 151.0 | 5 8V 2000 TB | A-2 | 4545 | 4½ | 0 | 4½ | 1½ | 186.0 |
| 4 8V 2120 TB | 21.2 | 21.0 | A-3 | 4545 | 4½ | 0 | 4½ | ⅜ | 154.0 | 5 8V 2120 TB | A-3 | 4545 | 4½ | 0 | 4½ | 1½ | 195.0 |
| 4 8V 2240 TB | 22.4 | 22.2 | A-3 | 4545 | 4½ | 0 | 4½ | ⅜ | 185.0 | 5 8V 2240 TB | A-3 | 4545 | 4½ | 0 | 4½ | 1½ | 200.0 |
| 4 8V 2480 TB | 24.8 | 24.6 | D-3 | 5050 | 5 | 15/16 | 5 | 13/16 | 191.0 | 5 8V 2480 TB | A-3 | 5050 | 5 | 0 | 5 | 1½ | 206.0 |
| 4 8V 3000 TB | 30.0 | 29.8 | C-3 | 5050 | 5 | 0 | 5 | ⅛ | 246.0 | 5 8V 3000 TB | A-3 | 5050 | 5 | 0 | 5 | 1 | 278.0 |
| 4 8V 3550 TB | 35.5 | 35.3 | D-3 | 5050 | 5 | 1⅛ | 5 | 1 | 278.0 | 5 8V 3550 TB | A-3 | 5050 | 5 | 0 | 5 | 1 | 399.0 |
| 4 8V 4000 TB | 40.0 | 39.8 | B-3 | 5050 | 5 | 0 | 5 | ⅛ | 292.0 | 5 8V 4000 TB | A-3 | 5050 | 5 | 0 | 5 | 1 | 350.0 |
| 4 8V 4450 TB | 44.5 | 44.3 | D-3 | 5050 | 5 | ¼ | 5 | ⅛ | 367.0 | 5 8V 4450 TB | A-3 | 5050 | 5 | 0 | 5 | 1 | 572.0 |
| 4 8V 5300 TB | 53.0 | 52.8 | B-3 | 5050 | 5 | 0 | 5 | ⅛ | 573.0 | 5 8V 5300 TB | A-3 | 5050 | 5 | 0 | 5 | 1 | 565.0 |

El peso no incluye el buje. En las páginas B-8 y B-9 encontrará las dimensiones de los bujes.

# Poleas para Buje Taper de Alta Capacidad "Hi-Cap" en Existencia 8V




**8V**

**Dimensiones en pulgadas, peso en libras**

## 6 Ranuras — F = 6⅛

| No. de Parte | Diámetro DE | Diámetro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|
| 6 8V 1250 TB | 12.5 | 12.3 | A-1 | 4040 | 4 | 1 | 4 | 2⅛ | 100.0 |
| 6 8V 1320 TB | 13.2 | 13.0 | A-1 | 4040 | 4 | 1 | 4 | 2⅛ | 124.0 |
| 6 8V 1400 TB | 14.0 | 13.8 | A-1 | 4040 | 4 | 1 | 4 | 2⅛ | 142.0 |
| 6 8V 1500 TB | 15.0 | 14.8 | A-1 | 4545 | 4½ | ½ | 4½ | 2⅛ | 153.0 |
| 6 8V 1600 TB | 16.0 | 15.8 | A-2 | 4545 | 4½ | ½ | 4½ | 2⅛ | 170.0 |
| 6 8V 1700 TB | 17.0 | 16.8 | A-2 | 4545 | 4½ | ½ | 4½ | 2⅛ | 175.0 |
| 6 8V 1800 TB | 18.0 | 17.8 | A-2 | 4545 | 4½ | ½ | 4½ | 2⅛ | 180.0 |
| 6 8V 1900 TB | 19.0 | 18.8 | A-2 | 4545 | 4½ | ½ | 4½ | 2⅛ | 182.0 |
| 6 8V 2000 TB | 20.0 | 19.8 | A-2 | 5050 | 5 | ½ | 5 | 1⅝ | 226.0 |
| 6 8V 2120 TB | 21.2 | 21.0 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 246.0 |
| 6 8V 2240 TB | 22.4 | 22.2 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 267.0 |
| 6 8V 2480 TB | 24.8 | 24.6 | D-3 | 5050 | 5 | ⅛ | 5 | 2¼ | 236.0 |
| 6 8V 3000 TB | 30.0 | 29.8 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 398.0 |
| 6 8V 3550 TB | 35.5 | 35.3 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 363.0 |
| 6 8V 4000 TB | 40.0 | 39.8 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 468.0 |
| 6 8V 4450 TB | 44.5 | 44.3 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 485.0 |
| 6 8V 5300 TB | 53.0 | 52.8 | A-3 | 5050 | 5 | ½ | 5 | 1⅝ | 658.0 |

## 8 Ranuras — F = 9⅜

| No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|
| 8 8V 1250 TB | A-1 | 4545 | 4½ | 1½ | 4½ | 3⅜ | 125.0 |
| 8 8V 1320 TB | A-1 | 4545 | 4½ | 1½ | 4½ | 3⅜ | 135.0 |
| 8 8V 1400 TB | A-1 | 4545 | 4½ | 1½ | 4½ | 3⅜ | 156.0 |
| 8 8V 1500 TB | A-1 | 4545 | 4½ | 1½ | 4½ | 3⅜ | 160.0 |
| 8 8V 1600 TB | A-2 | 4545 | 4½ | 1½ | 4½ | 3⅜ | 166.0 |
| 8 8V 1700 TB | A-2 | 5050 | 5 | 1 | 5 | 3⅜ | 265.0 |
| 8 8V 1800 TB | A-2 | 5050 | 5 | 1 | 5 | 3⅜ | 204.0 |
| 8 8V 1900 TB | A-2 | 5050 | 5 | 1 | 5 | 3⅜ | 228.0 |
| 8 8V 2000 TB | A-2 | 5050 | 5 | 1 | 5 | 3⅜ | 234.0 |
| 8 8V 2120 TB | A-3 | 5050 | 5 | 1 | 5 | 3⅜ | 246.0 |
| 8 8V 2240 TB | A-3 | 5050 | 5 | 1 | 5 | 3⅜ | 300.0 |
| 8 8V 2480 TB | A-3 | 5050 | 5 | 2⅛ | 5 | 2¼ | 285.0 |
| 8 8V 3000 TB | A-3 | 5050 | 5 | 1 | 5 | 3⅜ | 384.0 |
| 8 8V 3550 TB | A-3 | 5050 | 5 | 1 | 5 | 3⅜ | 441.0 |
| 8 8V 4000 TB | A-3 | 5050 | 5 | 1 | 5 | 3⅜ | 556.0 |
| 8 8V 4450 TB | A-3 | 6050 | 5 | 1 | 5 | 3⅜ | 596.0 |
| 8 8V 5300 TB | A-3 | 6050 | 6 | 1 | 5 | 3⅜ | 1040.0 |

## 10 Ranuras — F = 11⅝

| No. de Parte | Diámetro DE | Diámetro Paso 8V | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|
| | 12.5 | 12.3 | | | | | | | |
| 10 8V 1320 TB | 13.2 | 13.0 | A-1 | 4545 | 4½ | 1 | 4½ | 6⅛ | 150.0 |
| 10 8V 1400 TB | 14.0 | 13.8 | A-1 | 4545 | 4½ | 1 | 4½ | 6⅛ | 180.0 |
| 10 8V 1500 TB | 15.0 | 14.8 | A-1 | 5050 | 5 | 1 | 5 | 5⅝ | 211.0 |
| 10 8V 1600 TB | 16.0 | 15.8 | A-1 | 5050 | 5 | 1 | 5 | 5⅝ | 220.0 |
| 10 8V 1700 TB | 17.0 | 16.8 | A-2 | 5050 | 5 | 2¼ | 5 | 4⅜ | 228.0 |
| 10 8V 1800 TB | 18.0 | 17.8 | A-2 | 5050 | 5 | 2¼ | 5 | 4⅜ | 244.0 |
| 10 8V 1900 TB | 19.0 | 18.8 | A-2 | 5050 | 5 | 2¼ | 5 | 4⅜ | 260.0 |
| 10 8V 2000 TB | 20.0 | 19.8 | A-2 | 5050 | 5 | 2¼ | 5 | 4⅜ | 270.0 |
| 10 8V 2120 TB | 21.2 | 21.0 | A-2 | 5050 | 5 | 2¼ | 5 | 4⅜ | 282.0 |
| 10 8V 2240 TB | 22.4 | 22.2 | A-3 | 5050 | 5 | 2¼ | 5 | 4⅜ | 312.0 |
| 10 8V 2480 TB | 24.8 | 24.6 | A-3 | 5050 | 5 | 2⅜ | 5 | 4¼ | 328.0 |
| 10 8V 3000 TB | 30.0 | 29.8 | A-3 | 5050 | 5 | 2¼ | 5 | 4⅜ | 448.0 |
| 10 8V 3550 TB | 35.5 | 35.3 | A-3 | 6050 | 6 | 2¼ | 5 | 4⅜ | 517.0 |
| 10 8V 4000 TB | 40.0 | 39.8 | A-3 | 6050 | 6 | 2¼ | 5 | 4⅜ | 550.0 |
| 10 8V 4450 TB | 44.5 | 44.3 | A-3 | 6050 | 6 | 2¼ | 5 | 4⅜ | 701.0 |
| 10 8V 5300 TB | 53.0 | 52.8 | A-3 | 6050 | 6 | 2¼ | 5 | 4⅜ | 870.0 |

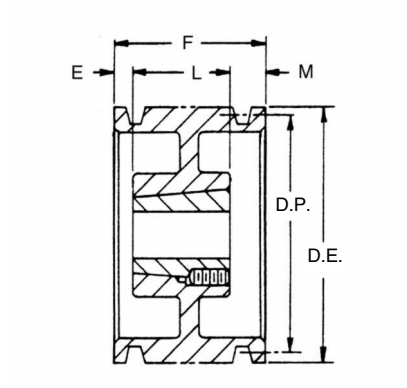
## 12 Ranuras — F = 13⅞

| No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|
| 12 8V 1250 TB | A-1 | 5050 | 5 | 3 3/16 | 5 | 5 11/16 | 153.0 |
| 12 8V 1320 TB | A-1 | 5050 | 5 | 3 | 5 | 5⅞ | 180.0 |
| 12 8V 1400 TB | A-1 | 5050 | 5 | 3 3/16 | 5 | 5 11/16 | 186.0 |
| 12 8V 1500 TB | A-2 | 5050 | 5 | 1⅞ | 5 | 7 | 221.0 |
| 12 8V 1600 TB | A-2 | 5050 | 5 | 1⅞ | 5 | 7 | 247.0 |
| 12 8V 1700 TB | A-2 | 5050 | 5 | 3½ | 5 | 5⅜ | 267.0 |
| 12 8V 1800 TB | A-2 | 5050 | 5 | 3 17/32 | 5 | 5 11/32 | 274.0 |
| 12 8V 1900 TB | A-2 | 5050 | 5 | 2¼ | 5 | 6⅝ | 306.0 |
| 12 8V 2000 TB | A-3 | 5050 | 5 | 2¼ | 5 | 6⅝ | 249.0 |
| 12 8V 2120 TB | A-3 | 5050 | 5 | 2¼ | 5 | 6⅝ | 294.0 |
| 12 8V 2240 TB | A-3 | 5050 | 5 | 2¼ | 5 | 6⅝ | 337.0 |
| 12 8V 2480 TB | A-3 | 5050 | 5 | 5⅜ | 5 | 3½ | 380.0 |
| 12 8V 3000 TB | A-3 | 6050 | 6 | 4 | 5 | 4⅞ | 482.0 |
| 12 8V 3550 TB | A-3 | 6050 | 6 | 4 | 5 | 4⅞ | 597.0 |
| 12 8V 4000 TB | A-3 | 6050 | 6 | 4 | 5 | 4⅞ | 702.0 |
| 12 8V 4450 TB | A-3 | 6050 | 6 | 4 | 5 | 4⅞ | 814.0 |
| 12 8V 5300 TB | A-3 | 7060 | 6 | 5 | 5 | 2⅞ | 1077.0 |

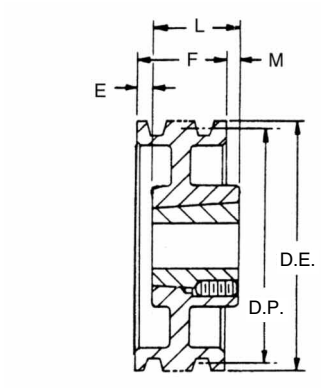
El peso no incluye el buje. En las páginas B-9 y B-10 encontrará las dimensiones de los bujes.

# A/B Poleas Convencionales para Buje Taper de Ranura Combinable en Existencia

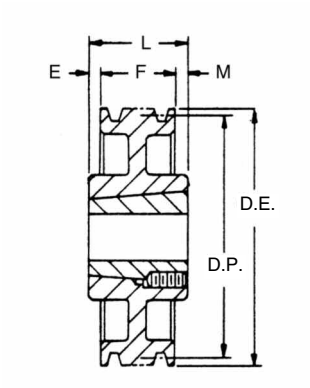
Martin




TIPO A




TIPO B




TIPO C

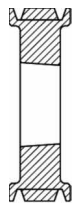
**Dimensiones en pulgadas, peso en libras**

| 1 Ranura | | | | | | | | | | | 2 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 1* | | | | | | | | | | | F = 1¾ | | | | | | | |
| No. de Parte | DP Banda A | DP Banda B | DE | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 1 B 34 TB | 3.0 | 3.4 | 3.75 | A-1 | 1210 | 1¼ | 0 | 1 | 0 | 2.2 | 2 B 34 TB | A-1 | 1210 | 1¼ | ¾ | 1 | 0 | 2.2 |
| 1 B 36 TB | 3.2 | 3.6 | 3.95 | A-1 | 1210 | 1¼ | 0 | 1 | 0 | 2.6 | 2 B 36 TB | A-1 | 1210 | 1¼ | ¾ | 1 | 0 | 2.6 |
| 1 B 38 TB | 3.4 | 3.8 | 4.15 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 2.8 | 2 B 38 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 2.8 |
| 1 B 40 TB | 3.6 | 4.0 | 4.35 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 3.0 | 2 B 40 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 3.0 |
| 1 B 42 TB | 3.8 | 4.2 | 4.55 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 3.5 | 2 B 42 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 4.0 |
| 1 B 44 TB | 4.0 | 4.4 | 4.75 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 3.8 | 2 B 44 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 4.5 |
| 1 B 46 TB | 4.2 | 4.6 | 4.95 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 4.0 | 2 B 46 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 5.0 |
| 1 B 48 TB | 4.4 | 4.8 | 5.15 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 4.5 | 2 B 48 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 5.5 |
| 1 B 50 TB | 4.6 | 5.0 | 5.35 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 4.8 | 2 B 50 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 6.0 |
| 1 B 52 TB | 4.8 | 5.2 | 5.55 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 5.0 | 2 B 52 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 6.5 |
| 1 B 54 TB | 5.0 | 5.4 | 5.75 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 5.5 | 2 B 54 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 7.0 |
| 1 B 56 TB | 5.2 | 5.6 | 5.95 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 6.0 | 2 B 56 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 8.2 |
| 1 B 58 TB | 5.4 | 5.8 | 6.15 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 6.3 | 2 B 58 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 8.6 |
| 1 B 60 TB | 5.6 | 6.0 | 6.35 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 6.7 | 2 B 60 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 8.8 |
| 1 B 62 TB | 5.8 | 6.2 | 6.55 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 7.0 | 2 B 62 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 9.0 |
| 1 B 64 TB | 6.0 | 6.4 | 6.75 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 8.0 | 2 B 64 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 10.0 |
| 1 B 66 TB | 6.2 | 6.6 | 6.95 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 8.5 | 2 B 66 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 10.5 |
| 1 B 68 TB | 6.4 | 6.8 | 7.15 | A-1 | 1610 | 1⅝ | 0 | 1 | 0 | 9.0 | 2 B 68 TB | A-1 | 1610 | 1⅝ | ¾ | 1 | 0 | 11.0 |
| 1 B 70 TB | 7.0 | 7.4 | 7.35 | B-1 | 2517 | 2½ | 0 | 1¾ | ¾ | 8.5 | | | | | | | | |
| 1 B 74 TB | 7.0 | 7.4 | 7.75 | B-1 | 2517 | 2½ | 0 | 1¾ | ¾ | 9.4 | 2 B 74 TB | A-1 | 2517 | 2½ | 0 | 1¾ | 0 | 16.0 |
| 1 B 86 TB | 8.2 | 8.6 | 8.95 | B-2 | 2517 | 2½ | 0 | 1¾ | ¾ | 12.0 | 2 B 86 TB | A-2 | 2517 | 2½ | 0 | 1¾ | 0 | 18.0 |
| 1 B 94 TB | 9.0 | 9.4 | 9.75 | B-2 | 2517 | 2½ | 0 | 1¾ | ¾ | 14.0 | 2 B 94 TB | A-2 | 2517 | 2½ | 0 | 1¾ | 0 | 20.0 |
| 1 B 110 TB | 10.6 | 11.0 | 11.35 | B-2 | 2517 | 2½ | 0 | 1¾ | ¾ | 18.0 | 2 B 110 TB | A-2 | 2517 | 2½ | 0 | 1¾ | 0 | 25.0 |
| 1 B 124 TB | 12.0 | 12.4 | 12.75 | C-3 | 2517 | 2½ | ¼ | 1¾ | ½ | 18.5 | 2 B 124 TB | A-3 | 2517 | 2½ | 0 | 1¾ | 0 | 27.0 |
| 1 B 136 TB | 13.6 | 14.0 | 13.95 | C-3 | 2517 | 2½ | ¼ | 1¾ | ½ | 16.0 | 2 B 136 TB | C-3 | 2517 | 2½ | 0 | 1¾ | 0 | 24.0 |
| 1 B 154 TB | 15.0 | 15.4 | 15.75 | C-3 | 2517 | 2½ | ¼ | 1¾ | ½ | 19.0 | 2 B 154 TB | A-3 | 2517 | 2½ | 0 | 1¾ | 0 | 31.0 |
| 1 B 160 TB | 16.0 | 16.4 | 16.35 | C-3 | 2517 | 2½ | ⅜ | 1¾ | ⅜ | 22.0 | 2 B 160 TB | C-3 | 2517 | 2½ | 0 | 1¾ | 0 | 26.0 |
| 1 B 184 TB* | 18.0 | 18.4 | 18.75 | C-3 | 2517 | 2½ | 3/16 | 1¾ | 7/16 | 24.0 | 2 B 184 TB | A-3 | 2517 | 2½ | 0 | 1¾ | 0 | 33.0 |
| | 19.6 | 20.0 | 20.35 | | | | | | | | 2 B 200 TB | C-3 | 3020 | 3 | 0 | 2 | ¼ | 49.0 |
| | 24.6 | 25.0 | 25.35 | | | | | | | | 2 B 250 TB | C-3 | 3020 | 3 | 0 | 2 | ¼ | 65.0 |
| | 29.6 | 30.0 | 30.35 | | | | | | | | 2 B 300 TB | C-3 | 3020 | 3 | 0 | 2 | ¼ | 75.0 |
| | 37.6 | 38.0 | 38.35 | | | | | | | | 2 B 380 TB | C-3 | 3020 | 3 | 0 | 2 | ¼ | 112.0 |

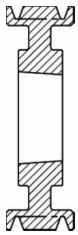
El peso no incluye el buje. En las páginas B-9 y B-10 encontrará las dimensiones de los bujes.

* F = 1" para la polea 1 B 154 TB
F = 1⅛" para la polea 1 B 184 TB

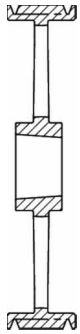
# Poleas Convencionales para Buje Taper de Ranura Combinable en Existencia A/B



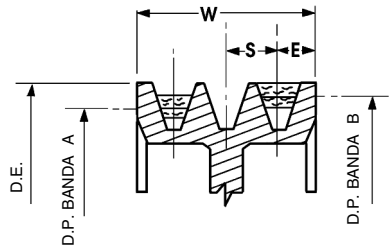
1 = SÓLIDA



2 = ALMA



3 = RAYOS




W = S (N-1) + 2E
N = Número de Ranuras

El dibujo muestra la posición de las bandas "A" y "B" en la ranura.

### Dimensiones de Ranuras Combinables

| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "AB" | ½ | ¾ | D.P. "B" +.35 |

**Dimensiones en pulgadas, peso en libras**

| 3 Ranuras F = 2½ | | | | | | | | | | | 4 Ranuras F = 3¼ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP Banda A | DP Banda B | DE | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 3 B 34 TB | 3.0 | 3.4 | 3.75 | A-1 | 1210 | 1¼ | 1½ | 1 | 0 | 3.0 | 4 B 34 TB | A-1 | 1210 | 1¼ | 2¼ | 1 | 0 | 3.0 |
| 3 B 36 TB | 3.2 | 3.6 | 3.95 | A-1 | 1210 | 1¼ | 1½ | 1 | 0 | 3.5 | 4 B 36 TB | A-1 | 1210 | 1¼ | 2¼ | 1 | 0 | 3.5 |
| 3 B 38 TB | 3.4 | 3.8 | 4.15 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 4.0 | 4 B 38 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 4.0 |
| 3 B 40 TB | 3.6 | 4.0 | 4.35 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 5.0 | 4 B 40 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 5.0 |
| 3 B 42 TB | 3.8 | 4.2 | 4.55 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 6.0 | 4 B 42 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 5.5 |
| 3 B 44 TB | 4.0 | 4.4 | 4.75 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 6.5 | 4 B 44 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 6.0 |
| 3 B 46 TB | 4.2 | 4.6 | 4.95 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 7.0 | 4 B 46 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 7.0 |
| 3 B 48 TB | 4.4 | 4.8 | 5.15 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 8.0 | 4 B 48 TB | A-1 | 1610 | 1⅝ | 2¼ | 1 | 0 | 8.0 |
| 3 B 50 TB | 4.6 | 5.0 | 5.35 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 8.5 | 4 B 50 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 8.5 |
| 3 B 52 TB | 4.8 | 5.2 | 5.55 | A-1 | 1610 | 1⅝ | 1½ | 1 | 0 | 9.0 | 4 B 52 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 9.0 |
| 3 B 54 TB | 5.0 | 5.4 | 5.75 | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 9.5 | 4 B 54 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 9.5 |
| 3 B 56 TB | 5.2 | 5.6 | 5.95 | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 10.0 | 4 B 56 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 10.0 |
| 3 B 58 TB | 5.4 | 5.8 | 6.15 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 10.5 | 4 B 58 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 12.0 |
| 3 B 60 TB | 5.6 | 6.0 | 6.35 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 11.0 | 4 B 60 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 12.5 |
| 3 B 62 TB | 5.8 | 6.2 | 6.55 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 11.5 | 4 B 62 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 13.0 |
| 3 B 64 TB | 6.0 | 6.4 | 6.75 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 12.0 | 4 B 64 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 14.0 |
| 3 B 66 TB | 6.2 | 6.6 | 6.95 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 12.3 | 4 B 66 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 15.0 |
| 3 B 68 TB | 6.4 | 6.8 | 7.15 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 12.8 | 4 B 68 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 16.0 |
| 3 B 74 TB | 7.0 | 7.4 | 7.75 | A-1 | 2517 | 2½ | ¾ | 1¾ | 0 | 16.0 | 4 B 74 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 0 | 20.0 |
| | 7.0 | 7.4 | 7.35 | | | | | | | | 4 B 70 TB | A-1 | 2517 | 2½ | 0 | 1¾ | 1½ | 16.0 |
| 3 B 80 TB | 8.0 | 8.4 | 8.35 | A-1 | 2517 | 2½ | 0 | 1¾ | ¾ | 19.0 | 4 B 80 TB | A-1 | 2517 | 2½ | 0 | 1¾ | 1½ | 21.0 |
| 3 B 86 TB | 8.2 | 8.6 | 8.95 | A-2 | 2517 | 2½ | ¾ | 1¾ | 0 | 19.0 | 4 B 86 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 0 | 21.0 |
| 3 B 94 TB | 9.0 | 9.4 | 9.75 | A-2 | 2517 | 2½ | ¾ | 1¾ | 0 | 21.0 | 4 B 94 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 0 | 23.0 |
| 3 B 110 TB | 10.6 | 11.0 | 11.35 | A-2 | 2517 | 2½ | ¾ | 1¾ | 0 | 24.0 | 4 B 110 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 0 | 28.0 |
| 3 B 124 TB | 12.0 | 12.4 | 12.75 | A-3 | 2517 | 2½ | 0 | 1¾ | ¾ | 28.0 | 4 B 124 TB | A-3 | 2517 | 2½ | ⅜ | 1¾ | 1⅛ | 34.0 |
| 3 B 136 TB | 13.6 | 14.0 | 13.95 | A-3 | 2517 | 2½ | 0 | 1¾ | ¾ | 25.0 | 4 B 136 TB | A-3 | 2517 | 2½ | ⅜ | 1¾ | 1⅛ | 34.0 |
| 3 B 154 TB | 15.0 | 15.4 | 15.75 | A-3 | 2517 | 2½ | 0 | 1¾ | ¾ | 30.0 | 4 B 154 TB | A-3 | 2517 | 2½ | ⅜ | 1¾ | 1⅛ | 42.0 |
| 3 B 160 TB | 16.0 | 16.4 | 16.35 | A-3 | 2517 | 2½ | 0 | 1¾ | ¾ | 32.0 | 4 B 160 TB | A-3 | 2517 | 2½ | ⅜ | 1¾ | 1⅛ | 32.0 |
| 3 B 184 TB | 18.0 | 18.4 | 18.75 | A-3 | 2517 | 2½ | 0 | 1¾ | ¾ | 44.0 | 4 B 184 TB | A-3 | 2517 | 2½ | ½ | 1¾ | 1 | 53.0 |
| 3 B 200 TB | 19.6 | 20.0 | 20.35 | A-3 | 3020 | 3 | 0 | 2 | ½ | 58.0 | 4 B 200 TB | A-3 | 3020 | 3 | ½ | 2 | ¾ | 63.0 |
| 3 B 250 TB | 24.6 | 25.0 | 25.35 | A-3 | 3020 | 3 | 0 | 2 | ½ | 74.0 | 4 B 250 TB | A-3 | 3030 | 3 | 0 | 3 | 1¼ | 80.0 |
| 3 B 300 TB | 29.6 | 30.0 | 30.35 | A-3 | 3020 | 3 | 0 | 2 | ½ | 84.0 | 4 B 300 TB | A-3 | 3030 | 3 | 0 | 3 | 1¼ | 100.0 |
| 3 B 380 TB | 37.6 | 38.0 | 38.35 | B-3 | 3020 | 3 | 0 | 3 | ½ | 135.0 | 4 B 380 TB | A-3 | 3030 | 3 | 0 | 3 | 1¼ | 142.0 |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

# A/B Poleas Convencionales para Buje Taper de Ranura Combinable en Existencia

Martin

**Dimensiones en pulgadas, peso en libras**

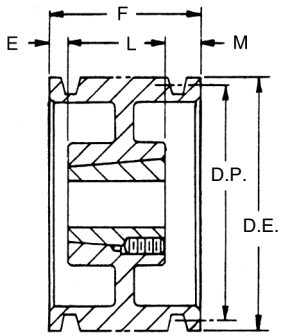
| 5 Ranuras | | | | | | | | | | | 6 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 4 | | | | | | | | | | | F = 4¾ | | | | | | | |
| No. de Parte | DP Banda A | DP Banda B | DE | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 5 B 34 TB | 3.0 | 3.4 | 3.75 | A-1 | 1210 | 1¼ | 2½ | 1½ | 0 | 5.0 | | | | | | | | |
| 5 B 36 TB | 3.2 | 3.6 | 3.95 | A-1 | 1210 | 1¼ | 2½ | 1½ | 0 | 5.5 | | | | | | | | |
| 5 B 38 TB | 3.4 | 3.8 | 4.15 | A-1 | 1215 | 1⅝ | ⅞ | 1½ | 1⅝ | 6.0 | | | | | | | | |
| 5 B 40 TB | 3.6 | 4.0 | 4.35 | A-1 | 1215 | 1⅝ | ⅞ | 1½ | 1⅝ | 6.5 | | | | | | | | |
| 5 B 42 TB | 3.8 | 4.2 | 4.55 | A-1 | 1615 | 1⅝ | 2½ | 1½ | 0 | 7.0 | 6 B 42 TB | A-1 | 1615 | 1⅝ | 3¼ | 1½ | 0 | 8.0 |
| 5 B 44 TB | 4.0 | 4.4 | 4.75 | A-1 | 1615 | 1⅝ | 2½ | 1½ | 0 | 8.0 | 6 B 44 TB | A-1 | 1615 | 1⅝ | 3¼ | 1½ | 0 | 9.0 |
| 5 B 46 TB | 4.2 | 4.6 | 4.95 | A-1 | 1615 | 1⅝ | 2½ | 1½ | 0 | 9.0 | 6 B 46 TB | A-1 | 1615 | 1⅝ | 3¼ | 1½ | 0 | 10.0 |
| 5 B 48 TB | 4.8 | 5.2 | 5.15 | A-1 | 1615 | 1⅝ | ⅞ | 1½ | 1⅝ | 9.4 | 6 B 48 TB | A-1 | 1615 | 1⅝ | 1¼ | 1½ | 2 | 11.0 |
| 5 B 50 TB | 4.6 | 5.0 | 5.35 | A-1 | 1615 | 1⅝ | ⅞ | 1½ | 0 | 10.5 | 6 B 50 TB | A-1 | 1615 | 1⅝ | 1¼ | 1½ | 2 | 11.9 |
| 5 B 52 TB | 4.8 | 5.2 | 5.55 | A-1 | 1615 | 1⅝ | ⅞ | 1½ | 0 | 11.3 | 6 B 52 TB | A-1 | 1615 | 1⅝ | 1¼ | 1½ | 2 | 12.8 |
| 5 B 54 TB | 5.0 | 5.4 | 5.75 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 11.5 | 6 B 54 TB | A-1 | 1615 | 1⅝ | 1¼ | 1½ | 2 | 13.7 |
| 5 B 56 TB | 5.2 | 5.6 | 5.95 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 12.0 | 6 B 56 TB | A-1 | 1615 | 1⅝ | 1¼ | 1½ | 2 | 14.6 |
| 5 B 58 TB | 5.8 | 6.2 | 6.15 | A-1 | 2517 | 2½ | 13/16 | 1¾ | 1 7/16 | 13.0 | 6 B 58 TB | A-1 | 2517 | 2½ | 1⅛ | 1¾ | 1⅞ | 14.0 |
| 5 B 60 TB | 5.6 | 6.0 | 6.35 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 14.0 | 6 B 60 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 0 | 16.0 |
| 5 B 62 TB | 6.2 | 6.6 | 6.55 | A-1 | 2517 | 2½ | 13/16 | 1¾ | 1 7/16 | 14.0 | 6 B 62 TB | A-1 | 2517 | 2½ | 1⅛ | 1¾ | 1⅞ | 16.0 |
| 5 B 64 TB | 6.0 | 6.4 | 6.75 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 16.0 | 6 B 64 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 0 | 19.5 |
| 5 B 66 TB | 6.6 | 7.0 | 6.95 | A-1 | 2517 | 2½ | 13/16 | 1¾ | 1 7/16 | 16.0 | 6 B 66 TB | A-1 | 2517 | 2½ | 1⅛ | 1¾ | 1⅞ | 20.0 |
| 5 B 68 TB | 6.4 | 6.8 | 7.15 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 18.0 | 6 B 68 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 0 | 21.0 |
| 5 B 70 TB | 7.0 | 7.4 | 7.35 | A-1 | 2517 | 2½ | ¾ | 1¾ | 1½ | 18.0 | 6 B 70 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 1½ | 21.0 |
| 5 B 74 TB | 7.0 | 7.4 | 7.75 | A-1 | 2517 | 2½ | 2¼ | 1¾ | 0 | 22.0 | 6 B 74 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 0 | 25.0 |
| 5 B 80 TB | 8.0 | 8.4 | 8.35 | A-1 | 2517 | 2½ | ½ | 1¾ | 1¾ | 23.0 | 6 B 80 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 1½ | 26.0 |
| 5 B 86 TB | 8.2 | 8.6 | 8.95 | A-2 | 2517 | 2½ | 2¼ | 1¾ | 0 | 24.0 | 6 B 86 TB | A-2 | 2517 | 2½ | 3 | 1¾ | 0 | 27.0 |
| 5 B 94 TB | 9.0 | 9.4 | 9.75 | A-2 | 2517 | 2½ | 2¼ | 1¾ | 0 | 26.0 | 6 B 94 TB | A-2 | 2517 | 2½ | 3 | 1¾ | 0 | 28.0 |
| 5 B 110 TB | 10.6 | 11.0 | 11.35 | A-2 | 2517 | 2½ | 2¼ | 1¾ | 0 | 35.0 | 6 B 110 TB | A-2 | 2517 | 2½ | 3 | 1¾ | 0 | 34.0 |
| 5 B 124 TB | 12.0 | 12.4 | 12.75 | A-3 | 2517 | 2½ | ¾ | 1¾ | 1½ | 40.0 | 6 B 124 TB | A-3 | 2517 | 2½ | 1⅛ | 1¾ | 1⅞ | 43.0 |
| 5 B 136 TB | 13.6 | 14.0 | 13.95 | A-3 | 2517 | 2½ | 1 | 1¾ | 1¼ | 38.0 | 6 B 136 TB | A-3 | 2517 | 2½ | 1½ | 1¾ | 1½ | 42.0 |
| 5 B 154 TB | 15.0 | 15.4 | 15.75 | A-3 | 2517 | 2½ | ¾ | 1¾ | 1½ | 47.0 | 6 B 154 TB | A-3 | 2517 | 2½ | 1½ | 1¾ | 1½ | 52.0 |
| 5 B 160 TB | 16.0 | 16.4 | 16.35 | A-3 | 2517 | 2½ | ¾ | 1¾ | 1½ | 67.0 | 6 B 160 TB | A-3 | 2517 | 2½ | 1½ | 1¾ | 1½ | 53.0 |
| 5 B 184 TB | 18.0 | 18.4 | 18.75 | A-3 | 2517 | 2½ | ¾ | 1¾ | 1½ | 52.0 | 6 B 184 TB | A-3 | 2517 | 2½ | 1½ | 1¾ | 1½ | 62.0 |
| 5 B 200 TB | 19.6 | 20.0 | 20.35 | A-3 | 3030 | 3 | ¼ | 3 | ¾ | 75.0 | 6 B 200 TB | A-3 | 3030 | 3 | ½ | 3 | 1¼ | 85.0 |
| 5 B 250 TB | 24.6 | 25.0 | 25.35 | A-3 | 3030 | 3 | ¼ | 3 | ¾ | 81.0 | 6 B 250 TB | A-3 | 3030 | 3 | ½ | 3 | 1¼ | 100.0 |
| 5 B 300 TB | 29.6 | 30.0 | 30.35 | A-3 | 3030 | 3 | ¼ | 3 | ¾ | 109.0 | 6 B 300 TB | A-3 | 3030 | 3 | ½ | 3 | 1¼ | 137.0 |
| 5 B 380 TB | 37.6 | 38.0 | 38.35 | A-3 | 3030 | 3 | ¼ | 3 | ¾ | 158.0 | 6 B 380 TB | A-3 | 3030 | 3 | ½ | 3 | 1¼ | 168.0 |

**Dimensiones en pulgadas, peso en libras**

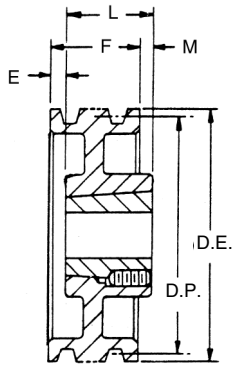
| 8 Ranuras | | | | | | | | | | | 10 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 6¼ | | | | | | | | | | | F = 7¾ | | | | | | | |
| No. de Parte | DP Banda A | DP Banda B | DE | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 8 B 54 TB | 5.0 | 5.4 | 5.75 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 16.0 | 10 B 54 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 18.0 |
| 8 B 56 TB | 5.2 | 5.6 | 5.95 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 17.0 | 10 B 56 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 20.0 |
| 8 B 60 TB | 5.6 | 6.0 | 6.35 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 19.0 | 10 B 60 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 22.0 |
| 8 B 64 TB | 6.0 | 6.4 | 6.75 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 21.0 | 10 B 64 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 25.5 |
| 8 B 68 TB | 6.4 | 6.8 | 7.15 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 25.0 | 10 B 68 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 28.0 |
| 8 B 74 TB | 7.0 | 7.4 | 7.75 | A-1 | 2517 | 2½ | 1⅞ | 1¾ | 2⅝ | 29.0 | 10 B 74 TB | A-1 | 2517 | 2½ | 3 | 1¾ | 3 | 35.0 |
| 8 B 86 TB | 8.2 | 8.6 | 8.95 | A-1 | 3030 | 3 | 1 | 3 | 2¼ | 37.0 | 10 B 86 TB | A-1 | 3030 | 3 | 2 | 3 | 2¾ | 43.0 |
| 8 B 94 TB | 9.0 | 9.4 | 9.95 | A-2 | 3030 | 3 | 1 | 3 | 2¼ | 41.0 | 10 B 94 TB | A-2 | 3030 | 3 | 2 | 3 | 2¾ | 46.0 |
| 8 B 110 TB | 10.6 | 11.0 | 11.35 | A-2 | 3030 | 3 | 1 | 3 | 2¼ | 51.0 | 10 B 110 TB | A-2 | 3030 | 3 | 2 | 3 | 2¾ | 52.0 |
| 8 B 124 TB | 12.0 | 12.4 | 12.75 | A-3 | 3030 | 3 | 1 | 3 | 2¼ | 56.0 | | | | | | | | |
| 8 B 154 TB | 15.0 | 15.4 | 15.75 | A-3 | 3030 | 3 | 1 | 3 | 2¼ | 69.0 | | | | | | | | |
| 8 B 184 TB | 18.0 | 18.4 | 18.75 | A-3 | 3030 | 3 | 1 | 3 | 2¼ | 99.0 | | | | | | | | |
| 8 B 200 TB | 19.6 | 20.0 | 20.35 | A-3 | 3030 | 3 | 1 | 3 | 2¼ | 115.0 | | | | | | | | |
| 8 B 250 TB | 24.6 | 25.0 | 25.35 | A-3 | 3535 | 3½ | ¾ | 3½ | 2 | 145.0 | | | | | | | | |
| 8 B 300 TB | 29.6 | 30.0 | 30.35 | A-3 | 3535 | 3½ | ¾ | 3½ | 2 | 170.0 | | | | | | | | |
| 8 B 380 TB | 37.6 | 38.0 | 38.35 | A-3 | 4040 | 4 | 1⅛ | 4 | 1⅛ | 260.0 | | | | | | | | |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

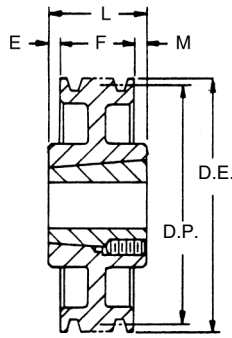
# Poleas Convencionales para Buje Taper en Existencia C



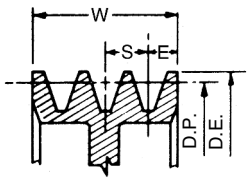

TIPO A




TIPO B



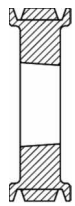

TIPO C



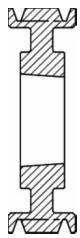

## Dimensiones de Ranuras

| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "C" | 11/16 | 1 | D.P. + .40 |

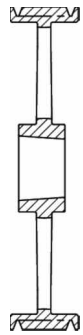
W = S(N-1) + 2E
N = Número de Ranuras



1 = SÓLIDA



2 = ALMA



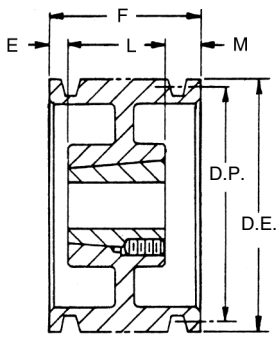
3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

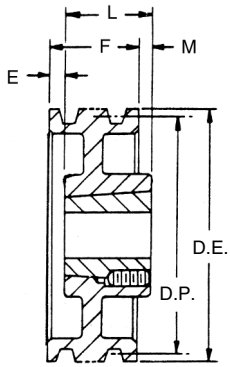
| 2 Ranuras F = 2⅜ | | | | | | | | | | 3 Ranuras F = 3⅜ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | D.P. Banda C | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 2 C 70 TB | 7.00 | 7.40 | A-1 | 2517 | 2½ | ⅝ | 1¾ | 0 | 15.0 | 3 C 70 TB | A-1 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 18.0 |
| 2 C 75 TB | 7.50 | 7.90 | A-1 | 2517 | 2½ | ⅝ | 1¾ | 0 | 17.0 | 3 C 75 TB | A-1 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 20.0 |
| 2 C 80 TB | 8.00 | 8.40 | A-1 | 2517 | 2½ | ⅝ | 1¾ | 0 | 20.0 | 3 C 80 TB | A-1 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 22.0 |
| 2 C 85 TB | 8.50 | 8.90 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 22.0 | 3 C 85 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 23.0 |
| 2 C 90 TB | 9.00 | 9.40 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 23.0 | 3 C 90 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 24.0 |
| 2 C 95 TB | 9.50 | 9.90 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 24.0 | 3 C 95 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 27.0 |
| 2 C 100 TB | 10.00 | 10.40 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 25.0 | 3 C 100 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 29.0 |
| 2 C 105 TB | 10.50 | 10.90 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 26.0 | 3 C 105 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 32.0 |
| 2 C 110 TB | 11.00 | 11.40 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 27.0 | 3 C 110 TB | A-2 | 2517 | 2½ | ¼ | 1¾ | 1⅜ | 35.0 |
| 2 C 120 TB | 12.00 | 12.40 | A-2 | 2517 | 2½ | ⅝ | 1¾ | 0 | 33.0 | 3 C 120 TB | A-2 | 3020 | 3 | 0 | 2 | 1⅜ | 44.0 |
| 2 C 130 TB | 13.00 | 13.40 | A-3 | 2517 | 2½ | ⅝ | 1¾ | 0 | 35.0 | 3 C 130 TB | A-3 | 3020 | 3 | 0 | 2 | 1⅜ | 49.0 |
| 2 C 140 TB | 14.00 | 14.40 | A-3 | 2517 | 2½ | ⅝ | 1¾ | 0 | 36.0 | 3 C 140 TB | A-3 | 3020 | 3 | 0 | 2 | 1⅜ | 50.0 |
| 2 C 160 TB | 16.00 | 16.40 | A-3 | 2517 | 2½ | ⅝ | 1¾ | 0 | 42.0 | 3 C 160 TB | A-3 | 3020 | 3 | 0 | 2 | 1⅜ | 64.0 |
| 2 C 180 TB | 18.00 | 18.40 | A-3 | 3020 | 3 | 0 | 2 | ⅜ | 42.0 | 3 C 180 TB | A-3 | 3030 | 3 | 0 | 3 | ⅜ | 64.0 |
| 2 C 200 TB | 20.00 | 20.40 | A-3 | 3020 | 3 | 0 | 2 | ⅜ | 45.0 | 3 C 200 TB | A-3 | 3030 | 3 | 0 | 3 | ⅜ | 78.0 |
| 2 C 240 TB | 24.00 | 24.40 | A-3 | 3020 | 3 | 0 | 2 | ⅜ | 72.0 | 3 C 240 TB | A-3 | 3030 | 3 | 0 | 3 | ⅜ | 96.0 |
| 2 C 300 TB | 30.00 | 30.40 | C-3 | 3535 | 3½ | ½ | 3½ | ⅝ | 85.0 | 3 C 300 TB | B-3 | 3535 | 3½ | 0 | 3½ | ⅛ | 125.0 |
| | 36.00 | 36.40 | | | | | | | | 3 C 360 TB | B-3 | 3535 | 3½ | 0 | 3½ | ⅛ | 175.0 |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

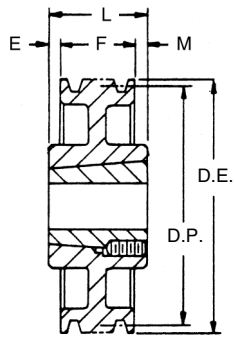
# C Poleas Convencionales para Buje Taper



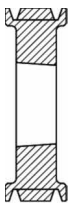

TIPO A



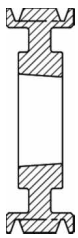

TIPO B



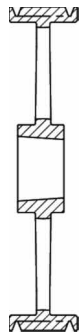

TIPO C



1 = SÓLIDA



2 = ALMA



3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 4 Ranuras | | | | | | | | | | 5 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 4⅜ | | | | | | | | | | F = 5⅜ | | | | | | | |
| No. de Parte | DP Banda C | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 4 C 70 TB | 7.00 | 7.40 | A-1 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 20.0 | 5 C 70 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 23.0 |
| 4 C 75 TB | 7.50 | 7.90 | A-1 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 23.0 | 5 C 75 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 26.0 |
| 4 C 80 TB | 8.00 | 8.40 | A-1 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 25.0 | 5 C 80 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 30.0 |
| 4 C 85 TB | 8.50 | 8.90 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 26.0 | 5 C 85 TB | A-1 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 34.0 |
| 4 C 90 TB | 9.00 | 9.40 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 27.0 | 5 C 90 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 35.0 |
| 4 C 95 TB | 9.50 | 9.90 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 36.0 | 5 C 95 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 36.0 |
| 4 C 100 TB | 10.00 | 10.40 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 39.0 | 5 C 100 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 39.0 |
| 4 C 105 TB | 10.50 | 10.90 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 42.0 | 5 C 105 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 42.0 |
| 4 C 110 TB | 11.00 | 11.40 | A-2 | 2517 | 2½ | ½ | 1¾ | 2⅛ | 45.0 | 5 C 110 TB | A-2 | 2517 | 2½ | 1½ | 1¾ | 2⅛ | 43.0 |
| 4 C 120 TB | 12.00 | 12.40 | A-2 | 3030 | 3 | 0 | 3 | 1⅜ | 47.0 | 5 C 120 TB | A-2 | 3030 | 3 | ½ | 3 | 1⅞ | 58.0 |
| 4 C 130 TB | 13.00 | 13.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 51.0 | 5 C 130 TB | A-3 | 3030 | 3 | ½ | 3 | 1⅞ | 63.0 |
| 4 C 140 TB | 14.00 | 14.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 54.0 | 5 C 140 TB | A-3 | 3030 | 3 | ½ | 3 | 1⅞ | 65.0 |
| 4 C 160 TB | 16.00 | 16.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 71.0 | 5 C 160 TB | A-3 | 3030 | 3 | ½ | 3 | 1⅞ | 70.0 |
| 4 C 180 TB | 18.00 | 18.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 81.0 | 5 C 180 TB | A-3 | 3030 | 3 | ½ | 3 | 1⅞ | 83.0 |
| 4 C 200 TB | 20.00 | 20.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 84.0 | 5 C 200 TB | A-3 | 3535 | 3½ | 0 | 3½ | 1⅞ | 110.0 |
| 4 C 240 TB | 24.00 | 24.40 | A-3 | 3030 | 3 | 0 | 3 | 1⅜ | 116.0 | 5 C 240 TB | A-3 | 3535 | 3½ | 0 | 3½ | 1⅞ | 138.0 |
| 4 C 300 TB | 30.00 | 30.40 | A-3 | 3535 | 3½ | 0 | 3½ | ⅞ | 164.0 | 5 C 300 TB | A-3 | 3535 | 3½ | 0 | 3½ | 1⅞ | 176.0 |
| 4 C 360 TB | 36.00 | 36.40 | A-3 | 3535 | 3½ | 0 | 3½ | ⅞ | 192.0 | 5 C 360 TB | A-3 | 4040 | 4 | ¼ | 4 | 1⅛ | 244.0 |
| 4 C 440 TB | 44.00 | 44.40 | A-3 | 4040 | 4 | 0 | 4 | ⅜ | 282.0 | 5 C 440 TB | A-3 | 4040 | 4 | ¼ | 4 | 1⅛ | 288.0 |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

# Poleas Convencionales para Buje Taper C

Permita que Martin le cotice poleas de fabricación especial y sus requerimientos de poleas en grandes cantidades.

**Dimensiones en pulgadas, peso en libras**

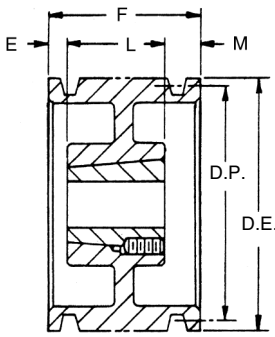
| 6 Ranuras F = 6⅜ | | | | | | | | | | 8 Ranuras F = 8⅜ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 6 C 70 TB | 7.00 | 7.40 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 30.0 | | | | | | | | |
| 6 C 75 TB | 7.50 | 7.90 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 31.0 | | | | | | | | |
| 6 C 80 TB | 8.00 | 8.40 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 35.0 | 8 C 80 TB | A-1 | 3030 | 3 | 2 | 3 | 3⅜ | 45.0 |
| 6 C 85 TB | 8.50 | 8.90 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 40.0 | 8 C 85 TB | A-1 | 3030 | 3 | 2 | 3 | 3⅜ | 47.0 |
| 6 C 90 TB | 9.00 | 9.40 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 47.0 | 8 C 90 TB | A-1 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 64.0 |
| 6 C 95 TB | 9.50 | 9.90 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 53.0 | 8 C 95 TB | A-1 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 67.0 |
| 6 C 100 TB | 10.00 | 10.40 | A-1 | 3030 | 3 | 1 | 3 | 2⅜ | 57.0 | 8 C 100 TB | A-1 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 70.0 |
| 6 C 105 TB | 10.50 | 10.90 | A-2 | 3030 | 3 | 1 | 3 | 2⅜ | 58.0 | 8 C 105 TB | A-1 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 84.0 |
| 6 C 110 TB | 11.00 | 11.40 | A-2 | 3030 | 3 | 1 | 3 | 2⅜ | 66.0 | 8 C 110 TB | A-1 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 87.0 |
| 6 C 120 TB | 12.00 | 12.40 | A-2 | 3030 | 3 | 1 | 3 | 2⅜ | 70.0 | 8 C 120 TB | A-2 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 90.0 |
| 6 C 130 TB | 13.00 | 13.40 | A-3 | 3030 | 3 | 1 | 3 | 2⅜ | 75.0 | 8 C 130 TB | A-2 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 97.0 |
| 6 C 140 TB | 14.00 | 14.40 | A-3 | 3535 | 3½ | ½ | 3½ | 2⅜ | 80.0 | 8 C 140 TB | A-2 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 105.0 |
| 6 C 160 TB | 16.00 | 16.40 | A-3 | 3535 | 3½ | ½ | 3½ | 2⅜ | 87.0 | 8 C 160 TB | A-3 | 3535 | 3½ | 1½ | 3½ | 3⅜ | 115.0 |
| 6 C 180 TB | 18.00 | 18.40 | A-3 | 3535 | 3½ | ½ | 3½ | 2⅜ | 102.0 | 8 C 180 TB | A-3 | 4040 | 4 | 1½ | 4 | 2⅞ | 137.0 |
| 6 C 200 TB | 20.00 | 20.40 | A-3 | 3535 | 3½ | ½ | 3½ | 2⅜ | 126.0 | 8 C 200 TB | A-3 | 4040 | 4 | 1½ | 4 | 2⅞ | 180.0 |
| 6 C 240 TB | 24.00 | 24.40 | A-3 | 3535 | 3½ | ½ | 3½ | 2⅜ | 150.0 | 8 C 240 TB | A-3 | 4040 | 4 | 1½ | 4 | 2⅞ | 205.0 |
| 6 C 300 TB | 30.00 | 30.40 | A-3 | 4040 | 4 | 1 | 4 | 1⅜ | 226.0 | 8 C 300 TB | A-3 | 4040 | 4 | 1½ | 4 | 2⅞ | 263.0 |
| 6 C 360 TB | 36.00 | 36.40 | A-3 | 4040 | 4 | 1 | 4 | 1⅜ | 270.0 | 8 C 360 TB | A-3 | 4545 | 4½ | 1¼ | 4½ | 2⅝ | 343.0 |
| 6 C 440 TB | 44.00 | 44.40 | A-3 | 4040 | 4 | 1 | 4 | 1⅜ | 320.0 | 8 C 440 TB | A-3 | 4545 | 4½ | 1¼ | 4½ | 2⅝ | 432.0 |

**Dimensiones en pulgadas, peso en libras**

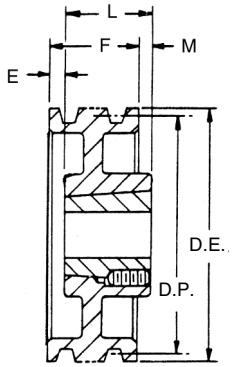
| 10 Ranuras F = 10⅜ | | | | | | | | | | 12 Ranuras F = 12⅜ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Parte | DP D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 10 C 90 TB | 9.00 | 9.40 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 57.0 | 12 C 90 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 65.0 |
| 10 C 95 TB | 9.50 | 9.90 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 66.0 | 12 C 95 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 75.0 |
| 10 C 100 TB | 10.00 | 10.40 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 77.0 | 12 C 100 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 85.0 |
| 10 C 105 TB | 10.50 | 10.90 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 87.0 | 12 C 105 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 95.0 |
| 10 C 110 TB | 11.00 | 11.40 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 98.0 | 12 C 110 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 104.0 |
| 10 C 120 TB | 12.00 | 12.40 | A-1 | 4545 | 4½ | 1½ | 4½ | 4⅜ | 121.0 | 12 C 120 TB | A-1 | 4040 | 4 | 3½ | 4 | 4⅞ | 126.0 |
| 10 C 130 TB | 13.00 | 13.40 | A-1 | 4545 | 4½ | 2 | 4½ | 3⅞ | 146.0 | 12 C 130 TB | A-1 | 4545 | 4½ | 3 | 4½ | 4⅞ | 156.0 |
| 10 C 140 TB | 14.00 | 14.40 | A-2 | 4545 | 4½ | 2 | 4½ | 3⅞ | 173.0 | 12 C 140 TB | A-1 | 4545 | 4½ | 3 | 4½ | 4⅞ | 184.0 |
| 10 C 160 TB | 16.00 | 16.40 | A-2 | 4545 | 4½ | 2 | 4½ | 3⅞ | 233.0 | | | | | | | | |
| 10 C 180 TB | 18.00 | 18.40 | A-2 | 4545 | 4½ | 2 | 4½ | 3⅞ | 176.0 | | | | | | | | |
| 10 C 200 TB | 20.00 | 20.40 | A-3 | 4545 | 4½ | 2 | 4½ | 3⅞ | 201.0 | | | | | | | | |
| 10 C 240 TB | 24.00 | 24.40 | A-3 | 4545 | 4½ | 2 | 4½ | 3⅞ | 243.0 | | | | | | | | |
| 10 C 300 TB | 30.00 | 30.40 | A-3 | 4545 | 4½ | 2 | 4½ | 3⅞ | 320.0 | | | | | | | | |
| 10 C 360 TB | 36.00 | 36.40 | A-3 | 4545 | 4½ | 2 | 4½ | 3⅞ | 464.0 | | | | | | | | |
| 10 C 440 TB | 44.00 | 44.40 | A-3 | 4545 | 4½ | 2 | 4½ | 3⅞ | 508.0 | | | | | | | | |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

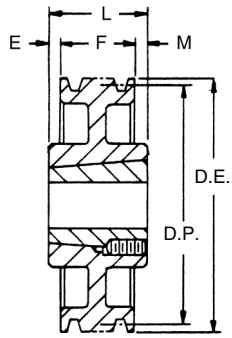
# D Poleas Convencionales para Buje Taper



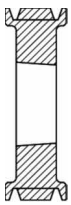

TIPO A



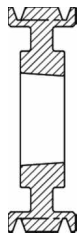

TIPO B



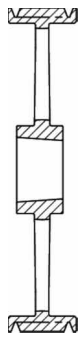

TIPO C



1 = SÓLIDA



2 = ALMA



3 = RAYOS

**Dimensiones en pulgadas, peso en libras**

| 4 Ranuras | | | | | | | | | | 5 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 6 1/16 | | | | | | | | | | F = 7 1/2 | | | | | | | |
| No. de Parte | DP / D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 4 D 120 TB | 12.0 | 12.6 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 63.0 | 5 D 120 TB | A-1 | 4040 | 4 | 1/4 | 4 | 2 3/4 | 82.0 |
| 4 D 130 TB | 13.0 | 13.6 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 73.0 | 5 D 130 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 87.0 |
| 4 D 135 TB | 13.5 | 14.1 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 78.0 | 5 D 135 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 92.0 |
| 4 D 140 TB | 14.0 | 14.6 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 83.0 | 5 D 140 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 97.0 |
| 4 D 145 TB | 14.5 | 15.1 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 94.0 | 5 D 145 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 102.0 |
| 4 D 150 TB | 15.0 | 15.6 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 94.0 | 5 D 150 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 107.0 |
| 4 D 155 TB | 15.5 | 16.1 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 99.0 | 5 D 155 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 112.0 |
| 4 D 160 TB | 16.0 | 16.6 | A-2 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 104.0 | 5 D 160 TB | A-2 | 4040 | 4 | 3/4 | 4 | 2 3/4 | 112.0 |
| 4 D 180 TB | 18.0 | 18.6 | A-3 | 3535 | 3 1/2 | 3/4 | 3 1/2 | 1 13/16 | 109.0 | 5 D 180 TB | A-3 | 4040 | 4 | 1 | 4 | 2 1/2 | 132.0 |
| 4 D 220 TB | 22.0 | 22.6 | A-3 | 4040 | 4 | 3/4 | 4 | 1 5/16 | 142.0 | 5 D 220 TB | A-3 | 4040 | 4 | 1 | 4 | 2 1/2 | 162.0 |
| 4 D 270 TB | 27.0 | 27.6 | A-3 | 4040 | 4 | 3/4 | 4 | 1 5/16 | 182.0 | 5 D 270 TB | A-3 | 4040 | 4 | 1 | 4 | 2 1/2 | 207.0 |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.

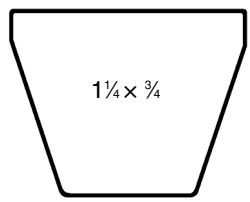
**Dimensiones en pulgadas, peso en libras**

| 6 Ranuras | | | | | | | | | | 8 Ranuras | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F = 8 15/16 | | | | | | | | | | F = 11 13/16 | | | | | | | |
| No. de Parte | DP / D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje | No. de Parte | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 6 D 120 TB | 12.0 | 12.6 | A-1 | 4040 | 4 | 1 | 4 | 3 15/16 | 100.0 | 8 D 120 TB | A-1 | 4545 | 4½ | ½ | 4½ | 6 13/16 | 125.0 |
| 6 D 130 TB | 13.0 | 13.6 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 100.0 | 8 D 130 TB | A-1 | 4545 | 4½ | ½ | 4½ | 6 13/16 | 155.0 |
| 6 D 135 TB | 13.5 | 14.1 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 107.0 | 8 D 135 TB | A-2 | 4545 | 4½ | 1 | 4½ | 6 5/16 | 150.0 |
| 6 D 140 TB | 14.0 | 14.6 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 112.0 | 8 D 140 TB | A-1 | 4545 | 4½ | 1 | 4½ | 6 5/16 | 155.0 |
| 6 D 145 TB | 14.5 | 15.1 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 117.0 | 8 D 145 TB | A-2 | 4545 | 4½ | 2 | 4½ | 5 5/16 | 155.0 |
| 6 D 150 TB | 15.0 | 15.6 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 122.0 | 8 D 150 TB | A-2 | 4545 | 4½ | 2 | 4½ | 5 5/16 | 135.0 |
| 6 D 155 TB | 15.5 | 16.1 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 127.0 | 8 D 155 TB | A-2 | 4545 | 4½ | 2 | 4½ | 5 5/16 | 165.0 |
| 6 D 160 TB | 16.0 | 16.6 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 175.0 | 8 D 160 TB | A-2 | 4545 | 4½ | 2 | 4½ | 5 5/16 | 165.0 |
| 6 D 180 TB | 18.0 | 18.6 | A-2 | 4040 | 4 | 1½ | 4 | 3 7/16 | 185.0 | 8 D 180 TB | A-2 | 4545 | 4½ | 2¾ | 4½ | 4 9/16 | 180.0 |
| 6 D 220 TB | 22.0 | 22.6 | A-3 | 4040 | 4 | 1½ | 4 | 3 7/16 | 210.0 | 8 D 220 TB | A-3 | 4545 | 4½ | 2¾ | 4½ | 4 9/16 | 275.0 |
| 6 D 270 TB | 27.0 | 27.6 | A-3 | 4545 | 4½ | 1¾ | 4½ | 2 11/16 | 260.0 | 8 D 270 TB | A-3 | 4545 | 4½ | 2¾ | 4½ | 4 9/16 | 345.0 |
| 6 D 330 TB | 33.0 | 33.6 | A-3 | 4545 | 4½ | 1¾ | 4½ | 2 11/16 | 340.0 | 8 D 330 TB | A-3 | 4545 | 4½ | 2¾ | 4½ | 4 9/16 | 455.0 |

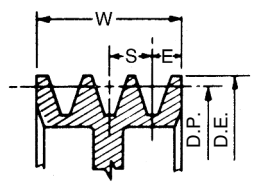
**Dimensiones en pulgadas, peso en libras**

| 10 Ranuras | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| F = 14 11/16 | | | | | | | | | |
| No. de Parte | DP / D | D.E. | Tipo | Buje | Barreno Máximo del Buje | E | Largo Total del Barreno | M | Peso sin Buje |
| 10 D 120 TB | 12.0 | 12.6 | A-1 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 140.0 |
| 10 D 130 TB | 13.0 | 13.6 | A-1 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 170.0 |
| 10 D 135 TB | 13.5 | 14.1 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 170.0 |
| 10 D 140 TB | 14.0 | 14.6 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 175.0 |
| 10 D 145 TB | 14.5 | 15.1 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 180.0 |
| 10 D 150 TB | 15.0 | 15.6 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 195.0 |
| 10 D 155 TB | 15.5 | 16.1 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 175.0 |
| 10 D 160 TB | 16.0 | 16.6 | A-2 | 4545 | 4½ | 2⅜ | 4½ | 7 13/16 | 195.0 |
| 10 D 180 TB | 18.0 | 18.6 | A-2 | 4545 | 4½ | 4 | 4½ | 6 3/16 | 195.0 |
| 10 D 220 TB | 22.0 | 22.6 | A-3 | 4545 | 4½ | 4 | 4½ | 6 3/16 | 340.0 |
| 10 D 270 TB | 27.0 | 27.6 | A-3 | 4545 | 4½ | 4 | 4½ | 6 3/16 | 415.0 |
| 10 D 330 TB | 33.0 | 33.6 | A-3 | 4545 | 4½ | 4¼ | 4½ | 5 15/16 | 485.0 |

El peso no incluye el buje. En las páginas B-9 al B-10 encontrará las dimensiones de los bujes.




**D**

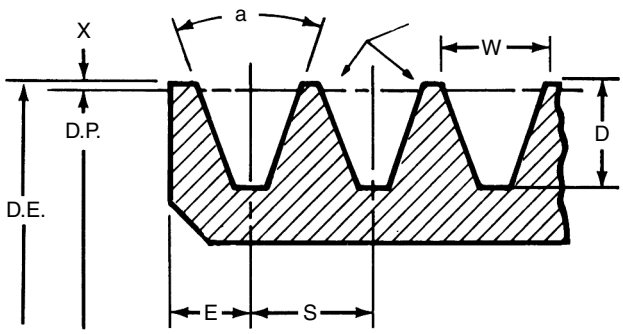



**Dimensiones de Ranuras**

| Sección de Banda | E | S | D.E. |
|---|---|---|---|
| "D" | ⅞ | 1 7/16 | D.P. + .60 |

W = S(N-1) + 2E
N = Número de Ranuras

# Dimensiones y Tolerancias de las Ranuras en Poleas de Alta Capacidad "Hi-Cap"




Ancho de la Cara de las Poleas en Existencia y Estándar

Ancho de la cara = S(N-1) + 2E
Donde:
N = Número de Ranuras

**TOLERANCIAS DE POLEAS CON RANURAS DE ALTA CAPACIDAD**

| | |
|---|---|
| **Diámetro Exterior** | |
| Menor de 12.00" | ± .005" |
| 12.00" a 17.99" | + .010" |
| 18.00" a 36.00" | ± .015" |
| Mayor de 36.00" | ± .020" |
| **Excentricidad del Diámetro Exterior** | |
| Menor de 9.00" | .008" |
| 9.00" a 13.99" | .010" |
| 14.00" a 36.00" | .012" |
| Mayor de 36.00" | .020" |
| **Oscilación y Carrera Lateral** | |
| 20.00" D.E. y Menor | no exceder .001" por pulgada de diámetro |
| Mayor a 20.00" D.E. | .010" más .0005" por pulgada de D.E. |

## Poleas Estándar

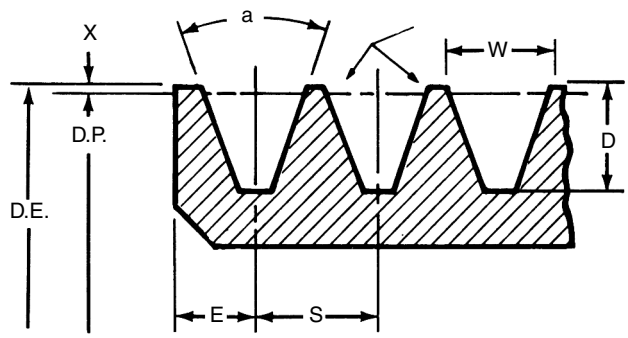
| Banda | Diámetro Exterior Mínimo Recomendado | Diámetro Exterior Efectivo | a Angulo de la Ranura | Dimensiones de las Ranuras | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | W | D | X | S | E |
| 3V | 2.65 | Menor de 3.5 | 36 | .350 | .350 | .050 | .407 | .344 |
| | | 3.5 - 6 | 38 | .350 | .350 | .050 | .407 | .344 |
| | | 6.01-12 | 40 | .350 | .350 | .050 | .407 | .344 |
| | | Mayor de 12 | 42 | .350 | .350 | .050 | .407 | .344 |
| 5V | 7.1 | Menor de 10 | 38 | .600 | .600 | .100 | .688 | .500 |
| | | 10 - 16 | 40 | .600 | .600 | .100 | .688 | .500 |
| | | Mayor de 16 | 42 | .600 | .600 | .100 | .688 | .500 |
| 8V | 12.5 | Menor de 16 | 38 | 1 | 1 | .200 | 1.125 | .750 |
| | | 16-22.4 | 40 | 1 | 1 | .200 | 1.125 | .750 |
| | | Mayor de 22.4 | 42 | 1 | 1 | .200 | 1.125 | .750 |

**Dimensiones en pulgadas**

# Dimensiones y Tolerancias de Ranuras Convencionales

### TOLERANCIAS DE POLEAS CONVENCIONALES

| | |
|---|---|
| **Diámetro Exterior** | |
| Menor de 12.00" | ± .020" |
| 12.00" a 23.99" | ± .040" |
| 24.00" a 57.99" | ± .060" |
| 58.00" a 71.99" | ± .120" |
| Mayor de 72.00" | ± .250" |
| **Excentricidad del Diámetro Exterior** | |
| Menor de 10.00" D.P. | .010" |
| 10.01" a 60.00" D.P. | .010" más .0005" por pulgada de D.P. |
| Mayor de 60.00" D.P. | Añada .001" por cada pulgada de D.P. |
| **Oscilación y Carrera Lateral** | |
| 20.00" D.P. y Menor | no exceder .001 por pulgada de D.P. |
| 20.00" a 60.00" D.P. | Añada .0005" por cada pulgada de D.P. hasta las 60.00" |
| Mayor a 60.00" D.P. | Añada .001" por cada pulgada de D.P. arriba de las 60.00" |




**Ancho de la Cara de las Poleas en Existencia y Estándar**

Ancho de la cara = S(N-1) + 2E
Donde:
N = Número de Ranuras

## Poleas Estándar

| Banda | Diámetro de Paso Mínimo Recomendado | Rango D.P. | a Ángulo de la Ranura | Dimensiones de las Ranuras W | | D ± .031 | X | S* ± .031 | E | |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 3.0 | 2.6 - 5.4<br>Mayor de 5.4 | 34°<br>38° | .494<br>.504 | ± .005 | .490 | .250 | .625 | .375 | + .070<br>– .000 |
| B | 5.4 | 4.6 - 7.0<br>Mayor de 7.0 | 34°<br>38° | .637<br>.650 | ± .005 | .580 | .350 | .750 | .500 | + .150<br>– .000 |
| A - B | A 3.0<br>B 5.4 | 3.4 - 6.8<br>Mayor de 6.8 | 34°<br>38° | .612<br>.625 | ± .005 | .625 | .350 | .750 | .500 | + .150<br>– .000 |
| C | 9.0 | 7.0 - 7.99<br>8.0 - 12.0<br>Mayor de 12.0 | 34°<br>36°<br>38° | .879<br>.887<br>.895 | ± .007 | .780 | .400 | 1 | .688 | + .150<br>– .000 |
| D | 13.0 | 12.0 - 12.99<br>13.0 - 17.0<br>Mayor de 17.0 | 34°<br>36°<br>38° | 1.259<br>1.271<br>1.283 | ± .007 | 1.050 | .600 | 1.438 | .875 | + .250<br>– .000 |
| E | 21.0 | 18.0 - 24.0<br>Mayor de 24.0 | 36°<br>38° | 1.527<br>1.542 | ± .010 | 1.300 | .800 | 1.75 | 1.123 | + .250<br>– .000 |

## Poleas con Ranuras Profundas

| Banda | Mínimo Diámetro de Paso Recomendado | Rango D.P. | a Ángulo de Ranura | Dimensiones de Ranuras W | | D ± .031 | X | S* ± .031 | E | |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 3.0 | 2.6 - 5.4<br>Mayor de 5.4 | 34°<br>38° | .589<br>.611 | ± .005 | .645 | .280 | .750 | .438 | + .070<br>– .000 |
| B | 5.4 | 4.6 - 7.0<br>Mayor de 7.0 | 34°<br>38° | .747<br>.774 | ± .005 | .760 | .355 | .875 | .563 | + .150<br>– .000 |
| C | 9.0 | 7.0 - 7.99<br>8.0 - 12.0<br>Mayor de 12.0 | 34°<br>36°<br>38° | 1.066<br>1.085<br>1.105 | ± .007 | 1.085 | .505 | 1.25 | .813 | + .150<br>– .000 |
| D | 13.0 | 12.0 - 12.99<br>13.0 - 17.0<br>Mayor de 17.0 | 34°<br>36°<br>38° | 1.513<br>1.541<br>1.569 | ± .007 | 1.465 | .715 | 1.750 | 1.063 | + .250<br>– .000 |
| E | 21.0 | 18.0 - 24.0<br>Mayor de 24.0 | 36°<br>38° | 1.816<br>1.849 | ± .010 | 1.745 | .845 | 2.063 | 1.313 | + .250<br>– .000 |

**Dimensiones en pulgadas**

*La suma de las desviaciones de la dimensión “S” de todas las ranuras de cualquier polea no debe exceder ± 0.063". Para aplicaciones de transmisiones de un cuarto de vuelta o con distancias entre centros largas y en posición vertical, tenemos disponibles, bajo pedido, poleas con ranuras profundas. Estas poleas también pueden utilizarse en aplicaciones en donde la distancia entre centro pueda estar oscilando como es el caso de volteadores de carros, cribas vibratorias y ciertos tipos de quebradoras.

# Selección de Transmisión Banda-V

# Selección de Transmisión de Poleas en Existencia

Para hacer la selección de una transmisión de Bandas en “V” siga las siguientes instrucciones:

**INFORMACIÓN NECESARIA PARA SELECCIONAR UNA TRANSMISIÓN DE BANDAS EN “V”:**

1. La potencia del motor (HP).
2. Las RPM de la unidad motriz.
3. Las RPM de la máquina impulsada.
4. La distancia entre centros de los ejes.
5. El diámetro de los ejes de las dos unidades.
6. El promedio diario de horas de operación.

## TABLA 1 — FACTORES DE SERVICIO

**EL FACTOR DE SERVICIO CORRECTO ES DETERMINADO POR:**

**1.** El grado y frecuencia de las cargas pico.

**2.** El número de horas de operación al año, divididas en un promedio de horas al día de servicio continuo.

**3.** La categoría adecuada de servicio, (intermitente, normal o continuo). Seleccione aquella que más se aproxime a las condiciones de su aplicación.

**SERVICIO INTERMITENTE — DE 1.0 A 1.5**
**a.** Trabajo Ligero — No más de 6 horas al día.
**b.** No debe exceder la carga promedio.

**SERVICIO NORMAL — DE 1.1 A 1.6**
**a.** Servicio diario de 6 a 16 horas al día.
**b.** Donde las cargas de arranque o pico no excedan el 200% de la carga total.

**SERVICIO CONTINUO — DE 1.2 A 1.8**
**a.** Donde la carga de arranque o pico sea mayor en un 200% a la carga total o donde las cargas de arranque o pico y las sobrecargas ocurran frecuentemente.
**b.** Servicio continuo 16 a 24 horas.

## FACTORES DE SERVICIOS TÍPICOS

Los tipos de máquinas impulsadas aquí listadas son solo una muestra representativa. Seleccione el equipo que se aproxime más a su aplicación.

**SI SE UTILIZAN RUEDAS LOCAS, AÑADA LO SIGUIENTE AL FACTOR DE SERVICIO:**

| | |
|---|---|
| Rueda Loca en el lado suelto (adentro) | Ninguno |
| Rueda Loca en el lado suelto (afuera) | 0.1 |
| Rueda Loca en el lado apretado (adentro) | 0.1 |
| Rueda Loca en el lado apretado (afuera) | 0.2 |

| TIPOS DE MÁQUINAS DE TRANSMISIÓN | TIPOS DE UNIDADES MOTRICES | | | | | |
|---|---|---|---|---|---|---|
| | **MOTORES ELÉCTRICOS**<br>AC Torque Normal Jaula de Ardilla y Síncrono<br>AC Fase Dividida<br>DC Devanado en Derivación<br>**Motores de Combustión Interna** | | | **MOTORES ELÉCTRICOS**<br>AC Alto Torque<br>AC Hi-Fase Dividida<br>AC Repulsión-Inducción<br>AC Monofásico Devanado en Serie<br>AC Anillo de Deslizamiento<br>DC Devanado Compuesto | | |
| | **SERVICIO INTERMITENTE** | **SERVICIO NORMAL** | **SERVICIO CONTINUO** | **SERVICIO INTERMITENTE** | **SERVICIO NORMAL** | **SERVICIO CONTINUO** |
| Agitadores para Líquidos<br>Sopladores y Aspiradoras<br>Bombas centrífugas y Compresoras<br>Ventiladores hasta 10 HP<br>Transportadores de Trabajo Ligero | 1.0 | 1.1 | 1.2 | 1.1 | 1.2 | 1.3 |
| Transportadores de Banda para arena, grano, etc.<br>Amasadora<br>Ventiladores de más de 10 HP<br>Generadores<br>Ejes de Línea<br>Máquinas de Lavandería<br>Máquinas-Herramientas<br>Taladros, Prensas, Cortadores<br>Máquinas de Imprenta<br>Bombas Rotatorias de Desplazamiento Positivo<br>Cribas Giratorias y Vibratorias | 1.1 | 1.2 | 1.3 | 1.2 | 1.3 | 1.4 |
| Máquinas para Ladrillos<br>Elevadores de Cangilones<br>Excitadores<br>Compresores de Pistones<br>Transportadores (Rastras, Helicoidales, Tablillas)<br>Molinos de Martillos<br>Hidropulper<br>Bombas de Pistones<br>Sopladores de Desplazamiento Positivo<br>Pulverizadores<br>Máquinas para Madera y Sierras<br>Maquinaria Textil | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 |
| Quebradoras (Giratorias-Mordaza-Rodillos)<br>Molinos (Bolas, Rodillos)<br>Grúas<br>Calandrias de hule — Extrusoras — Molinos | 1.3 | 1.4 | 1.5 | 1.5 | 1.6 | 1.6 |
| Equipo con Ahogador | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |

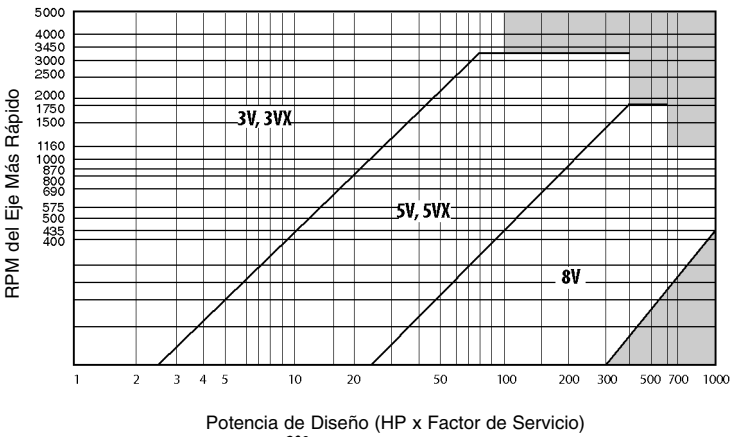
**PARA UNA BUENA SELECCIÓN DE LA TRANSMISIÓN, UTILICE EL FACTOR DE SERVICIO CONTINUO.**

# Selección de Transmisión de Poleas en Existencia

**EJEMPLO**

1. La unidad motriz es un motor eléctrico de torque normal de 5 HP.
2. La velocidad de la unidad motriz es de 1750 RPM.
3. La unidad impulsada es un reductor de velocidad para un transportador helicoidal Martin que debe tener 800 RPM en el eje de alta velocidad.
4. La distancia entre centros debe ser de 20".
5. El diámetro del eje motriz es de 1⅝" y el diámetro del eje impulsado es también de 1⅝".
6. El transportador operará de 18 a 20 horas al día.

**TABLA 2 — Tabla de Selección para Bandas de Alta Capacidad**




Consulte a Martin.

**TABLA 3 — Bandas Convencionales**

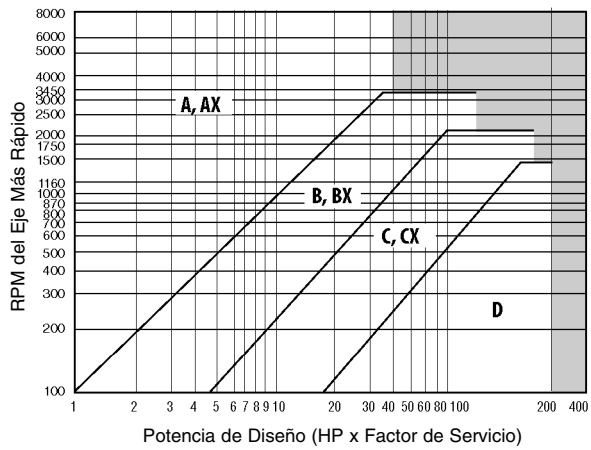



**TABLA 4 — Diámetro Mínimo Recomendado para la Polea del Motor Eléctrico.**

| POTENCIA DEL MOTOR HP | RPM DEL MOTOR | | | | | |
|---|---|---|---|---|---|---|
| | 575 | 695 | 870 | 1160 | 1750 | 3450 |
| .50 | 2.50 | 2.50 | 2.50 | — | — | — |
| .75 | 3.00 | 2.50 | 2.50 | 2.50 | — | — |
| 1.00 | 3.00 | 3.00 | 2.50 | 2.50 | 2.25 | — |
| 1.50 | 3.00 | 3.00 | 3.00 | 2.50 | 2.50 | 2.25 |
| 2.00 | 3.75 | 3.00 | 3.00 | 2.50 | 2.50 | 2.50 |
| 3.00 | 4.50 | 3.75 | 3.00 | 3.00 | 2.50 | 2.50 |
| 5.00 | 4.50 | 4.50 | 3.75 | 3.00 | 3.00 | 2.50 |
| 7.50 | 4.25 | 4.50 | 4.50 | 3.75 | 3.00 | 3.00 |
| 10.00 | 6.00 | 5.25 | 4.50 | 4.50 | 3.75 | 3.00 |
| 15.00 | 6.75 | 6.00 | 5.25 | 4.50 | 4.50 | 3.75 |
| 20.00 | 8.25 | 6.75 | 6.00 | 5.25 | 4.50 | 4.50 |
| 25.00 | 9.00 | 8.25 | 6.75 | 6.00 | 4.50 | 4.50* |
| * 30.00 | 10.00 | 9.00 | 6.75 | 6.75 | 5.25 | — |
| 40.00 | 10.00 | 10.00 | 8.25 | 6.75 | 6.00 | — |
| 50.00 | 11.00 | 10.00 | 9.00 | 8.25 | 6.75 | — |
| 60.00 | 12.00 | 11.00 | 10.00 | 9.00 | 7.50 | — |
| 75.00 | 14.00 | 13.00 | 10.00 | 10.00 | 9.00 | — |
| 100.00 | 18.00 | 15.00 | 13.00 | 13.00 | 10.00 | — |
| 125.00 | 20.00 | 18.00 | 15.00 | 13.00 | 11.00 | — |
| 150.00 | 22.00 | 20.00 | 18.00 | 13.00 | — | — |
| 200.00 | 22.00 | 22.00 | 22.00 | — | — | — |
| 250.00 | 22.00 | 22.00 | — | — | — | — |
| 300.00 | 27.00 | 27.00 | — | — | — | — |

*NOTA: Los datos indicados sobre la línea han sido sugeridos en la norma MG 1-3.16 y MG 1-3.16A de NEMA (Nacional Electric Manufactures Association). Los datos indicados debajo de la línea es información recopilada por la EEM (Electric Motors Manufacturers). En ambos casos los valores son conservadores ya que algunos motores y rodamientos pueden permitir el uso de poleas de menor diámetro. Consulte al fabricante del motor.

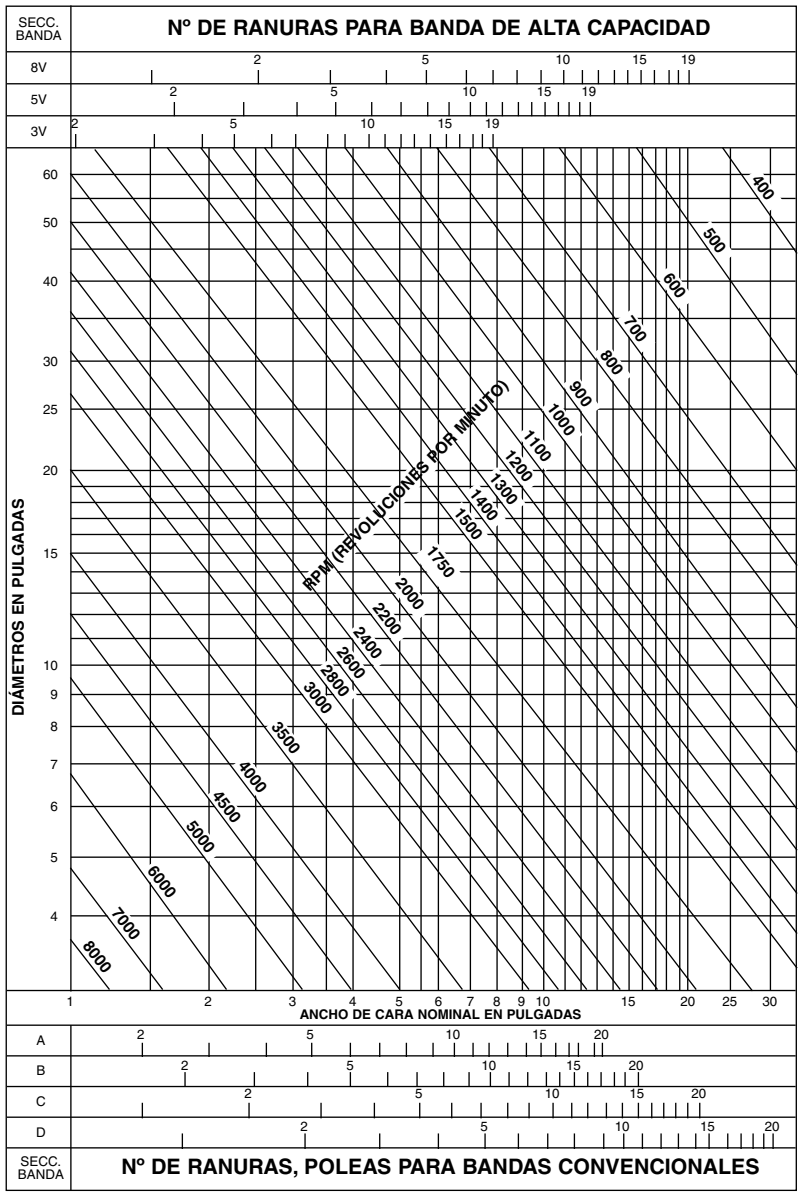
**PRECAUCIÓN**

NO UTILICE POLEAS EN EXISTENCIA EN EQUIPOS COMO DESCORTEZADORAS, ASTILLADORAS. QUEBRADORAS O EQUIPOS SUJETOS A CARGAS DE IMPACTO SEVERO. CONSULTE A Martin PARA ESTAS APLICACIONES.

## DETERMINE SI SE NECESITA BALANCEO DINÁMICO

Esta gráfica indica el límite de velocidad máxima (en RPM) para poleas estándar balanceadas estáticamente de un determinado diámetro y ancho de cara. Si este límite de velocidad se excede, es recomendable que la polea sea balanceada dinámicamente. Esta información también puede ser utilizada para otros tipos de poleas.

**BALANCEO ESTÁTICO** – Tanto las poleas en existencia como las de Fabricación Especial (MTO) son cuidadosamente balanceadas estáticamente para velocidades normales. Estas poleas operan de manera segura a velocidades de banda de hasta 6500 pies por minuto, sin embargo en velocidades superiores a los 5000 pies por minuto y en cualquier velocidad en donde la vibración sea un problema, se recomienda balancear dinámicamente.




EJEMPLO: Es recomendable que una polea de 10" de diámetro y 2" de ancho sea balanceada dinámicamente (en dos planos) cuando opere a una velocidad de 3450 RPM o más. Por debajo de esa velocidad el balanceo estático es suficiente.

**PRECAUCIÓN:** Cuando la velocidad de la banda exceda los 6500 pies por minuto, deben utilizarse materiales especiales. Para este tipo de aplicaciones consulte a Martin.

# Selección de Transmisión de Poleas en Existencia

**PROCEDIMIENTO DE SELECCIÓN DE TRANSMISIÓN EN EXISTENCIA**

**PASO 1.** DETERMINE LA POTENCIA DE DISEÑO.
Consulte la Tabla 1 de Factores de Servicio en la página 43. Determine el servicio al que estará sujeta la transmisión, (intermitente, normal, o continuo). En la columna de la izquierda busque el equipo o un equipo similar al de su aplicación. En las columnas de la derecha busque el tipo de unidad motriz que se usará y localice el factor de servicio en la columna del servicio seleccionado anteriormente.
**POTENCIA DE DISEÑO = POTENCIA DE LA UNIDAD MOTRIZ × FACTOR DE SERVICIO**
Ejemplo: De la Tabla 1 seleccionamos un Factor de Servicio de 1.4.
Potencia de Diseño = Potencia (HP) × Factor de Servicio.
Potencia de Diseño = 5 × 1.4 = 7 HP.

**PASO 2.** DETERMINE LA SECCIÓN DE BANDA DE SU PREFERENCIA.
La selección del tipo de banda (Convencional o de Alta Capacidad) es determinada por las condiciones específicas de la aplicación. Consulte al fabricante de las bandas para conocer las ventajas y desventajas de un determinado tipo de banda o para recibir recomendaciones especiales para su aplicación en particular.
En las Tablas 2 y 3 de la página D-44 elija la sección de banda adecuada para la transmisión. Encuentre la Potencia de Diseño calculada en el punto 1 y suba hasta encontrar la Velocidad del Eje más Rápido. El punto donde las líneas se intersectan indica la Sección de Banda recomendada para la aplicación.
Ejemplo: Seleccionamos de la Tabla 2 la banda 3VX. (La decisión de usar bandas de Alta Capacidad fue arbitraria ya que también se podrían utilizar bandas Convencionales).

**PASO 3.** REVISE EL DIÁMETRO MÍNIMO DE LA POLEA MOTRIZ
En la tabla 4 lea el Diámetro Mínimo Recomendado, en la intersección de la columna de velocidad del motor con el renglón de Potencia del Motor.
Ejemplo: En la tabla 4 el Diámetro Mínimo Recomendado es 3.00" (5 HP a 1750 RPM).

**PASO 4.** SELECCIONE LA TRANSMISIÓN
A) Vaya a las tablas de **Selección de Transmisión** en Existencia a la sección de banda seleccionada en el paso 2.
B) Encuentre la columna de Velocidad de Unidad Motriz (las velocidades indicadas son para motores a plena carga).
C) En la columna de Velocidad de Unidad Motriz encuentre la velocidad de la unidad impulsada (o la que se aproxime más). En la misma columna encontrará la **Potencia por Banda.**
D) Lea la columna de la extrema izquierda sobre el mismo renglón, hasta encontrar la combinación de poleas. Asegúrese de que el diámetro de la polea motriz sea igual o mayor al Diámetro Mínimo Recomendado (Paso 3).
E) Lea hacia la derecha para encontrar la distancia entre centros más cercana a su aplicación. El tamaño de la banda se indica en la parte superior de la columna en Distancia entre Centros.
Ejemplo: De la tablas de Selección de Transmisión en Existencia para bandas 3V.
Velocidad de **1750 RPM en la unidad motriz.**
Velocidad de **800 RPM en la unidad impulsada** (Página D-54).
Potencia por banda **3.04 HP/banda.**
En la extrema izquierda del mismo renglón, la combinación de poleas es de **3.00**" **para la motriz** y de **6.5**" **para la impulsada**. Esta combinación dará las velocidades requeridas (el diámetro mínimo de acuerdo con la Tabla 4 es de 3.00"). La distancia entre centros más cercana a 20" que podemos obtener con bandas estándar es de 20.5" con una banda 3VX560.

**PASO 5.** DETERMINE EL NÚMERO DE BANDAS REQUERIDAS
Para determinar el número de bandas requeridas (y por lo tanto el número de ranuras en las poleas), multiplique la **Potencia por Banda** (de acuerdo al punto 4C) **por el Factor de Corrección por Longitud y Arco**, que encontramos en la parte inferior de la columna en donde leímos la Distancia entre Centros (renglón gris inmediato inferior). Con esto obtenemos la **Potencia Corregida por Banda**. Dividiendo la **Potencia de Diseño** calculada en el Paso 1 entre la **Potencia Corregida Por Banda** para obtener el **Número de Bandas Requerido** (siempre deberá redondear al siguiente número entero).

Ejemplo: $$\text{No. de Bandas} = \frac{\textbf{Potencia de Diseño}}{\text{Potencia Corregida por Banda (HP)}}$$

La Potencia de Diseño calculada en el Paso 1 es de 7 HP.
La Potencia Corregida por Banda = Potencia por Banda (Paso 4C) × Factor de corrección por Longitud y Arco.
Por lo tanto, Potencia Corregida por Banda = 3.04 HP/banda × 0.96 = 2.92 HP/banda.
No. de Bandas Requeridas = 7 HP/ 2.92 HP/banda = 2.4 bandas.
Utilice 3 bandas.

**PASO 6.** Solicite a Martin:
(1) 3 3V 300 SH (Polea Motriz).
(1) SH 1⅝ (Buje).
(1) 3 3V 650 SDS (Polea Impulsada).
(1) SDS 1⅝ (Buje).

(La decisión de utilizar bujes QD fue arbitraria ya que también podrían utilizarse bujes Taper.)

# Selección de Transmisión de Poleas en Existencia

**EJEMPLO**

Se requiere mover un ventilador a 315 RPM utilizando un motor eléctrico de torque normal, jaula de ardilla de 25 HP y 1160 RPM. La distancia entre centros de ejes debe ser de aproximadamente 40". El diámetro del eje del motor es de 2⅛" y del ventilador es de 2¼". El ventilador operará 15 horas diarias con carga constante.

1. Potencia del motor . . . . . .25 HP
2. RPM de la Unidad Motriz . . . . . .1160 RPM
3. RPM de la máquina Impulsada . . . . . .315 RPM
4. Distancia entre Centros Aproximada . . . . . .40"

**PASO 1 DETERMINE LA POTENCIA DE DISEÑO (HP)**
De la tabla 1 el Factor de Servicio es 1.2.
Potencia de Diseño (HP) = Potencia del Motor × Factor de Servicio.
Potencia de Diseño (HP) = 25 HP × 1.2 = 30 HP.

**PASO 2 DETERMINE LA SECCIÓN DE LA BANDA**
De la Tabla 3 la sección es "B".

**PASO 3 REVISE EL DIÁMETRO MÍNIMO DE POLEA MOTRIZ**
De la Tabla 4 el diámetro mínimo es 6.75".

**PASO 4 SELECCIONE LA TRANSMISIÓN**
De las Tablas de Selección de Transmisión en Existencia para Bandas "B".
RPM de la Unidad Motriz = 1160 RPM.
RPM de la Máquina Impulsada = 315 RPM.
HP por banda = 8.19 HP/banda.
Combinación de poleas:
(Revise el Diámetro Mínimo).
Polea Motriz = 6.8" ( 6.75" mínimo).
Polea impulsada = 25"
Distancia entre centros = 38.9" con una banda B128.

**NOTA:** LOS EQUIPOS QUE ESTEN SUJETOS A CARGAS DE IMPACTO PESADO COMO QUEBRADORAS O ASTILLADORAS DE MADERA REQUIEREN POLEAS DE CONSTRUCCION ESPECIAL.

EN ESTOS CASOS CONSULTE A Martin.

**ADVERTENCIA: Consulte a Martin antes de usar Bandas de Kevlar.**

Potencia Corregida por banda = Potencia por banda × Factor de Corrección por Longitud y Arco = 8.19 HP/banda × 1.06 = 8.68 HP por banda.

Determine el Número de Bandas Requerido dividiendo la Potencia de Diseño entre la Potencia Corregida por banda.

No. de bandas = 30 HP/ 8.68 HP/ banda = 3.45 bandas. Utilice 4 bandas.

Solicite a Martin:
(1) 4 B 68 TB (Polea Motriz)
(1) 2517 2⅛ (Buje)
(1) 4 B 250 TB (Polea Impulsada)
(1) 3030 2¼ (Buje)

(La decisión de utilizar Bujes Taper fue arbitraria.)

# 3V Selección de Transmisión de Poleas en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 1.00 | 2.20 | 2.20 | 3500 | 2.33 | 1750 | 1.37 | 1160 | 0.98 | 870 | 0.77 | 9.0 | 11.5 | 14.3 | 16.5 | 19.0 | 21.5 | 24.5 |
| 1.00 | 2.35 | 2.35 | 3500 | 2.81 | 1750 | 1.63 | 1160 | 1.16 | 870 | 0.91 | 8.8 | 11.3 | 14.1 | 16.3 | 18.8 | 21.3 | 24.3 |
| 1.00 | 2.50 | 2.50 | 3500 | 3.30 | 1750 | 1.89 | 1160 | 1.34 | 870 | 1.05 | 8.6 | 11.1 | 13.8 | 16.1 | 18.6 | 21.1 | 24.1 |
| 1.00 | 2.65 | 2.65 | 3500 | 3.78 | 1750 | 2.15 | 1160 | 1.52 | 870 | 1.18 | 8.3 | 10.8 | 13.6 | 15.8 | 18.3 | 20.8 | 23.8 |
| 1.00 | 2.80 | 2.80 | 3500 | 4.25 | 1750 | 2.41 | 1160 | 1.69 | 870 | 1.32 | 8.1 | 10.6 | 13.4 | 15.6 | 18.1 | 20.6 | 23.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.00 | 3.00 | 3.00 | 3500 | 4.88 | 1750 | 2.75 | 1160 | 1.93 | 870 | 1.50 | 7.8 | 10.3 | 13.0 | 15.3 | 17.8 | 20.3 | 23.3 |
| 1.00 | 3.15 | 3.15 | 3500 | 5.34 | 1750 | 3.01 | 1160 | 2.10 | 870 | 1.63 | 7.6 | 10.1 | 12.8 | 15.1 | 17.6 | 20.1 | 23.1 |
| 1.00 | 3.35 | 3.35 | 3500 | 5.96 | 1750 | 3.34 | 1160 | 2.34 | 870 | 1.81 | 7.2 | 9.7 | 12.5 | 14.7 | 17.2 | 19.7 | 22.7 |
| 1.00 | 3.65 | 3.65 | 3500 | 6.86 | 1750 | 3.85 | 1160 | 2.68 | 870 | 2.08 | 6.8 | 9.3 | 12.0 | 14.3 | 16.8 | 19.3 | 22.3 |
| 1.00 | 4.12 | 4.12 | 3500 | 8.24 | 1750 | 4.63 | 1160 | 3.22 | 870 | 2.49 | 6.0 | 8.5 | 11.3 | 13.5 | 16.0 | 18.5 | 21.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.00 | 4.50 | 4.50 | 3500 | 9.32 | 1750 | 5.25 | 1160 | 3.65 | 870 | 2.82 | — | 7.9 | 10.7 | 12.9 | 15.4 | 17.9 | 20.9 |
| 1.00 | 4.75 | 4.75 | 3500 | 10.01 | 1750 | 5.65 | 1160 | 3.93 | 870 | 3.04 | — | 7.5 | 10.3 | 12.5 | 15.0 | 17.5 | 20.5 |
| 1.00 | 5.00 | 5.00 | 3500 | 10.68 | 1750 | 6.06 | 1160 | 4.21 | 870 | 3.26 | — | 7.1 | 9.9 | 12.1 | 14.6 | 17.1 | 20.1 |
| 1.00 | 5.30 | 5.30 | 3500 | 11.48 | 1750 | 6.53 | 1160 | 4.55 | 870 | 3.51 | — | 6.7 | 9.4 | 11.7 | 14.2 | 16.7 | 19.7 |
| 1.00 | 5.60 | 5.60 | 3500 | 12.25 | 1750 | 7.01 | 1160 | 4.88 | 870 | 3.77 | — | — | 9.0 | 11.2 | 13.7 | 16.2 | 19.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.00 | 6.00 | 6.00 | 3500 | 13.24 | 1750 | 7.63 | 1160 | 5.32 | 870 | 4.11 | — | — | 8.3 | 10.6 | 13.1 | 15.6 | 18.6 |
| 1.00 | 6.50 | 6.50 | 3500 | 14.41 | 1750 | 8.40 | 1160 | 5.87 | 870 | 4.53 | — | — | — | 9.8 | 12.3 | 14.8 | 17.8 |
| 1.00 | 6.90 | 6.90 | 3500 | 15.30 | 1750 | 9.01 | 1160 | 6.30 | 870 | 4.87 | — | — | — | 9.2 | 11.7 | 14.2 | 17.2 |
| 1.00 | 8.00 | 8.00 | + | + | 1750 | 10.64 | 1160 | 7.47 | 870 | 5.78 | — | — | — | — | 9.9 | 12.4 | 15.4 |
| 1.00 | 10.60 | 10.60 | + | + | 1750 | 14.22 | 1160 | 10.13 | 870 | 7.87 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.05 | 3.00 | 3.15 | 3331 | 5.00 | 1665 | 2.81 | 1140 | 1.97 | 828 | 1.53 | 7.7 | 10.2 | 12.9 | 15.2 | 17.7 | 20.2 | 23.2 |
| 1.05 | 4.75 | 5.00 | 3323 | 10.13 | 1662 | 5.71 | 1101 | 3.97 | 826 | 3.07 | — | 7.3 | 10.1 | 12.3 | 14.8 | 17.3 | 20.3 |
| 1.06 | 2.50 | 2.65 | 3298 | 3.44 | 1649 | 1.96 | 1093 | 1.39 | 820 | 1.08 | 8.5 | 11.0 | 13.7 | 16.0 | 18.5 | 21.0 | 24.0 |
| 1.06 | 2.65 | 2.80 | 3309 | 3.92 | 1655 | 2.22 | 1097 | 1.56 | 823 | 1.22 | 8.2 | 10.7 | 13.5 | 15.7 | 18.2 | 20.7 | 23.7 |
| 1.06 | 3.15 | 3.35 | 3288 | 5.48 | 1644 | 3.07 | 1090 | 2.15 | 817 | 1.67 | 7.4 | 9.9 | 12.6 | 14.9 | 17.4 | 19.9 | 22.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.89** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.06 | 4.50 | 4.75 | 3314 | 9.45 | 1657 | 5.32 | 1098 | 3.70 | 824 | 2.86 | — | 7.7 | 10.5 | 12.7 | 15.2 | 17.7 | 20.7 |
| 1.06 | 5.00 | 5.30 | 3300 | 10.82 | 1650 | 6.12 | 1094 | 4.26 | 820 | 3.29 | — | 6.9 | 9.7 | 11.9 | 14.4 | 16.9 | 19.9 |
| 1.06 | 5.30 | 5.60 | 3311 | 11.62 | 1655 | 6.60 | 1097 | 4.59 | 823 | 3.55 | — | — | 9.2 | 11.4 | 13.9 | 16.4 | 19.4 |
| 1.06 | 6.50 | 6.90 | 3296 | 14.55 | 1648 | 8.47 | 1092 | 5.91 | 819 | 4.57 | — | — | — | 9.5 | 12.0 | 14.5 | 17.5 |
| 1.07 | 2.20 | 2.35 | 3272 | 2.48 | 1636 | 1.45 | 1084 | 1.03 | 813 | 0.81 | 8.9 | 11.4 | 14.2 | 16.4 | 18.9 | 21.4 | 24.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.89** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.07 | 2.35 | 2.50 | 3286 | 2.97 | 1643 | 1.71 | 1089 | 1.21 | 817 | 0.95 | 8.7 | 11.2 | 13.9 | 16.2 | 18.7 | 21.2 | 24.2 |
| 1.07 | 2.80 | 3.00 | 3263 | 4.41 | 1631 | 2.49 | 1081 | 1.75 | 811 | 1.36 | 7.9 | 10.4 | 13.2 | 15.4 | 17.9 | 20.4 | 23.4 |
| 1.07 | 5.60 | 6.00 | 3265 | 12.40 | 1632 | 7.09 | 1082 | 4.93 | 812 | 3.81 | — | — | 8.6 | 10.9 | 13.4 | 15.9 | 18.9 |
| 1.08 | 6.00 | 6.50 | 3229 | 13.41 | 1614 | 7.72 | 1070 | 5.38 | 803 | 4.15 | — | — | 7.9 | 10.2 | 12.7 | 15.2 | 18.2 |
| 1.09 | 3.35 | 3.65 | 3208 | 6.15 | 1604 | 3.44 | 1063 | 2.40 | 797 | 1.86 | 7.0 | 9.5 | 12.3 | 14.5 | 17.0 | 19.5 | 22.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.09 | 4.12 | 4.50 | 3201 | 8.43 | 1601 | 4.72 | 1061 | 3.29 | 796 | 2.54 | 5.7 | 8.2 | 11.0 | 13.2 | 15.7 | 18.2 | 21.2 |
| 1.11 | 4.50 | 5.00 | 3146 | 9.54 | 1573 | 5.36 | 1043 | 3.73 | 782 | 2.88 | — | 7.5 | 10.3 | 12.5 | 15.0 | 17.5 | 20.5 |
| 1.12 | 2.50 | 2.80 | 3118 | 3.54 | 1559 | 2.01 | 1033 | 1.42 | 775 | 1.11 | 8.3 | 10.8 | 13.6 | 15.8 | 18.3 | 20.8 | 23.8 |
| 1.12 | 3.00 | 3.35 | 3129 | 5.12 | 1564 | 2.87 | 1037 | 2.01 | 778 | 1.56 | 7.5 | 10.0 | 12.8 | 15.0 | 17.5 | 20.0 | 23.0 |
| 1.12 | 4.75 | 5.30 | 3133 | 10.25 | 1567 | 5.77 | 1038 | 4.01 | 779 | 3.10 | — | 7.1 | 9.9 | 12.1 | 14.6 | 17.1 | 20.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.12 | 5.00 | 5.60 | 3122 | 10.93 | 1561 | 6.18 | 1035 | 4.29 | 776 | 3.32 | — | 6.7 | 9.4 | 11.7 | 14.2 | 16.7 | 19.7 |
| 1.13 | 2.35 | 2.65 | 3096 | 3.07 | 1548 | 1.76 | 1026 | 1.25 | 770 | 0.97 | 8.6 | 11.1 | 13.8 | 16.1 | 18.6 | 21.1 | 24.1 |
| 1.13 | 2.65 | 3.00 | 3085 | 4.03 | 1542 | 2.28 | 1022 | 1.60 | 767 | 1.25 | 8.1 | 10.6 | 13.3 | 15.6 | 18.1 | 20.6 | 23.6 |
| 1.13 | 2.80 | 3.15 | 3105 | 4.51 | 1552 | 2.54 | 1029 | 1.78 | 772 | 1.38 | 7.8 | 10.3 | 13.1 | 15.3 | 17.8 | 20.3 | 23.3 |
| 1.13 | 3.65 | 4.12 | 3096 | 7.12 | 1548 | 3.97 | 1026 | 2.77 | 770 | 21.4 | 6.4 | 8.9 | 11.6 | 13.9 | 16.4 | 18.9 | 21.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.89** | **0.92** | **0.94** | **0.96** | **0.98** |
| 1.13 | 5.30 | 6.00 | 3088 | 11.73 | 1544 | 6.66 | 1024 | 4.63 | 768 | 3.58 | — | — | 8.9 | 11.1 | 13.6 | 16.1 | 19.1 |
| 1.14 | 2.20 | 2.50 | 3071 | 2.60 | 1536 | 1.50 | 1018 | 1.07 | 763 | 0.84 | 8.8 | 11.3 | 14.1 | 16.3 | 18.8 | 21.3 | 24.3 |
| 1.15 | 4.12 | 4.75 | 3031 | 8.52 | 1515 | 4.77 | 1005 | 3.32 | 753 | 2.56 | — | 8.0 | 10.8 | 13.0 | 15.5 | 18.0 | 21.0 |
| 1.15 | 6.00 | 6.90 | 3040 | 13.52 | 1520 | 7.78 | 1008 | 5.41 | 756 | 4.18 | — | — | — | 9.9 | 12.4 | 14.9 | 17.9 |
| 1.16 | 3.15 | 3.65 | 3014 | 5.64 | 1507 | 3.15 | 999 | 2.20 | 749 | 1.71 | 7.2 | 9.7 | 12.4 | 14.7 | 17.2 | 19.7 | 22.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.89** | **0.92** | **0.94** | **0.96** | **0.98** |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| 26.5 | 28.0 | 30.0 | 32.0 | 36.5 | 39.0 | 41.5 | 44.0 | 46.5 | 49.5 | 52.5 | 55.5 | 59.0 | 62.5 | 66.5 | 2.20 | 2.20 | 1.00 |
| 26.3 | 27.8 | 29.8 | 31.8 | 36.3 | 38.8 | 41.3 | 43.8 | 46.3 | 49.3 | 52.3 | 55.3 | 58.8 | 62.3 | 66.3 | 2.35 | 2.35 | 1.00 |
| 26.1 | 27.6 | 29.6 | 31.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.1 | 49.1 | 52.1 | 55.1 | 58.6 | 62.1 | 66.1 | 2.50 | 2.50 | 1.00 |
| 25.8 | 27.3 | 29.3 | 31.3 | 35.8 | 38.3 | 40.8 | 43.3 | 45.8 | 48.8 | 51.8 | 54.8 | 58.3 | 61.8 | 65.8 | 2.65 | 2.65 | 1.00 |
| 25.6 | 27.1 | 29.1 | 31.1 | 35.6 | 38.1 | 40.6 | 43.1 | 45.6 | 48.6 | 51.6 | 54.6 | 58.1 | 61.6 | 65.6 | 2.80 | 2.80 | 1.00 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 25.3 | 26.8 | 28.8 | 30.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.3 | 48.3 | 51.3 | 54.3 | 57.8 | 61.3 | 65.3 | 3.00 | 3.00 | 1.00 |
| 25.1 | 26.6 | 28.6 | 30.6 | 35.1 | 37.6 | 40.1 | 42.6 | 45.1 | 48.1 | 51.1 | 54.1 | 57.6 | 61.1 | 65.1 | 3.15 | 3.15 | 1.00 |
| 24.7 | 26.2 | 28.2 | 30.2 | 34.7 | 37.2 | 39.7 | 42.2 | 44.7 | 47.7 | 50.7 | 53.7 | 57.2 | 60.7 | 64.7 | 3.35 | 3.35 | 1.00 |
| 24.3 | 25.8 | 27.8 | 29.8 | 34.3 | 36.8 | 39.3 | 41.8 | 44.3 | 47.3 | 50.3 | 53.3 | 56.8 | 60.3 | 64.3 | 3.65 | 3.65 | 1.00 |
| 23.5 | 25.0 | 27.0 | 29.0 | 33.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.5 | 49.5 | 52.5 | 56.0 | 59.5 | 63.5 | 4.12 | 4.12 | 1.00 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 22.9 | 24.4 | 26.4 | 28.4 | 32.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.9 | 48.9 | 51.9 | 55.4 | 58.9 | 62.9 | 4.50 | 4.50 | 1.00 |
| 22.5 | 24.0 | 26.0 | 28.0 | 32.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.5 | 48.5 | 51.5 | 55.0 | 58.5 | 62.5 | 4.75 | 4.75 | 1.00 |
| 22.1 | 23.6 | 25.6 | 27.6 | 32.1 | 34.6 | 37.1 | 39.6 | 42.1 | 45.1 | 48.1 | 51.1 | 54.6 | 58.1 | 62.1 | 5.00 | 5.00 | 1.00 |
| 21.7 | 23.2 | 25.2 | 27.2 | 31.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.7 | 47.7 | 50.7 | 54.2 | 57.7 | 61.7 | 5.30 | 5.30 | 1.00 |
| 21.2 | 22.7 | 24.7 | 26.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.2 | 44.2 | 47.2 | 50.2 | 53.7 | 57.2 | 61.2 | 5.60 | 5.60 | 1.00 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 20.6 | 22.1 | 24.1 | 26.1 | 30.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.6 | 46.6 | 49.6 | 53.1 | 56.6 | 60.6 | 6.00 | 6.00 | 1.00 |
| 19.8 | 21.3 | 23.3 | 25.3 | 29.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 45.8 | 48.8 | 52.3 | 55.8 | 59.8 | 6.50 | 6.50 | 1.00 |
| 19.2 | 20.7 | 22.7 | 24.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 45.2 | 48.2 | 51.7 | 55.2 | 59.2 | 6.90 | 6.90 | 1.00 |
| 17.4 | 18.9 | 20.9 | 22.9 | 27.4 | 29.9 | 32.4 | 34.9 | 37.4 | 40.4 | 43.4 | 46.4 | 49.9 | 53.4 | 57.4 | 8.00 | 8.00 | 1.00 |
| 13.3 | 14.8 | 16.8 | 18.8 | 23.3 | 25.8 | 28.3 | 30.8 | 33.3 | 36.3 | 39.3 | 42.3 | 45.8 | 49.3 | 53.3 | 10.60 | 10.60 | 1.00 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 25.2 | 26.7 | 28.7 | 30.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.2 | 48.2 | 51.2 | 54.2 | 57.7 | 61.2 | 65.2 | 3.00 | 3.15 | 1.05 |
| 22.3 | 23.8 | 25.8 | 27.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.3 | 45.3 | 48.3 | 51.3 | 54.8 | 58.3 | 62.3 | 4.75 | 5.00 | 1.05 |
| 26.0 | 27.5 | 29.5 | 31.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.0 | 49.0 | 52.0 | 55.0 | 58.5 | 62.0 | 66.0 | 2.50 | 2.65 | 1.06 |
| 25.7 | 27.2 | 29.2 | 31.2 | 35.7 | 38.2 | 40.7 | 43.2 | 45.7 | 48.7 | 51.7 | 54.7 | 58.2 | 61.7 | 65.7 | 2.65 | 2.80 | 1.06 |
| 24.9 | 26.4 | 28.4 | 30.4 | 34.9 | 37.4 | 39.9 | 42.4 | 44.9 | 47.9 | 50.9 | 53.9 | 57.4 | 60.9 | 64.9 | 3.15 | 3.35 | 1.06 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 22.7 | 24.2 | 26.2 | 28.2 | 32.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.7 | 48.7 | 51.7 | 55.2 | 58.7 | 62.7 | 4.50 | 4.75 | 1.06 |
| 21.9 | 23.4 | 25.4 | 27.4 | 31.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.9 | 47.9 | 50.9 | 54.4 | 57.9 | 61.9 | 5.00 | 5.30 | 1.06 |
| 21.4 | 22.9 | 24.9 | 26.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.4 | 44.4 | 47.4 | 50.4 | 53.9 | 57.4 | 61.4 | 5.30 | 5.60 | 1.06 |
| 19.5 | 21.0 | 23.0 | 25.0 | 29.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 45.5 | 48.5 | 52.0 | 55.5 | 59.5 | 6.50 | 6.90 | 1.06 |
| 26.4 | 27.9 | 29.9 | 31.9 | 36.4 | 38.9 | 41.4 | 43.9 | 46.4 | 49.4 | 52.4 | 55.4 | 58.9 | 62.4 | 66.4 | 2.20 | 2.35 | 1.07 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 26.2 | 27.7 | 29.7 | 31.7 | 36.2 | 38.7 | 41.2 | 43.7 | 46.2 | 49.2 | 52.2 | 55.2 | 58.7 | 62.2 | 66.2 | 2.35 | 2.50 | 1.07 |
| 25.4 | 26.9 | 28.9 | 30.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.4 | 48.4 | 51.4 | 54.4 | 57.9 | 61.4 | 65.4 | 2.80 | 3.00 | 1.07 |
| 20.9 | 22.4 | 24.4 | 26.4 | 30.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.9 | 46.9 | 49.9 | 53.4 | 56.9 | 60.9 | 5.60 | 6.00 | 1.07 |
| 20.2 | 21.7 | 23.7 | 25.7 | 30.2 | 32.7 | 35.2 | 37.7 | 40.2 | 43.2 | 46.2 | 49.2 | 52.7 | 56.2 | 60.2 | 6.00 | 6.50 | 1.08 |
| 24.5 | 26.0 | 28.0 | 30.0 | 34.5 | 37.0 | 39.5 | 42.0 | 44.5 | 47.5 | 50.5 | 53.5 | 57.0 | 60.5 | 64.5 | 3.35 | 3.65 | 1.09 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 23.2 | 24.7 | 26.7 | 28.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.2 | 46.2 | 49.2 | 52.2 | 55.7 | 59.2 | 63.2 | 4.12 | 4.50 | 1.09 |
| 22.5 | 24.0 | 26.0 | 28.0 | 32.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.5 | 48.5 | 51.5 | 55.0 | 58.5 | 62.5 | 4.50 | 5.00 | 1.11 |
| 25.8 | 27.3 | 29.3 | 31.3 | 35.8 | 38.3 | 40.8 | 43.3 | 45.8 | 48.8 | 51.8 | 54.8 | 58.3 | 61.8 | 65.8 | 2.50 | 2.80 | 1.12 |
| 25.0 | 26.5 | 28.5 | 30.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.0 | 48.0 | 51.0 | 54.0 | 57.5 | 61.0 | 65.0 | 3.00 | 3.35 | 1.12 |
| 22.1 | 23.6 | 25.6 | 27.6 | 32.1 | 34.6 | 37.1 | 39.6 | 42.1 | 45.1 | 48.1 | 51.1 | 54.6 | 58.1 | 62.1 | 4.75 | 5.30 | 1.12 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 21.7 | 23.2 | 25.2 | 27.2 | 31.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.7 | 47.7 | 50.7 | 54.2 | 57.7 | 61.7 | 5.00 | 5.60 | 1.12 |
| 26.1 | 27.6 | 29.6 | 31.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.1 | 49.1 | 52.1 | 55.1 | 58.6 | 62.1 | 66.1 | 2.35 | 2.65 | 1.13 |
| 25.6 | 27.1 | 29.1 | 31.1 | 35.6 | 38.1 | 40.6 | 43.1 | 45.6 | 48.6 | 51.6 | 54.6 | 58.1 | 61.6 | 65.6 | 2.65 | 3.00 | 1.13 |
| 25.3 | 26.8 | 28.8 | 30.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.3 | 48.3 | 51.3 | 54.3 | 57.8 | 61.3 | 65.3 | 2.80 | 3.15 | 1.13 |
| 23.9 | 25.4 | 27.4 | 29.4 | 33.9 | 36.4 | 38.9 | 41.4 | 43.9 | 46.9 | 49.9 | 52.9 | 56.4 | 59.9 | 63.9 | 3.65 | 4.12 | 1.13 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |
| 21.1 | 22.6 | 24.6 | 26.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.1 | 44.1 | 47.1 | 50.1 | 53.6 | 57.1 | 61.1 | 5.30 | 6.00 | 1.13 |
| 26.3 | 27.8 | 29.8 | 31.8 | 36.3 | 38.8 | 41.3 | 43.8 | 46.3 | 49.3 | 52.3 | 55.3 | 58.8 | 62.3 | 66.3 | 2.20 | 2.50 | 1.14 |
| 23.0 | 24.5 | 26.5 | 28.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.0 | 46.0 | 49.0 | 52.0 | 55.5 | 59.0 | 63.0 | 4.12 | 4.75 | 1.15 |
| 19.9 | 21.4 | 23.4 | 25.4 | 29.9 | 32.4 | 34.9 | 37.4 | 39.9 | 42.9 | 45.9 | 48.9 | 52.4 | 55.9 | 59.9 | 6.00 | 6.90 | 1.15 |
| 24.7 | 26.2 | 28.2 | 30.2 | 34.7 | 37.2 | 39.7 | 42.2 | 44.7 | 47.7 | 50.7 | 53.7 | 57.2 | 60.7 | 64.7 | 3.15 | 3.65 | 1.16 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.08** | **1.10** | **1.11** | **1.11** | **1.13** | **1.14** | **1.15** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# 3V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal Entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 1.16 | 5.60 | 6.50 | 3012 | 12.54 | 1506 | 7.16 | 998 | 4.98 | 749 | 3.84 | — | — | 8.2 | 10.5 | 13.0 | 15.5 | 18.5 |
| 1.16 | 6.90 | 8.00 | 3016 | 15.59 | 1508 | 9.16 | 999 | 6.40 | 750 | 4.94 | — | — | — | — | 10.8 | 13.3 | 16.3 |
| 1.18 | 4.50 | 5.30 | 2967 | 9.63 | 1483 | 5.41 | 983 | 3.76 | 737 | 2.90 | — | 7.3 | 10.0 | 12.3 | 14.8 | 17.3 | 20.3 |
| 1.18 | 4.75 | 5.60 | 2964 | 10.33 | 1482 | 5.81 | 982 | 4.04 | 737 | 3.12 | — | 6.9 | 9.6 | 11.9 | 14.4 | 16.9 | 19.9 |
| 1.19 | 2.65 | 3.15 | 2935 | 4.11 | 1468 | 2.32 | 973 | 1.63 | 730 | 1.27 | 7.9 | 10.4 | 13.2 | 15.4 | 17.9 | 20.4 | 23.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.91** | **0.94** | **0.95** | **0.98** |
| 1.20 | 2.35 | 2.80 | 2927 | 3.15 | 1464 | 1.80 | 970 | 1.27 | 728 | 1.00 | 8.5 | 11.0 | 13.7 | 16.0 | 18.5 | 21.0 | 24.0 |
| 1.20 | 2.50 | 3.00 | 2907 | 3.64 | 1453 | 2.06 | 963 | 1.45 | 723 | 1.13 | 8.2 | 10.7 | 13.4 | 15.7 | 18.2 | 20.7 | 23.7 |
| 1.20 | 2.80 | 3.35 | 2917 | 4.59 | 1458 | 2.58 | 967 | 1.81 | 725 | 1.40 | 7.7 | 10.2 | 12.9 | 15.2 | 17.7 | 20.2 | 23.2 |
| 1.20 | 5.00 | 6.00 | 2912 | 11.02 | 1456 | 6.22 | 965 | 4.33 | 724 | 3.34 | — | — | 9.1 | 11.3 | 13.9 | 16.4 | 19.4 |
| 1.21 | 2.20 | 2.65 | 2894 | 2.68 | 1447 | 1.54 | 959 | 1.10 | 719 | 0.86 | 8.7 | 11.2 | 13.9 | 16.2 | 18.7 | 21.2 | 24.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.89** | **0.91** | **0.94** | **0.96** | **0.98** |
| 1.22 | 3.00 | 3.65 | 2868 | 5.24 | 1434 | 2.93 | 951 | 2.05 | 713 | 1.59 | 7.3 | 9.8 | 12.5 | 14.8 | 17.3 | 19.8 | 22.8 |
| 1.22 | 4.12 | 5.00 | 2878 | 8.60 | 1439 | 4.81 | 954 | 3.34 | 715 | 2.58 | — | 7.8 | 10.6 | 12.8 | 15.3 | 17.8 | 20.8 |
| 1.23 | 3.35 | 4.12 | 2838 | 6.32 | 1419 | 3.53 | 941 | 2.46 | 705 | 1.90 | 6.6 | 9.1 | 11.9 | 14.1 | 16.6 | 19.1 | 22.1 |
| 1.23 | 5.30 | 6.50 | 2849 | 11.84 | 1424 | 6.72 | 944 | 4.67 | 708 | 3.61 | — | — | 8.5 | 10.7 | 13.2 | 15.7 | 18.7 |
| 1.23 | 5.60 | 6.90 | 2836 | 12.61 | 1418 | 7.19 | 940 | 5.00 | 705 | 3.86 | — | — | 7.9 | 10.2 | 12.7 | 15.2 | 18.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.23 | 6.50 | 8.00 | 2840 | 14.78 | 1420 | 8.59 | 941 | 5.99 | 706 | 4.62 | — | — | — | 8.6 | 11.1 | 13.6 | 16.6 |
| 1.24 | 3.65 | 4.50 | 2831 | 7.24 | 1416 | 4.03 | 938 | 2.81 | 704 | 2.17 | 6.1 | 8.6 | 11.3 | 13.6 | 16.1 | 18.6 | 21.6 |
| 1.25 | 4.50 | 5.60 | 2806 | 9.70 | 1403 | 5.44 | 930 | 3.78 | 698 | 2.92 | — | 7.0 | 9.8 | 12.1 | 14.6 | 17.1 | 20.1 |
| 1.27 | 2.50 | 3.15 | 2766 | 3.70 | 1383 | 2.09 | 917 | 1.47 | 688 | 1.15 | 8.1 | 10.6 | 13.3 | 15.6 | 18.1 | 20.6 | 23.6 |
| 1.27 | 2.65 | 3.35 | 2758 | 4.18 | 1379 | 2.35 | 914 | 1.65 | 685 | 1.28 | 7.8 | 10.3 | 13.0 | 15.3 | 17.8 | 20.3 | 23.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.85** | **0.89** | **0.91** | **0.93** | **0.95** | **0.98** |
| 1.27 | 4.75 | 6.00 | 2765 | 10.41 | 1382 | 5.85 | 916 | 4.07 | 687 | 3.14 | — | — | 9.3 | 11.5 | 14.0 | 16.5 | 19.5 |
| 1.28 | 2.20 | 2.80 | 2736 | 2.73 | 1368 | 1.57 | 907 | 1.12 | 680 | 0.87 | 8.6 | 11.1 | 13.8 | 16.1 | 18.6 | 21.1 | 24.1 |
| 1.28 | 2.35 | 3.00 | 2729 | 3.22 | 1364 | 1.83 | 904 | 1.30 | 678 | 1.01 | 8.3 | 10.8 | 13.5 | 15.8 | 18.3 | 20.8 | 23.8 |
| 1.29 | 4.12 | 5.30 | 2713 | 8.65 | 1357 | 4.83 | 899 | 3.36 | 674 | 2.59 | — | 7.6 | 10.3 | 12.6 | 15.1 | 17.6 | 20.6 |
| 1.30 | 5.00 | 6.50 | 2686 | 11.10 | 1343 | 6.27 | 890 | 4.35 | 668 | 3.36 | — | — | 8.7 | 10.9 | 13.4 | 16.0 | 19.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.91** | **0.93** | **0.95** | **0.98** |
| 1.30 | 5.30 | 6.90 | 2682 | 11.90 | 1341 | 6.74 | 889 | 4.69 | 667 | 3.62 | — | — | 8.1 | 10.4 | 12.9 | 15.4 | 18.4 |
| 1.31 | 2.80 | 3.65 | 2674 | 4.68 | 1337 | 2.62 | 886 | 1.83 | 665 | 1.43 | 7.4 | 9.9 | 12.7 | 14.9 | 17.4 | 19.9 | 22.9 |
| 1.31 | 3.15 | 4.12 | 2666 | 5.77 | 1333 | 3.22 | 884 | 2.24 | 663 | 1.74 | 6.8 | 9.3 | 12.0 | 14.3 | 16.8 | 19.3 | 22.3 |
| 1.31 | 3.65 | 4.75 | 2681 | 7.29 | 1340 | 4.06 | 889 | 2.82 | 666 | 2.18 | 5.9 | 8.4 | 11.1 | 13.4 | 15.9 | 18.4 | 21.4 |
| 1.32 | 10.60 | 14.00 | + | + | 1323 | 14.43 | 877 | 10.27 | 658 | 7.98 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.33 | 8.00 | 10.60 | + | + | 1319 | 10.86 | 874 | 7.61 | 656 | 5.89 | — | — | — | — | — | — | 13.3 |
| 1.34 | 4.50 | 6.00 | 2618 | 9.76 | 1309 | 5.47 | 868 | 3.80 | 651 | 2.93 | — | 6.7 | 9.5 | 11.7 | 14.2 | 16.7 | 19.7 |
| 1.34 | 6.00 | 8.00 | 2619 | 13.68 | 1310 | 7.86 | 868 | 5.47 | 651 | 4.22 | — | — | — | 8.9 | 11.5 | 14.0 | 17.0 |
| 1.35 | 2.35 | 3.15 | 2597 | 3.26 | 1298 | 1.85 | 861 | 1.31 | 645 | 1.02 | 8.2 | 10.7 | 13.4 | 15.7 | 18.2 | 20.7 | 23.7 |
| 1.35 | 2.50 | 3.35 | 2598 | 3.75 | 1299 | 2.12 | 861 | 1.49 | 646 | 1.16 | 7.9 | 10.4 | 13.1 | 15.4 | 17.9 | 20.4 | 23.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.89** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.35 | 3.35 | 4.50 | 2596 | 6.40 | 1298 | 3.57 | 860 | 2.48 | 645 | 1.92 | 6.3 | 8.8 | 11.6 | 13.8 | 16.3 | 18.8 | 21.8 |
| 1.36 | 4.12 | 5.60 | 2567 | 8.69 | 1283 | 4.85 | 851 | 3.37 | 638 | 2.60 | — | 7.3 | 10.1 | 12.3 | 14.8 | 17.4 | 20.4 |
| 1.37 | 2.20 | 3.00 | 2551 | 2.78 | 1275 | 1.60 | 845 | 1.13 | 634 | 0.89 | 8.4 | 10.9 | 13.7 | 15.9 | 18.4 | 20.9 | 23.9 |
| 1.37 | 3.65 | 5.00 | 2545 | 7.32 | 1273 | 4.08 | 844 | 2.83 | 633 | 2.19 | 5.7 | 8.2 | 10.9 | 13.2 | 15.7 | 18.2 | 21.2 |
| 1.37 | 4.75 | 6.50 | 2550 | 10.47 | 1275 | 5.88 | 845 | 4.09 | 634 | 3.15 | — | — | 8.9 | 11.1 | 13.6 | 16.1 | 19.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.84** | **0.88** | **0.91** | **0.91** | **0.93** | **0.97** |
| 1.38 | 2.65 | 3.65 | 2528 | 4.24 | 1264 | 2.38 | 838 | 1.67 | 628 | 1.30 | 7.5 | 10.0 | 12.8 | 15.0 | 17.5 | 20.0 | 23.0 |
| 1.38 | 3.00 | 4.12 | 2537 | 5.34 | 1268 | 2.98 | 841 | 2.08 | 631 | 1.61 | 6.9 | 9.4 | 12.1 | 14.4 | 16.9 | 19.4 | 22.4 |
| 1.38 | 5.00 | 6.90 | 2529 | 11.15 | 1229 | 6.29 | 838 | 4.37 | 629 | 3.37 | — | — | 8.3 | 10.6 | 13.1 | 15.6 | 18.6 |
| 1.42 | 3.35 | 4.75 | 2457 | 6.44 | 1229 | 3.58 | 814 | 2.50 | 611 | 1.93 | 6.1 | 8.6 | 11.4 | 13.6 | 16.1 | 18.6 | 21.6 |
| 1.43 | 2.35 | 3.35 | 2439 | 3.30 | 1220 | 1.87 | 808 | 1.32 | 606 | 1.03 | 8.0 | 10.5 | 13.3 | 15.5 | 18.0 | 20.5 | 23.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.85** | **0.89** | **0.91** | **0.91** | **0.95** | **0.97** |
| 1.43 | 5.60 | 8.00 | 2443 | 12.73 | 1222 | 7.25 | 810 | 5.04 | 607 | 3.89 | — | — | — | 9.2 | 11.8 | 14.3 | 17.3 |
| 1.44 | 2.20 | 3.15 | 2427 | 2.81 | 1214 | 1.61 | 805 | 1.14 | 603 | 0.89 | 8.3 | 10.8 | 13.5 | 15.8 | 18.3 | 20.8 | 23.8 |
| 1.44 | 3.15 | 4.50 | 2438 | 5.38 | 1219 | 3.25 | 808 | 2.27 | 606 | 1.75 | 6.5 | 9.0 | 11.7 | 14.0 | 16.5 | 19.0 | 22.0 |
| 1.45 | 4.50 | 6.50 | 2415 | 9.81 | 1207 | 5.49 | 800 | 3.82 | 600 | 2.95 | — | — | 9.1 | 11.3 | 13.8 | 16.3 | 19.3 |
| 1.46 | 3.65 | 5.30 | 2400 | 7.35 | 1200 | 4.09 | 795 | 2.85 | 597 | 2.20 | — | 7.9 | 10.7 | 12.9 | 15.4 | 18.0 | 21.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.85** | **0.89** | **0.91** | **0.93** | **0.95** | **0.97** |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| 20.5 | 22.0 | 24.0 | 26.0 | 30.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.5 | 46.5 | 49.5 | 53.0 | 56.5 | 60.5 | 5.60 | 6.50 | 1.16 |
| 18.3 | 19.8 | 21.8 | 23.8 | 28.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 44.3 | 47.3 | 50.8 | 54.3 | 58.3 | 6.90 | 8.00 | 1.16 |
| 22.3 | 23.8 | 25.8 | 27.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.3 | 45.3 | 48.3 | 51.3 | 54.8 | 58.3 | 62.3 | 4.50 | 5.30 | 1.18 |
| 21.9 | 23.4 | 25.4 | 27.4 | 31.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.9 | 47.9 | 50.9 | 54.4 | 57.9 | 61.9 | 4.75 | 5.60 | 1.18 |
| 25.4 | 26.9 | 28.9 | 30.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.4 | 48.4 | 51.4 | 54.4 | 57.9 | 61.4 | 65.4 | 2.65 | 3.15 | 1.19 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 26.0 | 27.5 | 29.5 | 31.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.0 | 49.0 | 52.0 | 55.0 | 58.5 | 62.0 | 66.0 | 2.35 | 2.80 | 1.20 |
| 25.7 | 27.2 | 29.2 | 31.2 | 35.7 | 38.2 | 40.7 | 43.2 | 45.7 | 48.7 | 51.7 | 54.7 | 58.2 | 61.7 | 65.7 | 2.50 | 3.00 | 1.20 |
| 25.2 | 26.7 | 28.7 | 30.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.2 | 48.2 | 51.2 | 54.2 | 57.7 | 61.2 | 65.2 | 2.80 | 3.35 | 1.20 |
| 21.4 | 22.9 | 24.9 | 26.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.4 | 44.4 | 47.4 | 50.4 | 53.9 | 57.4 | 61.4 | 5.00 | 6.00 | 1.20 |
| 26.2 | 27.7 | 29.7 | 31.7 | 36.2 | 38.7 | 41.2 | 43.7 | 46.2 | 49.2 | 52.2 | 55.2 | 58.7 | 62.2 | 66.2 | 2.20 | 2.65 | 1.21 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.8 | 26.3 | 28.3 | 30.3 | 34.8 | 37.3 | 39.8 | 42.3 | 44.8 | 47.8 | 50.8 | 53.8 | 57.3 | 60.8 | 64.8 | 3.00 | 3.65 | 1.22 |
| 22.8 | 24.8 | 26.3 | 28.3 | 32.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.8 | 48.8 | 51.8 | 55.3 | 58.8 | 62.8 | 4.12 | 5.00 | 1.22 |
| 24.1 | 25.6 | 27.6 | 29.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.1 | 47.1 | 50.1 | 53.1 | 56.6 | 60.1 | 64.1 | 3.35 | 4.12 | 1.23 |
| 20.7 | 22.2 | 24.2 | 26.2 | 30.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.7 | 46.7 | 49.7 | 53.2 | 56.7 | 60.7 | 5.30 | 6.50 | 1.23 |
| 20.2 | 21.7 | 23.7 | 25.7 | 30.2 | 32.7 | 35.2 | 37.7 | 40.2 | 43.2 | 46.2 | 49.2 | 52.7 | 56.2 | 60.2 | 5.60 | 6.90 | 1.23 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 18.6 | 20.1 | 22.1 | 24.1 | 28.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 44.6 | 47.6 | 51.1 | 54.6 | 58.6 | 6.50 | 8.00 | 1.23 |
| 23.6 | 25.1 | 27.1 | 29.1 | 33.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.6 | 49.6 | 52.6 | 56.1 | 59.6 | 63.6 | 3.65 | 4.50 | 1.24 |
| 22.1 | 23.6 | 25.6 | 27.6 | 32.1 | 34.6 | 37.1 | 39.6 | 42.1 | 45.1 | 48.1 | 51.1 | 54.6 | 58.1 | 62.1 | 4.50 | 5.60 | 1.25 |
| 25.6 | 27.1 | 29.1 | 31.1 | 35.6 | 38.1 | 40.6 | 43.1 | 45.6 | 48.6 | 51.6 | 54.6 | 58.1 | 61.6 | 65.6 | 2.50 | 3.15 | 1.27 |
| 25.3 | 26.8 | 28.8 | 30.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.3 | 48.3 | 51.3 | 54.3 | 57.8 | 61.3 | 65.3 | 2.65 | 3.35 | 1.27 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 21.5 | 23.0 | 25.0 | 27.0 | 31.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.6 | 47.6 | 50.6 | 54.1 | 57.6 | 61.6 | 4.75 | 6.00 | 1.27 |
| 26.1 | 27.6 | 29.6 | 31.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.1 | 49.1 | 52.1 | 55.1 | 58.6 | 62.1 | 66.1 | 2.20 | 2.80 | 1.28 |
| 25.8 | 27.3 | 29.3 | 31.3 | 35.8 | 38.3 | 40.8 | 43.3 | 45.8 | 48.8 | 51.8 | 54.8 | 58.3 | 61.8 | 65.8 | 2.35 | 3.00 | 1.28 |
| 22.6 | 24.1 | 26.1 | 28.1 | 32.6 | 35.1 | 37.6 | 40.1 | 42.6 | 45.6 | 48.6 | 51.6 | 55.1 | 58.6 | 62.6 | 4.12 | 5.30 | 1.29 |
| 21.0 | 22.5 | 24.5 | 26.5 | 31.0 | 33.5 | 36.0 | 38.5 | 41.0 | 44.0 | 47.0 | 50.0 | 53.5 | 57.0 | 61.0 | 5.00 | 6.50 | 1.30 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 20.4 | 21.9 | 23.9 | 25.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.4 | 43.4 | 46.4 | 49.4 | 52.9 | 56.4 | 60.4 | 5.30 | 6.90 | 1.30 |
| 24.9 | 26.4 | 28.4 | 30.4 | 34.9 | 37.4 | 39.9 | 42.4 | 44.9 | 47.9 | 50.9 | 53.9 | 57.4 | 60.9 | 64.9 | 2.80 | 3.65 | 1.31 |
| 24.3 | 25.8 | 27.8 | 29.8 | 34.3 | 36.8 | 39.3 | 41.8 | 44.3 | 47.3 | 50.3 | 53.3 | 56.8 | 60.3 | 64.3 | 3.15 | 4.12 | 1.31 |
| 23.4 | 24.9 | 26.9 | 28.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.4 | 46.4 | 49.4 | 52.4 | 55.9 | 59.4 | 63.4 | 3.65 | 4.75 | 1.31 |
| — | — | 14.1 | 16.1 | 20.6 | 23.1 | 25.6 | 28.1 | 30.6 | 33.6 | 36.6 | 39.6 | 43.1 | 46.6 | 50.7 | 10.60 | 14.00 | 1.32 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 15.3 | 16.8 | 18.8 | 20.9 | 25.4 | 27.9 | 30.4 | 32.9 | 35.4 | 38.4 | 41.4 | 44.4 | 47.9 | 51.4 | 55.4 | 8.00 | 10.60 | 1.33 |
| 21.7 | 23.2 | 25.2 | 27.2 | 31.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.7 | 47.7 | 50.7 | 54.2 | 57.7 | 61.7 | 4.50 | 6.00 | 1.34 |
| 19.0 | 20.5 | 22.5 | 24.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 45.0 | 48.0 | 51.5 | 55.0 | 59.0 | 6.00 | 8.00 | 1.34 |
| 25.7 | 27.2 | 29.2 | 31.2 | 35.7 | 38.2 | 40.7 | 43.2 | 45.7 | 48.7 | 51.7 | 54.7 | 58.2 | 61.7 | 65.7 | 2.35 | 3.15 | 1.35 |
| 25.4 | 26.9 | 28.9 | 30.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.4 | 48.4 | 51.4 | 54.4 | 57.9 | 61.4 | 65.4 | 2.50 | 3.35 | 1.35 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 23.8 | 25.3 | 27.3 | 29.3 | 33.8 | 36.3 | 38.8 | 41.3 | 43.8 | 46.8 | 49.8 | 52.8 | 56.3 | 59.8 | 63.8 | 3.35 | 4.50 | 1.35 |
| 22.4 | 23.9 | 25.9 | 27.9 | 32.4 | 34.9 | 37.4 | 39.9 | 42.4 | 45.4 | 48.4 | 51.4 | 54.9 | 58.4 | 62.4 | 4.12 | 5.60 | 1.36 |
| 25.9 | 27.4 | 29.4 | 31.4 | 35.9 | 38.4 | 40.9 | 43.4 | 45.9 | 48.9 | 51.9 | 54.9 | 58.4 | 61.9 | 65.9 | 2.20 | 3.00 | 1.37 |
| 23.2 | 24.7 | 26.7 | 28.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.2 | 46.2 | 49.2 | 52.2 | 55.7 | 59.2 | 63.2 | 3.65 | 5.00 | 1.37 |
| 21.1 | 22.6 | 24.6 | 26.6 | 31.2 | 33.7 | 36.2 | 38.7 | 41.2 | 44.2 | 47.2 | 50.2 | 53.7 | 57.2 | 61.2 | 4.75 | 6.50 | 1.37 |
| **0.99** | **0.99** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 25.0 | 26.5 | 28.5 | 30.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.0 | 48.0 | 51.0 | 54.0 | 57.5 | 61.0 | 65.1 | 2.65 | 3.65 | 1.38 |
| 24.4 | 25.9 | 27.9 | 29.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.4 | 47.4 | 50.4 | 53.4 | 56.9 | 60.4 | 64.4 | 3.00 | 4.12 | 1.38 |
| 20.6 | 22.1 | 24.1 | 26.1 | 30.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.6 | 46.6 | 49.6 | 53.1 | 56.6 | 60.6 | 5.00 | 6.90 | 1.38 |
| 23.6 | 25.1 | 27.1 | 29.1 | 33.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.6 | 49.6 | 52.6 | 56.1 | 59.6 | 63.6 | 3.35 | 4.75 | 1.42 |
| 25.5 | 27.0 | 29.0 | 31.0 | 35.5 | 38.0 | 40.5 | 43.0 | 45.5 | 48.5 | 51.5 | 54.5 | 58.0 | 61.5 | 65.5 | 2.35 | 3.35 | 1.43 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 19.3 | 20.8 | 22.8 | 24.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.3 | 42.3 | 45.3 | 48.3 | 51.8 | 55.3 | 59.3 | 5.60 | 8.00 | 1.43 |
| 25.8 | 27.3 | 29.3 | 31.3 | 35.8 | 38.3 | 40.8 | 43.3 | 45.8 | 48.8 | 51.8 | 54.8 | 58.3 | 61.8 | 65.8 | 2.20 | 3.15 | 1.44 |
| 24.0 | 25.5 | 27.5 | 29.5 | 34.0 | 36.5 | 39.0 | 41.5 | 44.0 | 47.0 | 50.0 | 53.0 | 56.5 | 60.0 | 64.0 | 3.15 | 4.50 | 1.44 |
| 21.3 | 22.8 | 24.8 | 26.8 | 31.3 | 33.8 | 36.3 | 38.8 | 41.3 | 44.3 | 47.4 | 50.4 | 53.9 | 57.4 | 61.4 | 4.50 | 6.50 | 1.45 |
| 23.0 | 24.5 | 26.5 | 28.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.0 | 46.0 | 49.0 | 52.0 | 55.5 | 59.0 | 63.0 | 3.65 | 5.30 | 1.46 |
| **0.99** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 3V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 1.46 | 4.12 | 6.00 | 2394 | 8.73 | 1197 | 4.87 | 793 | 3.39 | 595 | 2.61 | — | 7.0 | 9.8 | 12.0 | 14.5 | 17.0 | 20.0 |
| 1.46 | 4.75 | 6.90 | 2401 | 10.50 | 1201 | 5.90 | 796 | 4.10 | 597 | 3.16 | — | — | 8.5 | 10.8 | 13.3 | 15.8 | 18.8 |
| 1.47 | 2.50 | 3.65 | 2382 | 3.80 | 1191 | 2.14 | 789 | 1.50 | 592 | 1.17 | 7.6 | 10.2 | 12.9 | 15.2 | 17.7 | 20.2 | 23.2 |
| 1.48 | 2.80 | 4.12 | 2365 | 4.75 | 1182 | 2.66 | 784 | 1.86 | 588 | 1.44 | 7.0 | 9.5 | 12.3 | 14.6 | 17.1 | 19.6 | 22.6 |
| 1.50 | 3.35 | 5.00 | 2333 | 6.46 | 1167 | 3.60 | 773 | 2.50 | 580 | 1.94 | 5.9 | 8.4 | 11.2 | 13.4 | 15.9 | 18.4 | 21.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.85** | **0.88** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.51 | 3.00 | 4.50 | 2320 | 5.39 | 1160 | 3.01 | 769 | 2.10 | 577 | 1.63 | 6.6 | 9.1 | 11.8 | 14.1 | 16.6 | 19.1 | 22.1 |
| 1.51 | 5.30 | 8.00 | 2311 | 11.99 | 1156 | 6.79 | 766 | 4.72 | 575 | 3.64 | — | — | — | 9.5 | 12.0 | 14.5 | 17.5 |
| 1.52 | 3.15 | 4.75 | 2309 | 5.86 | 1154 | 3.26 | 765 | 2.27 | 574 | 1.76 | 6.2 | 8.8 | 11.5 | 13.8 | 16.3 | 18.8 | 21.8 |
| 1.53 | 2.20 | 3.35 | 2280 | 2.84 | 1140 | 1.63 | 756 | 1.15 | 567 | 0.90 | 8.1 | 10.6 | 13.4 | 15.6 | 18.1 | 20.6 | 23.6 |
| 1.54 | 3.65 | 5.60 | 2270 | 7.38 | 1135 | 4.11 | 752 | 2.85 | 564 | 2.21 | — | 7.7 | 10.4 | 12.7 | 15.2 | 17.7 | 20.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.85** | **0.88** | **0.90** | **0.93** | **0.95** | **0.97** |
| 1.54 | 4.50 | 6.90 | 2274 | 9.83 | 1137 | 5.51 | 754 | 3.82 | 565 | 2.95 | — | — | 8.7 | 11.0 | 13.5 | 16.0 | 19.0 |
| 1.54 | 6.90 | 10.60 | 2273 | 15.81 | 1136 | 9.27 | 753 | 6.47 | 565 | 5.00 | — | — | — | — | — | 11.1 | 14.1 |
| 1.57 | 2.35 | 3.65 | 2236 | 3.34 | 1118 | 1.89 | 741 | 1.33 | 556 | 1.04 | 7.8 | 10.3 | 13.0 | 15.3 | 17.8 | 20.3 | 23.3 |
| 1.57 | 2.65 | 4.12 | 2236 | 4.30 | 1118 | 2.41 | 741 | 1.69 | 556 | 1.31 | 7.1 | 9.7 | 12.4 | 14.7 | 17.2 | 19.7 | 22.7 |
| 1.58 | 4.12 | 6.50 | 2209 | 8.76 | 1104 | 4.89 | 732 | 3.40 | 549 | 2.62 | — | — | 9.3 | 11.6 | 14.1 | 16.6 | 19.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.85** | **0.88** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.59 | 3.00 | 4.75 | 2197 | 5.41 | 1098 | 3.01 | 728 | 2.10 | 546 | 1.63 | 6.4 | 8.9 | 11.6 | 13.9 | 16.4 | 18.9 | 21.9 |
| 1.59 | 3.35 | 5.30 | 2200 | 6.48 | 1100 | 3.61 | 729 | 2.51 | 547 | 1.94 | — | 8.1 | 10.9 | 13.2 | 15.7 | 18.2 | 21.2 |
| 1.60 | 3.15 | 5.00 | 2192 | 5.87 | 1096 | 3.27 | 726 | 2.28 | 545 | 1.77 | 6.0 | 8.5 | 11.3 | 13.6 | 16.1 | 18.6 | 21.6 |
| 1.61 | 5.00 | 8.00 | 2179 | 11.22 | 1090 | 6.32 | 722 | 4.39 | 542 | 3.39 | — | — | — | 9.7 | 12.2 | 14.7 | 17.7 |
| 1.62 | 2.80 | 4.50 | 2163 | 4.79 | 1081 | 2.68 | 717 | 1.87 | 538 | 1.45 | 6.7 | 9.2 | 12.0 | 14.2 | 16.7 | 19.2 | 22.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.80** | **0.84** | **0.88** | **0.90** | **0.93** | **0.95** | **0.97** |
| 1.64 | 6.50 | 10.60 | 2140 | 14.95 | 1070 | 8.67 | 709 | 6.04 | 532 | 4.67 | — | — | — | — | — | 11.4 | 14.4 |
| 1.65 | 3.65 | 6.00 | 2118 | 7.40 | 1059 | 4.12 | 702 | 2.86 | 526 | 2.21 | — | 7.3 | 10.1 | 12.4 | 14.9 | 17.4 | 20.4 |
| 1.66 | 2.50 | 4.12 | 2107 | 3.84 | 1053 | 2.16 | 698 | 1.52 | 524 | 1.18 | 7.3 | 9.8 | 12.5 | 14.8 | 17.3 | 19.8 | 22.8 |
| 1.67 | 2.20 | 3.65 | 2090 | 2.87 | 1045 | 1.64 | 693 | 1.16 | 520 | 0.91 | 7.9 | 10.4 | 13.1 | 15.4 | 17.9 | 20.4 | 23.4 |
| 1.68 | 3.00 | 5.00 | 2086 | 5.42 | 1043 | 3.02 | 691 | 2.11 | 518 | 1.63 | 6.1 | 8.7 | 11.4 | 13.7 | 16.2 | 18.7 | 21.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.85** | **0.88** | **0.90** | **0.93** | **0.95** | **0.97** |
| 1.68 | 3.35 | 5.60 | 2081 | 6.50 | 1041 | 3.62 | 690 | 2.52 | 517 | 1.95 | — | 7.9 | 10.7 | 12.9 | 15.4 | 17.9 | 20.9 |
| 1.68 | 4.12 | 6.90 | 2080 | 8.78 | 1040 | 4.90 | 689 | 3.40 | 517 | 2.63 | — | — | 9.0 | 11.3 | 13.8 | 16.3 | 19.3 |
| 1.69 | 3.15 | 5.30 | 2067 | 5.89 | 1033 | 3.28 | 685 | 2.28 | 514 | 1.77 | 5.8 | 8.3 | 11.1 | 13.3 | 15.8 | 18.3 | 21.3 |
| 1.69 | 4.75 | 8.00 | 2069 | 10.55 | 1035 | 5.93 | 686 | 4.11 | 514 | 3.18 | — | — | — | 9.9 | 12.4 | 14.9 | 17.9 |
| 1.71 | 2.65 | 4.50 | 2045 | 4.33 | 1022 | 2.42 | 678 | 1.70 | 508 | 1.32 | 6.8 | 9.3 | 12.1 | 14.4 | 16.9 | 19.4 | 22.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** |
| 1.71 | 2.80 | 4.75 | 2048 | 4.80 | 1024 | 2.68 | 679 | 1.88 | 509 | 1.46 | 6.5 | 9.0 | 11.8 | 14.0 | 16.5 | 19.0 | 22.0 |
| 1.75 | 8.00 | 14.00 | + | + | 997 | 10.92 | 661 | 7.65 | 496 | 5.92 | — | — | — | — | — | — | — |
| 1.77 | 2.35 | 4.12 | 1978 | 3.37 | 989 | 1.91 | 656 | 1.34 | 492 | 1.05 | 7.4 | 9.9 | 12.6 | 14.9 | 17.4 | 19.9 | 22.9 |
| 1.77 | 6.00 | 10.60 | 1974 | 13.79 | 987 | 7.91 | 654 | 5.51 | 491 | 4.25 | — | — | — | — | — | 11.7 | 14.8 |
| 1.78 | 3.00 | 5.30 | 1967 | 5.44 | 983 | 3.03 | 652 | 2.11 | 489 | 1.64 | 5.9 | 8.4 | 11.2 | 13.4 | 15.9 | 18.4 | 21.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.80** | **0.84** | **0.88** | **0.90** | **0.92** | **0.95** | **0.97** |
| 1.79 | 3.15 | 5.60 | 1955 | 5.90 | 977 | 3.28 | 648 | 2.29 | 486 | 1.77 | — | 8.0 | 10.8 | 13.1 | 15.6 | 18.1 | 21.1 |
| 1.79 | 3.65 | 6.50 | 1953 | 7.42 | 977 | 4.13 | 647 | 2.87 | 486 | 2.22 | — | 6.9 | 9.7 | 11.9 | 14.5 | 17.0 | 20.0 |
| 1.79 | 4.50 | 8.00 | 1959 | 9.87 | 980 | 5.53 | 649 | 3.84 | 487 | 2.96 | — | — | 7.7 | 10.0 | 12.6 | 15.1 | 18.1 |
| 1.80 | 2.80 | 5.00 | 1944 | 4.81 | 972 | 2.69 | 644 | 1.88 | 483 | 1.46 | 6.3 | 8.8 | 11.6 | 13.8 | 16.3 | 18.8 | 21.8 |
| 1.80 | 3.35 | 6.00 | 1941 | 6.52 | 971 | 3.62 | 643 | 2.52 | 483 | 1.95 | — | 7.5 | 10.3 | 12.6 | 15.1 | 17.6 | 20.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.84** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** |
| 1.80 | 10.60 | 19.00 | + | + | 974 | 14.50 | 646 | 10.32 | 484 | 8.01 | — | — | — | — | — | — | — |
| 1.81 | 2.65 | 4.75 | 1936 | 4.34 | 968 | 2.43 | 642 | 1.70 | 481 | 1.32 | 6.6 | 9.1 | 11.9 | 14.1 | 16.7 | 19.2 | 22.2 |
| 1.82 | 2.50 | 4.50 | 1927 | 3.86 | 963 | 2.17 | 639 | 1.53 | 479 | 1.19 | 6.9 | 9.4 | 12.2 | 14.5 | 17.0 | 19.5 | 22.5 |
| 1.88 | 3.00 | 5.60 | 1860 | 5.45 | 930 | 3.03 | 617 | 2.12 | 462 | 1.64 | — | 8.1 | 10.9 | 13.2 | 15.7 | 18.2 | 21.2 |
| 1.89 | 2.20 | 4.12 | 1849 | 2.90 | 924 | 1.65 | 613 | 1.17 | 460 | 0.92 | 7.5 | 10.0 | 12.8 | 15.0 | 17.5 | 20.0 | 23.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.84** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** |
| 1.90 | 2.65 | 5.00 | 1838 | 4.35 | 919 | 2.44 | 609 | 1.71 | 457 | 1.33 | 6.4 | 8.9 | 11.7 | 13.9 | 16.4 | 19.0 | 22.0 |
| 1.90 | 3.65 | 6.90 | 1839 | 7.43 | 920 | 4.13 | 610 | 2.87 | 457 | 2.22 | — | — | 9.3 | 11.6 | 14.1 | 16.6 | 19.6 |
| 1.90 | 5.60 | 10.60 | 1841 | 12.82 | 921 | 7.29 | 610 | 5.07 | 458 | 3.91 | — | — | — | — | 9.4 | 12.0 | 15.1 |
| 1.91 | 2.80 | 5.30 | 1833 | 4.82 | 917 | 2.69 | 608 | 1.88 | 456 | 1.46 | 6.0 | 8.5 | 11.3 | 13.6 | 16.1 | 18.6 | 21.6 |
| 1.92 | 2.50 | 4.75 | 1824 | 3.87 | 912 | 2.18 | 605 | 1.53 | 454 | 1.19 | 6.7 | 9.2 | 12.0 | 14.3 | 16.8 | 19.3 | 22.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.96** |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| 22.0 | 23.5 | 25.5 | 27.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.0 | 45.0 | 48.0 | 51.0 | 54.5 | 58.0 | 62.0 | 4.12 | 6.00 | 1.46 |
| 20.8 | 22.3 | 24.3 | 26.3 | 30.8 | 33.3 | 35.8 | 38.3 | 40.8 | 43.8 | 46.8 | 49.8 | 53.3 | 56.8 | 60.8 | 4.75 | 6.90 | 1.46 |
| 25.2 | 26.7 | 28.7 | 30.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.2 | 48.2 | 51.2 | 54.2 | 57.7 | 61.2 | 65.2 | 2.50 | 3.65 | 1.47 |
| 24.6 | 26.1 | 28.1 | 30.1 | 34.6 | 37.1 | 39.6 | 42.1 | 44.6 | 47.6 | 50.6 | 53.6 | 57.1 | 60.6 | 64.6 | 2.80 | 4.12 | 1.48 |
| 23.4 | 24.9 | 26.9 | 28.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.4 | 46.4 | 49.4 | 52.4 | 55.9 | 59.4 | 63.4 | 3.35 | 5.00 | 1.50 |
| **0.99** | **0.99** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.1 | 25.6 | 27.6 | 29.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.1 | 47.1 | 50.1 | 53.1 | 56.6 | 60.1 | 64.1 | 3.00 | 4.50 | 1.51 |
| 19.5 | 21.0 | 23.0 | 25.0 | 29.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 45.5 | 48.5 | 52.0 | 55.5 | 59.5 | 5.30 | 8.00 | 1.51 |
| 23.8 | 25.3 | 27.3 | 29.3 | 33.8 | 36.3 | 38.8 | 41.3 | 43.8 | 46.8 | 49.8 | 52.8 | 56.3 | 59.8 | 63.8 | 3.15 | 4.75 | 1.52 |
| 25.6 | 27.1 | 29.1 | 31.1 | 35.6 | 38.1 | 40.6 | 43.1 | 45.6 | 48.6 | 51.6 | 54.6 | 58.1 | 61.6 | 65.6 | 2.20 | 3.35 | 1.53 |
| 22.7 | 24.2 | 26.2 | 28.2 | 32.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.7 | 48.7 | 51.7 | 55.2 | 58.7 | 62.7 | 3.65 | 5.60 | 1.54 |
| **0.98** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 21.0 | 22.5 | 24.5 | 26.5 | 31.0 | 33.5 | 36.0 | 38.5 | 41.0 | 44.0 | 47.0 | 50.0 | 53.5 | 57.0 | 61.0 | 4.50 | 6.90 | 1.54 |
| 16.1 | 17.7 | 19.7 | 21.7 | 26.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 42.2 | 45.2 | 48.7 | 52.2 | 56.2 | 6.90 | 10.60 | 1.54 |
| 25.3 | 26.8 | 28.8 | 30.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.3 | 48.3 | 51.3 | 54.3 | 57.8 | 61.3 | 65.3 | 2.35 | 3.65 | 1.57 |
| 24.7 | 26.2 | 28.2 | 30.2 | 34.7 | 37.2 | 39.7 | 42.2 | 44.7 | 47.7 | 50.7 | 53.7 | 57.2 | 60.7 | 64.7 | 2.65 | 4.12 | 1.57 |
| 21.6 | 23.1 | 25.1 | 27.1 | 31.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.6 | 47.6 | 50.6 | 54.1 | 57.6 | 61.6 | 4.12 | 6.50 | 1.58 |
| **0.98** | **0.99** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 23.9 | 25.4 | 27.4 | 29.4 | 33.9 | 36.4 | 38.9 | 41.4 | 43.9 | 46.9 | 49.9 | 52.9 | 56.4 | 59.9 | 63.9 | 3.00 | 4.75 | 1.59 |
| 23.2 | 24.7 | 26.7 | 28.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.2 | 46.2 | 49.2 | 52.2 | 55.7 | 59.2 | 63.2 | 3.35 | 5.30 | 1.59 |
| 23.6 | 25.1 | 27.1 | 29.1 | 33.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.6 | 49.6 | 52.6 | 56.1 | 59.6 | 63.6 | 3.15 | 5.00 | 1.60 |
| 19.7 | 21.2 | 23.2 | 25.2 | 29.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 45.8 | 48.8 | 52.3 | 55.8 | 59.8 | 5.00 | 8.00 | 1.61 |
| 24.3 | 25.8 | 27.8 | 29.8 | 34.3 | 36.8 | 39.3 | 41.8 | 44.3 | 47.3 | 50.3 | 53.3 | 56.8 | 60.3 | 64.3 | 2.80 | 4.50 | 1.62 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 16.4 | 18.0 | 20.0 | 22.0 | 26.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 42.5 | 45.5 | 49.0 | 52.5 | 56.5 | 6.50 | 10.60 | 1.64 |
| 22.4 | 23.9 | 25.9 | 27.9 | 32.4 | 34.9 | 37.4 | 39.9 | 42.4 | 45.4 | 48.4 | 51.4 | 54.9 | 58.4 | 62.4 | 3.65 | 6.00 | 1.65 |
| 24.8 | 26.3 | 28.3 | 30.3 | 34.8 | 37.3 | 39.8 | 42.3 | 44.8 | 47.8 | 50.8 | 53.8 | 57.3 | 60.8 | 64.8 | 2.50 | 4.12 | 1.65 |
| 25.4 | 26.9 | 28.9 | 30.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.4 | 48.4 | 51.4 | 54.4 | 57.9 | 61.4 | 65.4 | 2.20 | 3.65 | 1.67 |
| 23.7 | 25.2 | 27.2 | 29.2 | 33.7 | 36.2 | 38.7 | 41.2 | 43.7 | 46.7 | 49.7 | 52.7 | 56.2 | 59.7 | 63.7 | 3.00 | 5.00 | 1.68 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 22.9 | 24.4 | 26.4 | 28.4 | 33.0 | 35.5 | 38.0 | 40.5 | 43.0 | 46.0 | 49.0 | 52.0 | 55.5 | 59.0 | 63.0 | 3.35 | 5.60 | 1.68 |
| 21.3 | 22.8 | 24.8 | 26.8 | 31.3 | 33.8 | 36.3 | 38.8 | 41.3 | 44.3 | 47.3 | 50.3 | 53.8 | 57.3 | 61.3 | 4.12 | 6.90 | 1.68 |
| 23.3 | 24.8 | 26.8 | 28.8 | 33.3 | 35.8 | 38.3 | 40.8 | 43.4 | 46.4 | 49.4 | 52.4 | 55.9 | 59.4 | 63.4 | 3.15 | 5.30 | 1.69 |
| 19.9 | 21.4 | 23.4 | 25.4 | 29.9 | 32.4 | 34.9 | 37.5 | 40.0 | 43.0 | 46.0 | 49.0 | 52.5 | 56.0 | 60.0 | 4.75 | 8.00 | 1.69 |
| 24.4 | 25.9 | 27.9 | 29.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.4 | 47.4 | 50.4 | 53.4 | 56.9 | 60.4 | 64.4 | 2.65 | 4.50 | 1.71 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.1 | 25.6 | 27.6 | 29.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.1 | 47.1 | 50.1 | 53.1 | 56.6 | 60.1 | 64.1 | 2.80 | 4.75 | 1.71 |
| — | 13.9 | 15.9 | 18.0 | 22.5 | 25.0 | 27.6 | 30.1 | 32.6 | 35.6 | 38.6 | 41.6 | 45.1 | 48.6 | 52.6 | 8.00 | 14.00 | 1.75 |
| 24.9 | 26.4 | 28.4 | 30.4 | 34.9 | 37.4 | 39.9 | 42.4 | 44.9 | 47.9 | 50.9 | 53.9 | 57.4 | 60.9 | 64.9 | 2.35 | 4.12 | 1.77 |
| 16.8 | 18.3 | 20.3 | 22.3 | 26.9 | 29.4 | 31.9 | 34.4 | 36.9 | 39.9 | 42.9 | 45.9 | 49.4 | 52.9 | 56.9 | 6.00 | 10.60 | 1.77 |
| 23.5 | 25.0 | 27.0 | 29.0 | 33.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.5 | 49.5 | 52.5 | 56.0 | 59.5 | 63.5 | 3.00 | 5.30 | 1.78 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 23.1 | 24.6 | 26.6 | 28.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.1 | 46.1 | 49.1 | 52.1 | 55.6 | 59.1 | 63.1 | 3.15 | 5.60 | 1.79 |
| 22.0 | 23.5 | 25.5 | 27.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.0 | 45.0 | 48.0 | 51.0 | 54.5 | 58.0 | 62.0 | 3.65 | 6.50 | 1.79 |
| 20.1 | 21.6 | 23.6 | 25.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.1 | 43.1 | 46.1 | 49.2 | 52.7 | 56.2 | 60.2 | 4.50 | 8.00 | 1.79 |
| 23.8 | 25.4 | 27.4 | 29.4 | 33.9 | 36.4 | 38.9 | 41.4 | 43.9 | 46.9 | 49.9 | 52.9 | 56.4 | 59.9 | 63.9 | 2.80 | 5.00 | 1.80 |
| 22.6 | 24.1 | 26.1 | 28.1 | 32.6 | 35.1 | 37.6 | 40.1 | 42.6 | 45.6 | 48.6 | 51.6 | 55.1 | 58.6 | 62.6 | 3.35 | 6.00 | 1.80 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| — | — | — | — | — | 18.8 | 21.3 | 23.9 | 26.4 | 29.5 | 32.5 | 35.5 | 39.0 | 42.5 | 46.6 | 10.60 | 19.00 | 1.80 |
| 24.2 | 25.7 | 27.7 | 29.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.2 | 47.2 | 50.2 | 53.2 | 56.7 | 60.2 | 64.2 | 2.65 | 4.75 | 1.81 |
| 24.5 | 26.0 | 28.0 | 30.0 | 34.5 | 37.0 | 39.5 | 42.0 | 44.5 | 47.5 | 50.5 | 53.5 | 57.0 | 60.5 | 64.5 | 2.50 | 4.50 | 1.82 |
| 23.2 | 24.7 | 26.7 | 28.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.2 | 46.2 | 49.2 | 52.2 | 55.7 | 59.2 | 63.2 | 3.00 | 5.60 | 1.88 |
| 25.0 | 26.5 | 28.5 | 30.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.0 | 48.0 | 51.0 | 54.0 | 57.5 | 61.0 | 65.0 | 2.20 | 4.12 | 1.89 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.0 | 25.5 | 27.5 | 29.5 | 34.0 | 36.5 | 39.0 | 41.5 | 44.0 | 47.0 | 50.0 | 53.0 | 56.5 | 60.0 | 64.0 | 2.65 | 5.00 | 1.90 |
| 21.7 | 23.2 | 25.2 | 27.2 | 31.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.7 | 47.7 | 50.7 | 54.2 | 57.7 | 61.7 | 3.65 | 6.90 | 1.90 |
| 17.1 | 18.6 | 20.6 | 22.6 | 27.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 43.2 | 46.2 | 49.7 | 53.2 | 57.2 | 5.60 | 10.60 | 1.90 |
| 23.6 | 25.1 | 27.1 | 29.1 | 33.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.6 | 49.6 | 52.6 | 56.1 | 59.6 | 63.6 | 2.80 | 5.30 | 1.91 |
| 24.3 | 25.8 | 27.8 | 29.8 | 34.3 | 36.8 | 39.3 | 41.8 | 44.3 | 47.3 | 50.3 | 53.3 | 56.8 | 60.3 | 64.3 | 2.50 | 4.75 | 1.92 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 3V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 1.92 | 3.15 | 6.00 | 1824 | 5.91 | 912 | 3.29 | 604 | 2.29 | 453 | 1.78 | — | 7.7 | 10.5 | 12.7 | 15.2 | 17.8 | 20.8 |
| 1.93 | 2.35 | 4.50 | 1809 | 3.39 | 904 | 1.92 | 600 | 1.35 | 450 | 1.05 | 7.0 | 9.6 | 12.3 | 14.6 | 17.1 | 19.6 | 22.6 |
| 1.95 | 3.35 | 6.50 | 1791 | 6.53 | 895 | 3.63 | 593 | 2.53 | 445 | 1.95 | — | 7.1 | 9.9 | 12.2 | 14.7 | 17.2 | 20.2 |
| 1.95 | 4.12 | 8.00 | 1792 | 8.81 | 896 | 4.91 | 594 | 3.41 | 445 | 2.63 | — | — | 8.0 | 10.3 | 12.8 | 15.4 | 18.4 |
| 2.01 | 5.30 | 10.60 | 1742 | 12.05 | 871 | 6.82 | 577 | 4.74 | 433 | 3.66 | — | — | — | — | 9.6 | 12.2 | 15.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.80** | **0.84** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** |
| 2.02 | 2.50 | 5.00 | 1732 | 3.88 | 866 | 2.18 | 574 | 1.53 | 431 | 1.19 | 6.5 | 9.0 | 11.8 | 14.1 | 16.6 | 19.1 | 22.1 |
| 2.02 | 2.65 | 5.30 | 1733 | 4.36 | 867 | 2.44 | 574 | 1.71 | 431 | 1.33 | 6.1 | 8.7 | 11.4 | 13.7 | 16.2 | 18.7 | 21.7 |
| 2.02 | 2.80 | 5.60 | 1734 | 4.83 | 867 | 2.70 | 575 | 1.89 | 431 | 1.46 | 5.7 | 8.3 | 11.1 | 13.3 | 15.8 | 18.3 | 21.3 |
| 2.02 | 3.00 | 6.00 | 1735 | 5.46 | 868 | 3.04 | 575 | 2.12 | 431 | 1.64 | — | 7.8 | 10.6 | 12.8 | 15.4 | 17.9 | 20.9 |
| 2.04 | 2.35 | 4.75 | 1713 | 3.39 | 856 | 1.92 | 568 | 1.35 | 426 | 1.06 | 6.8 | 9.3 | 12.1 | 14.4 | 16.9 | 19.4 | 22.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.96** |
| 2.04 | 6.90 | 14.00 | 1719 | 15.88 | 859 | 9.30 | 570 | 6.49 | 427 | 5.01 | — | — | — | — | — | — | — |
| 2.07 | 2.20 | 4.50 | 1691 | 2.91 | 846 | 1.66 | 560 | 1.17 | 420 | 0.92 | 7.1 | 9.7 | 12.4 | 14.7 | 17.2 | 19.7 | 20.7 |
| 2.08 | 3.15 | 6.50 | 1682 | 5.93 | 841 | 3.30 | 558 | 2.30 | 418 | 1.78 | — | 7.2 | 10.0 | 12.3 | 14.8 | 17.3 | 20.4 |
| 2.08 | 3.35 | 6.90 | 1686 | 6.54 | 843 | 3.63 | 559 | 2.53 | 419 | 1.96 | — | 6.7 | 9.5 | 11.8 | 14.3 | 16.9 | 19.9 |
| 2.13 | 2.65 | 5.60 | 1640 | 4.36 | 820 | 2.44 | 543 | 1.71 | 408 | 1.33 | 5.8 | 8.4 | 11.2 | 13.4 | 16.0 | 18.5 | 21.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.84** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** |
| 2.13 | 5.00 | 10.60 | 1642 | 11.27 | 821 | 6.35 | 544 | 4.41 | 408 | 3.40 | — | — | — | — | 9.8 | 12.4 | 15.5 |
| 2.14 | 2.50 | 5.30 | 1633 | 3.88 | 817 | 2.18 | 541 | 1.53 | 406 | 1.19 | 6.2 | 8.8 | 11.5 | 13.8 | 16.3 | 18.8 | 21.8 |
| 2.15 | 2.35 | 5.00 | 1626 | 3.40 | 813 | 1.92 | 539 | 1.35 | 404 | 1.06 | 6.6 | 9.1 | 11.9 | 14.2 | 16.7 | 19.2 | 22.2 |
| 2.16 | 2.80 | 6.00 | 1618 | 4.84 | 809 | 2.70 | 536 | 1.89 | 402 | 1.47 | — | 7.9 | 10.7 | 13.0 | 15.5 | 18.0 | 21.0 |
| 2.16 | 6.50 | 14.00 | 1618 | 14.99 | 809 | 8.70 | 536 | 6.06 | 402 | 4.68 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.78** | **0.83** | **0.87** | **0.89** | **0.92** | **0.94** | **0.96** |
| 2.19 | 2.20 | 4.75 | 1601 | 2.91 | 801 | 1.66 | 531 | 1.18 | 398 | 0.92 | 6.9 | 9.5 | 12.2 | 14.5 | 17.0 | 19.5 | 22.5 |
| 2.19 | 3.00 | 6.50 | 1601 | 5.47 | 800 | 3.04 | 531 | 2.12 | 398 | 1.65 | — | 7.3 | 10.1 | 12.4 | 14.9 | 17.5 | 20.5 |
| 2.21 | 3.15 | 6.90 | 1584 | 5.93 | 792 | 3.30 | 525 | 2.30 | 394 | 1.78 | — | 6.9 | 9.7 | 12.0 | 14.5 | 17.0 | 20.0 |
| 2.21 | 3.65 | 8.00 | 1585 | 7.45 | 792 | 4.14 | 525 | 2.88 | 394 | 2.22 | — | — | 8.3 | 10.6 | 13.2 | 15.7 | 18.7 |
| 2.24 | 4.75 | 10.60 | 1559 | 10.60 | 780 | 5.95 | 517 | 4.13 | 388 | 3.19 | — | — | — | — | 10.0 | 12.6 | 15.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.79** | **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.96** |
| 2.27 | 2.50 | 5.60 | 1545 | 3.89 | 773 | 2.19 | 512 | 1.53 | 384 | 1.19 | 5.9 | 8.5 | 11.3 | 13.5 | 16.1 | 18.6 | 21.6 |
| 2.28 | 2.35 | 5.30 | 1533 | 3.40 | 767 | 1.93 | 508 | 1.36 | 381 | 1.06 | 6.3 | 8.9 | 11.6 | 13.9 | 16.4 | 18.9 | 21.9 |
| 2.29 | 2.65 | 6.00 | 1529 | 4.37 | 765 | 2.45 | 507 | 1.71 | 380 | 1.33 | — | 8.0 | 10.8 | 13.1 | 15.6 | 18.1 | 21.1 |
| 2.30 | 2.20 | 5.00 | 1520 | 2.92 | 760 | 1.66 | 504 | 1.18 | 378 | 0.92 | 6.7 | 9.2 | 12.0 | 14.3 | 16.8 | 19.3 | 22.3 |
| 2.32 | 3.00 | 6.90 | 1507 | 5.47 | 754 | 3.05 | 500 | 2.12 | 375 | 1.65 | — | 7.0 | 9.8 | 12.1 | 14.6 | 17.1 | 20.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.77** | **0.82** | **0.86** | **0.89** | **0.91** | **0.94** | **0.96** |
| 2.34 | 6.00 | 14.00 | 1493 | 13.83 | 746 | 7.93 | 495 | 5.52 | 371 | 4.26 | — | — | — | — | — | — | 11.6 |
| 2.35 | 2.80 | 6.50 | 1492 | 4.84 | 746 | 2.70 | 495 | 1.89 | 371 | 1.47 | — | 7.5 | 10.3 | 12.6 | 15.1 | 17.6 | 20.6 |
| 2.36 | 10.60 | 25.00 | + | + | 740 | 14.51 | 491 | 10.33 | 368 | 8.02 | — | — | — | — | — | — | — |
| 2.37 | 4.50 | 10.60 | 1476 | 9.91 | 738 | 5.54 | 489 | 3.85 | 367 | 2.97 | — | — | — | — | 10.2 | 12.8 | 15.8 |
| 2.38 | 8.00 | 19.00 | + | + | 734 | 10.94 | 487 | 7.66 | 365 | 5.93 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.80** | **0.85** | **0.88** | **0.91** | **0.93** | **0.96** |
| 2.41 | 2.35 | 5.60 | 1450 | 3.41 | 725 | 1.93 | 481 | 1.36 | 361 | 1.06 | 6.0 | 8.6 | 11.4 | 13.7 | 16.2 | 18.7 | 21.7 |
| 2.41 | 3.35 | 8.00 | 1453 | 6.55 | 726 | 3.64 | 482 | 2.53 | 361 | 1.96 | — | — | 8.5 | 10.8 | 13.4 | 15.9 | 18.9 |
| 2.43 | 2.50 | 6.00 | 1441 | 3.89 | 721 | 2.19 | 478 | 1.54 | 358 | 1.20 | — | 8.1 | 10.9 | 13.2 | 15.7 | 18.2 | 21.3 |
| 2.44 | 2.20 | 5.30 | 1433 | 2.92 | 717 | 1.67 | 475 | 1.18 | 356 | 0.92 | 6.4 | 9.0 | 11.8 | 14.0 | 16.5 | 19.0 | 22.0 |
| 2.48 | 2.65 | 6.50 | 1411 | 4.37 | 705 | 2.45 | 468 | 1.71 | 351 | 1.33 | — | 7.6 | 10.4 | 12.7 | 15.2 | 17.7 | 20.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.76** | **0.82** | **0.86** | **0.89** | **0.91** | **0.94** | **0.96** |
| 2.49 | 2.80 | 6.90 | 1405 | 4.85 | 703 | 2.71 | 466 | 1.89 | 349 | 1.47 | — | 7.1 | 9.9 | 12.2 | 14.7 | 17.3 | 20.3 |
| 2.51 | 5.60 | 14.00 | 1392 | 12.84 | 696 | 7.31 | 462 | 5.08 | 346 | 3.92 | — | — | — | — | — | — | 11.9 |
| 2.56 | 3.15 | 8.00 | 1365 | 5.94 | 682 | 3.30 | 452 | 2.30 | 339 | 1.78 | — | — | 8.7 | 11.0 | 13.5 | 16.1 | 19.1 |
| 2.58 | 2.20 | 5.60 | 1356 | 2.92 | 678 | 1.67 | 449 | 1.18 | 337 | 0.92 | 6.1 | 8.7 | 11.5 | 13.8 | 16.3 | 18.8 | 21.8 |
| 2.59 | 2.35 | 6.00 | 1353 | 3.41 | 676 | 1.93 | 448 | 1.36 | 336 | 1.06 | 5.6 | 8.2 | 11.0 | 13.3 | 15.8 | 18.4 | 21.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.76** | **0.82** | **0.86** | **0.89** | **0.91** | **0.93** | **0.96** |
| 2.59 | 4.12 | 10.60 | 1350 | 8.84 | 675 | 4.92 | 448 | 3.42 | 336 | 2.64 | — | — | — | — | 10.4 | 13.0 | 16.1 |
| 2.63 | 2.50 | 6.50 | 1329 | 3.90 | 665 | 2.19 | 441 | 1.54 | 330 | 1.20 | — | 7.7 | 10.5 | 12.8 | 15.3 | 17.8 | 20.8 |
| 2.63 | 2.65 | 6.90 | 1328 | 4.38 | 664 | 2.45 | 440 | 1.72 | 330 | 1.33 | — | 7.2 | 10.0 | 12.3 | 14.8 | 17.4 | 20.4 |
| 2.66 | 5.30 | 14.00 | 1317 | 12.08 | 659 | 6.83 | 437 | 4.75 | 327 | 3.66 | — | — | — | — | — | — | 12.1 |
| 2.69 | 3.00 | 8.00 | 1299 | 5.48 | 649 | 3.05 | 430 | 2.13 | 323 | 1.65 | — | — | 8.8 | 11.1 | 13.6 | 16.2 | 19.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.80** | **0.85** | **0.88** | **0.91** | **0.93** | **0.95** |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| 22.8 | 24.3 | 26.3 | 28.3 | 32.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.8 | 48.8 | 51.8 | 55.3 | 58.8 | 62.8 | 3.15 | 6.00 | 1.92 |
| 24.6 | 26.1 | 28.1 | 30.1 | 34.6 | 37.1 | 39.6 | 42.1 | 44.6 | 47.6 | 50.6 | 53.6 | 57.1 | 60.6 | 64.6 | 2.35 | 4.50 | 1.93 |
| 22.2 | 23.7 | 25.7 | 27.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.2 | 45.2 | 48.2 | 51.2 | 54.7 | 58.2 | 62.2 | 3.35 | 6.50 | 1.95 |
| 20.4 | 21.9 | 23.9 | 25.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.4 | 43.4 | 46.4 | 49.4 | 52.9 | 56.4 | 60.4 | 4.12 | 8.00 | 1.95 |
| 17.3 | 18.8 | 20.8 | 22.9 | 27.4 | 29.9 | 32.4 | 34.9 | 37.4 | 40.4 | 43.4 | 46.4 | 49.9 | 53.4 | 57.5 | 5.30 | 10.60 | 2.01 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.1 | 25.6 | 27.6 | 29.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.1 | 47.1 | 50.1 | 53.1 | 56.6 | 60.1 | 64.1 | 2.50 | 5.00 | 2.02 |
| 23.7 | 25.2 | 27.2 | 29.2 | 33.7 | 36.2 | 38.7 | 41.2 | 43.7 | 46.7 | 49.7 | 52.7 | 56.2 | 59.7 | 63.7 | 2.65 | 5.30 | 2.02 |
| 23.4 | 24.9 | 26.9 | 28.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.4 | 46.4 | 49.4 | 52.4 | 55.9 | 59.4 | 63.4 | 2.80 | 5.60 | 2.02 |
| 22.9 | 24.4 | 26.4 | 28.4 | 32.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.9 | 48.9 | 51.9 | 55.4 | 58.9 | 62.9 | 3.00 | 6.00 | 2.02 |
| 24.4 | 25.9 | 27.9 | 29.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.4 | 47.4 | 50.4 | 53.4 | 56.9 | 60.4 | 64.4 | 2.35 | 4.75 | 2.04 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 13.1 | 14.7 | 16.7 | 18.7 | 23.3 | 25.8 | 28.4 | 30.9 | 33.4 | 36.4 | 39.4 | 42.4 | 45.9 | 49.5 | 53.5 | 6.90 | 14.00 | 2.04 |
| 24.7 | 26.2 | 28.2 | 30.2 | 34.7 | 37.2 | 39.7 | 42.2 | 44.7 | 47.7 | 50.7 | 53.7 | 57.2 | 60.7 | 64.7 | 2.20 | 4.50 | 2.07 |
| 22.4 | 23.9 | 25.9 | 27.9 | 32.4 | 34.9 | 37.4 | 39.9 | 42.4 | 45.4 | 48.4 | 51.4 | 54.9 | 58.4 | 62.4 | 3.15 | 6.50 | 2.08 |
| 21.9 | 23.4 | 25.4 | 27.4 | 31.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.9 | 47.9 | 50.9 | 54.4 | 57.9 | 61.9 | 3.35 | 6.90 | 2.08 |
| 23.5 | 25.0 | 27.0 | 29.0 | 33.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.5 | 49.5 | 52.5 | 56.0 | 59.5 | 63.5 | 2.65 | 5.60 | 2.13 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 17.5 | 19.0 | 21.1 | 23.1 | 27.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.7 | 43.7 | 46.7 | 50.2 | 53.7 | 57.7 | 5.00 | 10.60 | 2.13 |
| 23.8 | 25.3 | 27.3 | 29.3 | 33.8 | 36.3 | 38.8 | 41.4 | 43.9 | 46.9 | 49.9 | 52.9 | 56.4 | 59.9 | 63.9 | 2.50 | 5.30 | 2.14 |
| 24.2 | 25.7 | 27.7 | 29.7 | 34.2 | 36.7 | 39.2 | 41.7 | 44.2 | 47.2 | 50.2 | 53.2 | 56.7 | 60.2 | 64.2 | 2.35 | 5.00 | 2.15 |
| 23.0 | 24.5 | 26.5 | 28.5 | 33.0 | 35.6 | 38.1 | 40.6 | 43.1 | 46.1 | 49.1 | 52.1 | 55.6 | 59.1 | 63.1 | 2.80 | 6.00 | 2.16 |
| 13.4 | 14.9 | 17.0 | 19.0 | 23.6 | 26.1 | 28.7 | 31.2 | 33.7 | 36.7 | 39.7 | 42.7 | 46.2 | 49.8 | 53.8 | 6.50 | 14.00 | 2.16 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.04** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 24.5 | 26.0 | 28.0 | 30.0 | 34.5 | 37.0 | 39.5 | 42.0 | 44.5 | 47.5 | 50.5 | 53.5 | 57.0 | 60.5 | 64.5 | 2.20 | 4.75 | 2.19 |
| 22.5 | 24.0 | 26.0 | 28.0 | 32.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.5 | 48.5 | 51.5 | 55.0 | 58.5 | 62.5 | 3.00 | 6.50 | 2.19 |
| 22.0 | 23.5 | 25.5 | 27.5 | 32.1 | 34.6 | 37.1 | 39.6 | 42.1 | 45.1 | 48.1 | 51.1 | 54.6 | 58.1 | 62.1 | 3.15 | 6.90 | 2.21 |
| 20.7 | 22.2 | 24.3 | 26.3 | 30.8 | 33.3 | 35.8 | 38.3 | 40.8 | 43.8 | 46.8 | 49.8 | 53.3 | 56.8 | 60.8 | 3.65 | 8.00 | 2.21 |
| 17.7 | 19.2 | 21.2 | 23.3 | 27.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 43.8 | 46.9 | 50.4 | 53.9 | 57.9 | 4.75 | 10.60 | 2.24 |
| **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 23.6 | 25.1 | 27.1 | 29.1 | 33.6 | 36.1 | 38.6 | 41.1 | 43.6 | 46.6 | 49.6 | 52.6 | 56.1 | 59.6 | 63.6 | 2.50 | 5.60 | 2.27 |
| 23.9 | 25.4 | 27.5 | 29.5 | 34.0 | 36.5 | 39.0 | 41.5 | 44.0 | 47.0 | 50.0 | 53.0 | 56.5 | 60.0 | 64.0 | 2.35 | 5.30 | 2.28 |
| 23.1 | 24.6 | 26.7 | 28.7 | 33.2 | 35.7 | 38.2 | 40.7 | 43.2 | 46.2 | 49.2 | 52.2 | 55.7 | 59.2 | 63.2 | 2.65 | 6.00 | 2.29 |
| 24.3 | 25.8 | 27.8 | 29.8 | 34.3 | 36.8 | 39.3 | 41.8 | 44.3 | 47.3 | 50.3 | 53.3 | 56.8 | 60.3 | 64.3 | 2.20 | 5.00 | 2.30 |
| 22.1 | 23.6 | 25.7 | 27.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.2 | 45.2 | 48.2 | 51.2 | 54.7 | 58.2 | 62.2 | 3.00 | 6.90 | 2.32 |
| **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 13.7 | 15.3 | 17.3 | 19.4 | 24.0 | 26.5 | 29.0 | 31.5 | 34.1 | 37.1 | 40.1 | 43.1 | 46.6 | 50.1 | 54.1 | 6.00 | 14.00 | 2.34 |
| 22.6 | 24.1 | 26.1 | 28.1 | 32.6 | 35.1 | 37.7 | 40.2 | 42.7 | 45.7 | 48.7 | 51.7 | 55.2 | 58.7 | 62.7 | 2.80 | 6.50 | 2.35 |
| — | — | — | — | — | — | — | — | 20.8 | 24.0 | 27.1 | 30.2 | 33.8 | 37.3 | 41.4 | 10.60 | 25.00 | 2.36 |
| 17.9 | 19.4 | 21.4 | 23.4 | 28.0 | 30.5 | 33.0 | 35.5 | 38.0 | 41.0 | 44.0 | 47.0 | 50.5 | 54.1 | 58.1 | 4.50 | 10.60 | 2.37 |
| — | — | — | — | 18.0 | 20.6 | 23.1 | 25.7 | 28.3 | 31.3 | 34.4 | 37.4 | 40.9 | 44.5 | 48.5 | 8.00 | 19.00 | 2.38 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.12** | **1.13** | **1.14** | | | |
| 23.7 | 25.2 | 27.2 | 29.2 | 33.7 | 36.2 | 38.7 | 41.2 | 43.7 | 46.7 | 49.7 | 52.7 | 56.2 | 59.7 | 63.7 | 2.35 | 5.60 | 2.41 |
| 21.0 | 22.5 | 24.5 | 26.5 | 31.0 | 33.5 | 36.0 | 38.5 | 41.0 | 44.0 | 47.0 | 50.0 | 53.5 | 57.0 | 61.0 | 3.35 | 8.00 | 2.41 |
| 23.3 | 24.8 | 26.8 | 28.8 | 33.3 | 35.8 | 38.3 | 40.8 | 43.3 | 46.3 | 49.3 | 52.3 | 55.8 | 59.3 | 63.3 | 2.50 | 6.00 | 2.43 |
| 24.1 | 25.6 | 27.6 | 29.6 | 34.1 | 36.6 | 39.1 | 41.6 | 44.1 | 47.1 | 50.1 | 53.1 | 56.6 | 60.1 | 64.1 | 2.20 | 5.30 | 2.44 |
| 22.7 | 24.2 | 26.2 | 28.2 | 32.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.8 | 48.8 | 51.8 | 55.3 | 58.8 | 62.8 | 2.65 | 6.50 | 2.48 |
| **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 22.3 | 23.8 | 25.8 | 27.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.3 | 45.3 | 48.3 | 51.3 | 54.8 | 58.3 | 62.3 | 2.80 | 6.90 | 2.49 |
| 14.0 | 15.5 | 17.6 | 19.7 | 24.2 | 26.8 | 29.3 | 31.8 | 34.3 | 37.4 | 40.4 | 43.4 | 46.9 | 50.4 | 54.4 | 5.60 | 14.00 | 2.51 |
| 21.1 | 22.6 | 24.6 | 26.6 | 31.1 | 33.7 | 36.2 | 38.7 | 41.2 | 44.2 | 47.2 | 50.2 | 53.7 | 57.2 | 61.2 | 3.15 | 8.00 | 2.56 |
| 23.8 | 25.3 | 27.3 | 29.3 | 33.8 | 36.3 | 38.8 | 41.3 | 43.8 | 46.8 | 49.8 | 52.8 | 56.3 | 59.8 | 63.9 | 2.20 | 5.60 | 2.58 |
| 23.4 | 24.9 | 26.9 | 28.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.4 | 46.4 | 49.4 | 52.4 | 55.9 | 59.4 | 63.4 | 2.35 | 6.00 | 2.59 |
| **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.11** | **1.12** | **1.13** | **1.14** | | | |
| 18.1 | 19.7 | 21.7 | 23.7 | 28.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 44.3 | 47.3 | 50.8 | 54.3 | 58.3 | 4.12 | 10.60 | 2.59 |
| 22.8 | 24.3 | 26.4 | 28.4 | 32.9 | 35.4 | 37.9 | 40.4 | 42.9 | 45.9 | 48.9 | 51.9 | 55.4 | 58.9 | 62.9 | 2.50 | 6.50 | 2.63 |
| 22.4 | 23.9 | 25.9 | 27.9 | 32.4 | 34.9 | 37.4 | 39.9 | 42.4 | 45.4 | 48.5 | 51.5 | 55.0 | 58.5 | 62.5 | 2.65 | 6.90 | 2.63 |
| 14.2 | 15.7 | 17.8 | 19.9 | 24.5 | 27.0 | 29.5 | 32.0 | 34.6 | 37.6 | 40.6 | 43.6 | 47.1 | 50.7 | 54.7 | 5.30 | 14.00 | 2.66 |
| 21.2 | 22.7 | 24.7 | 26.7 | 31.3 | 33.8 | 36.3 | 38.8 | 41.3 | 44.3 | 47.3 | 50.3 | 53.8 | 57.3 | 61.3 | 3.00 | 8.00 | 2.69 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.13** | **1.14** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 3V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 2.77 | 2.20 | 6.00 | 1265 | 2.93 | 632 | 1.67 | 419 | 1.18 | 314 | 0.92 | 5.7 | 8.3 | 11.1 | 13.4 | 15.9 | 18.5 | 21.5 |
| 2.77 | 6.90 | 19.00 | 1265 | 15.90 | 633 | 9.31 | 419 | 6.50 | 314 | 5.02 | — | — | — | — | — | — | — |
| 2.80 | 2.35 | 6.50 | 1248 | 3.42 | 624 | 1.93 | 414 | 1.36 | 310 | 1.06 | — | 7.8 | 10.6 | 12.9 | 15.4 | 17.9 | 20.9 |
| 2.80 | 2.50 | 6.90 | 1252 | 3.90 | 626 | 2.19 | 415 | 1.54 | 311 | 1.20 | — | 7.3 | 10.1 | 12.4 | 15.0 | 17.5 | 20.5 |
| 2.82 | 5.00 | 14.00 | 1242 | 11.29 | 621 | 6.36 | 412 | 4.41 | 309 | 3.41 | — | — | — | — | — | — | 12.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.75** | **0.81** | **0.85** | **0.88** | **0.91** | **0.93** | **0.96** |
| 2.89 | 2.80 | 8.00 | 1211 | 4.86 | 605 | 2.71 | 401 | 1.89 | 301 | 1.47 | — | — | 8.9 | 11.2 | 13.8 | 16.3 | 19.3 |
| 2.93 | 3.65 | 10.60 | 1194 | 7.46 | 597 | 4.15 | 396 | 2.88 | 297 | 2.23 | — | — | — | — | 10.7 | 13.4 | 16.4 |
| 2.94 | 6.50 | 19.00 | 1191 | 15.01 | 596 | 8.71 | 395 | 6.07 | 296 | 4.68 | — | — | — | — | — | — | — |
| 2.97 | 4.75 | 14.00 | 1179 | 10.61 | 590 | 5.95 | 391 | 4.13 | 293 | 3.19 | — | — | — | — | — | — | 12.4 |
| 2.98 | 2.35 | 6.90 | 1175 | 3.42 | 588 | 1.93 | 389 | 1.36 | 292 | 1.06 | — | 7.4 | 10.2 | 12.5 | 15.1 | 17.6 | 20.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.78** | **0.84** | **0.87** | **0.90** | **0.92** | **0.95** |
| 3.00 | 2.20 | 6.50 | 1167 | 2.93 | 583 | 1.67 | 387 | 1.18 | 290 | 0.92 | — | 7.9 | 10.7 | 13.0 | 15.5 | 18.0 | 21.1 |
| 3.06 | 2.65 | 8.00 | 1145 | 4.38 | 572 | 2.45 | 379 | 1.72 | 285 | 1.33 | — | — | 9.0 | 11.3 | 13.9 | 16.4 | 19.5 |
| 3.13 | 4.50 | 14.00 | 1116 | 9.92 | 558 | 5.55 | 370 | 3.85 | 278 | 2.97 | — | — | — | — | — | — | 12.6 |
| 3.14 | 8.00 | 25.00 | — | — | 558 | 10.94 | 370 | 7.67 | 277 | 5.93 | — | — | — | — | — | — | — |
| 3.17 | 10.60 | 33.50 | — | — | 552 | 14.52 | 366 | 10.33 | 274 | 8.02 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.79** | **0.84** | **0.87** | **0.90** | **0.93** | **0.95** |
| 3.18 | 6.00 | 19.00 | 1099 | 13.84 | 549 | 7.94 | 364 | 5.52 | 273 | 4.26 | — | — | — | — | — | — | — |
| 3.19 | 2.20 | 6.90 | 1099 | 2.93 | 549 | 1.67 | 364 | 1.18 | 273 | 0.92 | — | 7.5 | 10.3 | 12.6 | 15.2 | 17.7 | 20.7 |
| 3.20 | 3.35 | 10.60 | 1095 | 6.56 | 547 | 3.65 | 363 | 2.54 | 272 | 1.96 | — | — | — | — | 10.9 | 13.6 | 16.6 |
| 3.24 | 2.50 | 8.00 | 1079 | 390 | 539 | 2.19 | 357 | 1.54 | 268 | 1.20 | — | — | 9.1 | 11.4 | 14.0 | 16.5 | 19.6 |
| 3.40 | 3.15 | 10.60 | 1028 | 5.95 | 514 | 3.31 | 341 | 2.31 | 256 | 1.78 | — | — | — | 8.4 | 11.1 | 13.7 | 16.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.78** | **0.84** | **0.87** | **0.90** | **0.92** | **0.95** |
| 3.41 | 5.60 | 19.00 | 1025 | 12.85 | 513 | 7.31 | 340 | 5.08 | 255 | 3.92 | — | — | — | — | — | — | — |
| 3.43 | 4.12 | 14.00 | 1021 | 8.85 | 511 | 4.93 | 338 | 3.42 | 254 | 2.64 | — | — | — | — | — | — | 12.8 |
| 3.46 | 2.35 | 8.00 | 1013 | 3.42 | 506 | 1.93 | 336 | 1.36 | 252 | 1.06 | — | — | 9.2 | 11.5 | 14.1 | 16.6 | 19.7 |
| 3.58 | 3.00 | 10.60 | 979 | 5.49 | 489 | 3.05 | 324 | 2.13 | 243 | 1.65 | — | — | — | 8.5 | 11.2 | 13.8 | 16.9 |
| 3.61 | 5.30 | 19.00 | 970 | 12.09 | 485 | 6.84 | 321 | 4.75 | 241 | 3.67 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.81** | **0.85** | **0.88** | **0.91** | **0.94** |
| 3.64 | 6.90 | 25.00 | 961 | 15.91 | 480 | 9.32 | 318 | 6.50 | 239 | 5.02 | — | — | — | — | — | — | — |
| 3.70 | 2.20 | 8.00 | 947 | 2.94 | 473 | 1.67 | 314 | 1.18 | 235 | 0.93 | — | — | 9.3 | 11.6 | 14.2 | 16.7 | 19.8 |
| 3.83 | 5.00 | 19.00 | 914 | 11.29 | 457 | 6.36 | 303 | 4.42 | 227 | 3.41 | — | — | — | — | — | — | — |
| 3.84 | 2.80 | 10.60 | 912 | 4.86 | 456 | 2.71 | 302 | 1.90 | 227 | 1.47 | — | — | — | 8.6 | 11.3 | 13.9 | 17.0 |
| 3.87 | 3.65 | 14.00 | 903 | 7.47 | 452 | 4.15 | 299 | 2.89 | 225 | 2.23 | — | — | — | — | — | — | 13.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.81** | **0.85** | **0.88** | **0.91** | **0.94** |
| 3.87 | 6.50 | 25.00 | 905 | 15.02 | 452 | 8.71 | 300 | 6.07 | 225 | 4.68 | — | — | — | — | — | — | — |
| 4.03 | 4.75 | 19.00 | 868 | 10.62 | 434 | 5.96 | 288 | 4.14 | 216 | 3.19 | — | — | — | — | — | — | — |
| 4.06 | 2.65 | 10.60 | 863 | 4.39 | 431 | 2.46 | 286 | 1.72 | 214 | 1.34 | — | — | — | 8.7 | 11.4 | 14.0 | 17.1 |
| 4.19 | 6.00 | 25.00 | 835 | 13.85 | 417 | 7.94 | 277 | 5.52 | 207 | 4.26 | — | — | — | — | — | — | — |
| 4.21 | 8.00 | 33.50 | — | — | 416 | 10.95 | 276 | 7.67 | 207 | 5.93 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.84** | **0.88** | **0.91** |
| 4.23 | 3.35 | 14.00 | 828 | 6.57 | 414 | 3.65 | 274 | 2.54 | 206 | 1.96 | — | — | — | — | — | — | — |
| 4.26 | 4.50 | 19.00 | 822 | 9.93 | 411 | 5.55 | 272 | 3.86 | 204 | 2.98 | — | — | — | — | — | — | — |
| 4.31 | 2.50 | 10.60 | 813 | 3.91 | 406 | 2.20 | 269 | 1.54 | 202 | 1.20 | — | — | — | 8.8 | 11.5 | 14.1 | 17.2 |
| 4.50 | 3.15 | 14.00 | 778 | 5.96 | 389 | 3.31 | 258 | 2.31 | 193 | 1.79 | — | — | — | — | — | — | 13.4 |
| 4.50 | 5.60 | 25.00 | 779 | 12.86 | 389 | 7.31 | 258 | 5.08 | 194 | 3.92 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.83** | **0.87** | **0.91** |
| 4.59 | 2.35 | 10.60 | 763 | 3.43 | 382 | 1.94 | 253 | 1.36 | 190 | 1.06 | — | — | — | 8.9 | 11.6 | 14.2 | 17.3 |
| 4.66 | 4.12 | 19.00 | 752 | 8.85 | 376 | 4.93 | 249 | 3.42 | 187 | 2.64 | — | — | — | — | — | — | — |
| 4.73 | 3.00 | 14.00 | 740 | 5.49 | 370 | 3.06 | 245 | 2.13 | 184 | 1.65 | — | — | — | — | — | 10.2 | 13.5 |
| 4.75 | 5.30 | 25.00 | 736 | 12.09 | 368 | 6.84 | 244 | 4.75 | 183 | 3.67 | — | — | — | — | — | — | — |
| 4.88 | 6.90 | 33.50 | 717 | 15.91 | 358 | 9.32 | 238 | 6.50 | 178 | 5.02 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.83** | **0.87** | **0.91** |
| 4.91 | 2.20 | 10.60 | 713 | 2.94 | 357 | 1.67 | 236 | 1.18 | 177 | 0.93 | — | — | — | 9.0 | 11.7 | 14.3 | 17.4 |
| 5.04 | 5.00 | 25.00 | 694 | 11.30 | 347 | 6.36 | 230 | 4.42 | 173 | 3.41 | — | — | — | — | — | — | — |
| 5.07 | 2.80 | 14.00 | 690 | 4.87 | 345 | 2.72 | 229 | 1.90 | 172 | 1.47 | — | — | — | — | — | 10.3 | 13.7 |
| 5.19 | 6.50 | 33.50 | 675 | 15.02 | 337 | 8.71 | 224 | 6.07 | 168 | 4.68 | — | — | — | — | — | — | — |
| 5.26 | 3.65 | 19.00 | 665 | 7.47 | 332 | 4.15 | 220 | 2.89 | 165 | 2.23 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.83** | **0.87** | **0.91** |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| 23.5 | 25.0 | 27.0 | 29.0 | 33.5 | 36.0 | 38.5 | 41.0 | 43.5 | 46.5 | 49.5 | 52.5 | 56.0 | 59.5 | 63.5 | 2.20 | 6.00 | 2.77 |
| — | — | — | — | 18.7 | 21.3 | 23.9 | 26.5 | 29.0 | 32.1 | 35.1 | 38.2 | 41.7 | 45.3 | 49.3 | 6.90 | 19.00 | 2.77 |
| 23.0 | 24.5 | 26.5 | 28.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.0 | 46.0 | 49.0 | 52.0 | 55.5 | 59.0 | 63.0 | 2.35 | 6.50 | 2.80 |
| 22.5 | 24.0 | 26.0 | 28.0 | 32.5 | 35.0 | 37.6 | 40.1 | 42.6 | 45.6 | 48.6 | 51.6 | 55.1 | 58.6 | 62.6 | 2.50 | 6.90 | 2.80 |
| 14.4 | 15.9 | 18.0 | 20.1 | 24.7 | 27.2 | 29.7 | 32.3 | 34.8 | 37.8 | 40.8 | 43.8 | 47.4 | 50.9 | 54.9 | 5.00 | 14.00 | 2.82 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.12** | **1.13** | **1.14** | | | |
| 21.4 | 22.9 | 24.9 | 26.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.4 | 44.4 | 47.4 | 50.5 | 54.0 | 57.5 | 61.5 | 2.80 | 8.00 | 2.89 |
| 18.5 | 20.0 | 22.0 | 24.1 | 28.6 | 31.1 | 33.6 | 36.1 | 38.7 | 41.7 | 44.7 | 47.7 | 51.2 | 54.7 | 58.7 | 3.65 | 10.60 | 2.93 |
| — | — | — | — | 18.9 | 21.6 | 24.2 | 26.7 | 29.3 | 32.4 | 35.4 | 38.5 | 42.0 | 45.5 | 49.6 | 6.50 | 19.00 | 2.94 |
| 14.5 | 16.1 | 18.2 | 20.2 | 24.8 | 27.4 | 29.9 | 32.4 | 35.0 | 38.0 | 41.0 | 44.0 | 47.5 | 51.1 | 55.1 | 4.75 | 14.00 | 2.97 |
| 22.6 | 24.1 | 26.1 | 28.1 | 32.7 | 35.2 | 37.7 | 40.2 | 42.7 | 45.7 | 48.7 | 51.7 | 55.2 | 58.7 | 62.7 | 2.35 | 6.90 | 2.98 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.12** | **1.13** | **1.14** | | | |
| 23.1 | 24.6 | 26.6 | 28.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.1 | 46.1 | 49.1 | 52.1 | 55.6 | 59.1 | 63.1 | 2.20 | 6.50 | 3.00 |
| 21.5 | 23.0 | 25.0 | 27.0 | 31.5 | 34.0 | 36.5 | 39.0 | 41.5 | 44.6 | 47.6 | 50.6 | 54.1 | 57.6 | 61.6 | 2.65 | 8.00 | 3.06 |
| 14.7 | 16.3 | 18.4 | 20.4 | 25.0 | 27.6 | 30.1 | 32.6 | 35.1 | 38.2 | 41.2 | 44.2 | 47.7 | 51.3 | 55.3 | 4.50 | 14.00 | 3.13 |
| — | — | — | — | — | — | — | 19.8 | 22.5 | 25.7 | 28.8 | 32.0 | 35.6 | 39.2 | 43.2 | 8.00 | 25.00 | 3.14 |
| — | — | — | — | — | — | — | — | — | — | — | — | 25.3 | 29.1 | 33.4 | 10.60 | 33.50 | 3.17 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.12** | **1.13** | **1.14** | | | |
| — | — | — | 14.4 | 19.3 | 21.9 | 24.5 | 27.1 | 29.7 | 32.7 | 35.8 | 38.8 | 42.4 | 45.9 | 49.9 | 6.00 | 19.00 | 3.18 |
| 22.7 | 24.2 | 26.2 | 28.3 | 32.8 | 35.3 | 37.8 | 40.3 | 42.8 | 45.8 | 48.8 | 51.8 | 55.3 | 58.8 | 62.8 | 2.20 | 6.90 | 3.19 |
| 18.7 | 20.2 | 22.2 | 24.3 | 28.8 | 31.3 | 33.8 | 36.4 | 38.9 | 41.9 | 44.9 | 47.9 | 51.4 | 54.9 | 58.9 | 3.35 | 10.60 | 3.20 |
| 21.6 | 23.1 | 25.1 | 27.1 | 31.6 | 34.1 | 36.7 | 39.2 | 41.7 | 44.7 | 47.7 | 50.7 | 54.2 | 57.7 | 61.7 | 2.50 | 8.00 | 3.24 |
| 18.8 | 20.4 | 22.4 | 24.4 | 29.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 45.0 | 48.1 | 51.6 | 55.1 | 59.1 | 3.15 | 10.60 | 3.40 |
| **0.96** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | | | |
| — | — | — | 14.6 | 19.5 | 22.2 | 24.8 | 27.4 | 29.9 | 33.0 | 36.1 | 39.1 | 42.7 | 46.2 | 50.2 | 5.60 | 19.00 | 3.41 |
| 15.0 | 16.5 | 18.6 | 20.7 | 25.3 | 27.8 | 30.4 | 32.9 | 35.4 | 38.5 | 41.5 | 44.5 | 48.0 | 51.5 | 55.5 | 4.12 | 14.00 | 3.43 |
| 21.7 | 23.2 | 25.2 | 27.2 | 31.7 | 34.3 | 36.8 | 39.3 | 41.8 | 44.8 | 47.8 | 50.8 | 54.3 | 57.8 | 61.8 | 2.35 | 8.00 | 3.46 |
| 18.9 | 20.5 | 22.5 | 24.5 | 29.1 | 31.6 | 34.1 | 36.6 | 39.1 | 42.1 | 45.2 | 48.2 | 51.7 | 55.2 | 59.2 | 3.00 | 10.60 | 3.58 |
| — | — | — | 14.8 | 19.7 | 22.4 | 25.0 | 27.6 | 30.1 | 33.2 | 36.3 | 39.3 | 42.9 | 46.4 | 50.4 | 5.30 | 19.00 | 3.61 |
| **0.96** | **0.97** | **0.98** | **0.99** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | | | |
| — | — | — | — | — | — | 17.6 | 20.4 | 23.2 | 26.4 | 29.6 | 32.7 | 36.3 | 39.9 | 44.0 | 6.90 | 25.00 | 3.64 |
| 21.8 | 23.3 | 25.3 | 27.3 | 31.9 | 34.4 | 36.9 | 39.4 | 41.9 | 44.9 | 47.9 | 50.9 | 54.4 | 57.9 | 61.9 | 2.20 | 8.00 | 3.70 |
| — | — | — | 15.0 | 19.9 | 22.6 | 25.2 | 27.8 | 30.3 | 33.4 | 36.5 | 39.5 | 43.1 | 46.6 | 50.7 | 5.00 | 19.00 | 3.83 |
| 19.1 | 20.6 | 22.6 | 24.7 | 29.2 | 31.7 | 34.3 | 36.8 | 39.1 | 42.3 | 45.3 | 48.3 | 51.8 | 55.3 | 59.3 | 2.80 | 10.60 | 3.84 |
| 15.3 | 16.8 | 18.9 | 21.0 | 25.6 | 28.2 | 30.7 | 33.2 | 35.8 | 38.8 | 41.8 | 44.8 | 48.4 | 51.9 | 55.9 | 3.65 | 14.00 | 3.87 |
| **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.10** | **1.11** | **1.12** | **1.13** | | | |
| — | — | — | — | — | — | 17.9 | 20.7 | 23.4 | 26.7 | 29.8 | 33.0 | 36.6 | 40.2 | 44.3 | 6.50 | 25.00 | 3.87 |
| — | — | — | 15.2 | 20.1 | 22.7 | 25.3 | 27.9 | 30.5 | 33.6 | 36.7 | 39.7 | 43.3 | 46.8 | 50.8 | 4.75 | 19.00 | 4.03 |
| 19.2 | 20.7 | 22.7 | 24.8 | 29.3 | 31.8 | 34.4 | 36.9 | 39.4 | 42.4 | 45.4 | 48.4 | 51.9 | 55.5 | 59.5 | 2.65 | 10.60 | 4.06 |
| — | — | — | — | — | — | 18.2 | 21.0 | 23.8 | 27.0 | 30.2 | 33.3 | 36.9 | 40.5 | 44.6 | 6.00 | 25.00 | 4.19 |
| — | — | — | — | — | — | — | — | — | — | — | 22.8 | 26.9 | 30.8 | 35.1 | 8.00 | 33.50 | 4.21 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.13** | | | |
| 15.5 | 17.0 | 19.1 | 21.2 | 25.8 | 28.4 | 30.9 | 33.4 | 36.0 | 39.0 | 42.0 | 45.1 | 48.6 | 52.1 | 56.1 | 3.35 | 14.00 | 4.23 |
| — | — | — | 15.3 | 20.2 | 22.9 | 25.5 | 28.1 | 30.7 | 33.8 | 36.8 | 39.9 | 43.4 | 47.0 | 51.0 | 4.50 | 19.00 | 4.26 |
| 19.3 | 20.8 | 22.9 | 24.9 | 29.4 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 45.5 | 48.5 | 52.1 | 55.6 | 59.6 | 2.50 | 10.60 | 4.31 |
| 15.6 | 17.2 | 19.3 | 21.3 | 26.0 | 28.5 | 31.1 | 33.6 | 36.1 | 39.2 | 42.2 | 45.2 | 48.7 | 52.2 | 56.3 | 3.15 | 14.00 | 4.50 |
| — | — | — | — | — | — | 18.4 | 21.3 | 24.0 | 27.2 | 30.4 | 33.6 | 37.2 | 40.8 | 44.9 | 5.60 | 25.00 | 4.50 |
| **0.93** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.13** | | | |
| 19.4 | 20.9 | 23.0 | 25.0 | 29.5 | 32.1 | 34.6 | 37.1 | 39.6 | 42.6 | 45.6 | 48.7 | 52.2 | 55.7 | 59.7 | 2.35 | 10.60 | 4.59 |
| — | — | 13.3 | 15.6 | 20.5 | 23.1 | 25.8 | 28.4 | 30.9 | 34.0 | 37.1 | 40.2 | 43.7 | 47.3 | 51.3 | 4.12 | 19.00 | 4.66 |
| 15.7 | 17.3 | 19.4 | 21.4 | 26.1 | 28.6 | 31.2 | 33.7 | 36.2 | 39.3 | 42.3 | 45.3 | 48.8 | 52.4 | 56.4 | 3.00 | 14.00 | 4.73 |
| — | — | — | — | — | — | 18.6 | 21.4 | 24.2 | 27.4 | 30.6 | 33.8 | 37.4 | 41.0 | 45.1 | 5.30 | 25.00 | 4.75 |
| — | — | — | — | — | — | — | — | — | — | — | 23.5 | 27.6 | 31.5 | 35.8 | 6.90 | 33.50 | 4.88 |
| **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.13** | | | |
| 19.5 | 21.0 | 23.1 | 25.1 | 29.6 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 45.8 | 48.8 | 52.3 | 55.8 | 59.8 | 2.20 | 10.60 | 4.91 |
| — | — | — | — | — | — | 18.8 | 21.6 | 24.4 | 27.6 | 30.8 | 34.0 | 37.6 | 41.2 | 45.3 | 5.00 | 25.00 | 5.04 |
| 15.8 | 17.4 | 19.5 | 21.6 | 26.2 | 28.8 | 31.3 | 33.8 | 36.4 | 39.4 | 42.4 | 45.5 | 49.0 | 52.5 | 56.5 | 2.80 | 14.00 | 5.07 |
| — | — | — | — | — | — | — | — | — | — | — | 23.7 | 27.8 | 31.7 | 36.1 | 6.50 | 33.50 | 5.19 |
| — | — | 13.5 | 15.9 | 20.8 | 23.5 | 26.1 | 28.7 | 31.3 | 34.4 | 37.4 | 40.5 | 44.0 | 47.6 | 51.6 | 3.65 | 19.00 | 5.26 |
| **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | **1.10** | **1.11** | **1.13** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 3V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | Designación de Largo de Banda 3VX | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | Impuls. RPM | HP por Banda 3VX | 250 | 300 | 355 | 400 | 450 | 500 | 560 |
| 5.31 | 4.75 | 25.00 | 659 | 10.62 | 330 | 5.96 | 219 | 4.14 | 164 | 3.19 | — | — | — | — | — | — | |
| 5.37 | 2.65 | 14.00 | 652 | 4.39 | 326 | 2.46 | 216 | 1.72 | 162 | 1.34 | — | — | — | — | — | 10.4 | |
| 5.61 | 4.50 | 25.00 | 624 | 9.93 | 312 | 5.55 | 207 | 3.86 | 155 | 2.98 | — | — | — | — | — | — | |
| 5.62 | 6.00 | 33.50 | 623 | 13.85 | 311 | 7.94 | 206 | 5.52 | 155 | 4.26 | — | — | — | — | — | — | |
| 5.69 | 2.50 | 14.00 | 615 | 3.91 | 307 | 2.20 | 204 | 1.54 | 153 | 1.20 | — | — | — | — | — | 10.5 | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.76** | |
| 5.74 | 3.35 | 19.00 | 609 | 6.57 | 305 | 3.65 | 202 | 2.54 | 152 | 1.96 | — | — | — | — | — | — | |
| 6.03 | 5.60 | 33.50 | 581 | 12.86 | 290 | 7.32 | 192 | 5.08 | 144 | 3.92 | — | — | — | — | — | — | |
| 6.07 | 2.35 | 14.00 | 577 | 3.43 | 289 | 1.94 | 191 | 1.36 | 143 | 1.06 | — | — | — | — | — | 10.6 | |
| 6.11 | 3.15 | 19.00 | 573 | 5.96 | 286 | 3.31 | 190 | 2.31 | 142 | 1.79 | — | — | — | — | — | — | |
| 6.13 | 4.12 | 25.00 | 571 | 8.85 | 285 | 4.93 | 189 | 3.43 | 142 | 2.64 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.76** | |
| 6.37 | 5.30 | 33.50 | 549 | 12.09 | 275 | 6.84 | 182 | 4.75 | 137 | 3.67 | — | — | — | — | — | — | |
| 6.42 | 3.00 | 19.00 | 545 | 5.49 | 272 | 3.06 | 181 | 2.13 | 135 | 1.65 | — | — | — | — | — | — | |
| 6.49 | 2.20 | 14.00 | 539 | 2.94 | 270 | 1.68 | 179 | 1.18 | 134 | 0.93 | — | — | — | — | — | 10.6 | |
| 6.76 | 5.00 | 33.50 | 518 | 11.30 | 259 | 6.36 | 172 | 4.42 | 129 | 3.41 | — | — | — | — | — | — | |
| 6.89 | 2.80 | 19.00 | 508 | 4.87 | 254 | 2.72 | 168 | 1.90 | 126 | 1.47 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.76** | |
| 6.93 | 3.65 | 25.00 | 505 | 7.48 | 253 | 4.15 | 167 | 2.89 | 126 | 2.23 | — | — | — | — | — | — | |
| 7.12 | 4.75 | 33.50 | 492 | 10.62 | 246 | 5.96 | 163 | 4.14 | 122 | 3.19 | — | — | — | — | — | — | |
| 7.29 | 2.65 | 19.00 | 480 | 4.39 | 240 | 2.46 | 159 | 1.72 | 119 | 1.34 | — | — | — | — | — | — | |
| 7.52 | 4.50 | 33.50 | 466 | 9.93 | 233 | 5.56 | 154 | 3.86 | 116 | 2.98 | — | — | — | — | — | — | |
| 7.56 | 3.35 | 25.00 | 463 | 6.57 | 231 | 3.65 | 153 | 2.54 | 115 | 1.97 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | |
| 7.73 | 2.50 | 19.00 | 453 | 3.91 | 226 | 2.20 | 150 | 1.54 | 112 | 1.20 | — | — | — | — | — | — | |
| 8.05 | 3.15 | 25.00 | 435 | 5.96 | 217 | 3.31 | 144 | 2.31 | 108 | 1.79 | — | — | — | — | — | — | |
| 8.22 | 4.12 | 33.50 | 426 | 8.85 | 213 | 4.93 | 141 | 3.43 | 106 | 2.64 | — | — | — | — | — | — | |
| 8.24 | 2.35 | 19.00 | 425 | 3.43 | 212 | 1.94 | 141 | 1.36 | 106 | 1.06 | — | — | — | — | — | — | |
| 8.46 | 3.00 | 25.00 | 414 | 5.50 | 207 | 3.06 | 137 | 2.13 | 103 | 1.65 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | |
| 8.81 | 2.20 | 19.00 | 397 | 2.94 | 199 | 1.68 | 132 | 1.19 | 99 | 0.93 | — | — | — | — | — | — | |
| 9.07 | 2.80 | 25.00 | 386 | 4.87 | 193 | 2.72 | 128 | 1.90 | 96 | 1.47 | — | — | — | — | — | — | |
| 9.29 | 3.65 | 33.50 | 377 | 7.48 | 188 | 4.15 | 125 | 2.89 | 94 | 2.23 | — | — | — | — | — | — | |
| 9.60 | 2.65 | 25.00 | 365 | 4.39 | 182 | 2.46 | 121 | 1.72 | 91 | 1.34 | — | — | — | — | — | — | |
| 10.14 | 3.35 | 33.50 | 345 | 6.57 | 173 | 3.65 | 114 | 2.54 | 86 | 1.97 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | |
| 10.18 | 2.50 | 25.00 | 344 | 3.91 | 172 | 2.20 | 114 | 1.54 | 85 | 1.20 | — | — | — | — | — | — | |
| 10.79 | 3.15 | 33.50 | 324 | 5.96 | 162 | 3.31 | 108 | 2.31 | 81 | 1.79 | — | — | — | — | — | — | |
| 10.85 | 2.35 | 25.00 | 323 | 3.43 | 161 | 1.94 | 107 | 1.36 | 80 | 1.06 | — | — | — | — | — | — | |
| 11.34 | 3.00 | 33.50 | 309 | 5.50 | 154 | 3.06 | 102 | 2.13 | 77 | 1.65 | — | — | — | — | — | — | |
| 11.60 | 2.20 | 25.00 | 302 | 2.94 | 151 | 1.68 | 100 | 1.19 | 75 | 0.93 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | |
| 12.16 | 2.80 | 33.50 | 288 | 4.87 | 144 | 2.72 | 95 | 1.90 | 72 | 1.47 | — | — | — | — | — | — | |
| 12.87 | 2.65 | 33.50 | 272 | 4.39 | 136 | 2.46 | 90 | 1.72 | 68 | 1.34 | — | — | — | — | — | — | |
| 13.65 | 2.50 | 33.50 | 256 | 3.92 | 128 | 2.20 | 85 | 1.54 | 64 | 1.20 | — | — | — | — | — | — | |
| 14.54 | 2.35 | 33.50 | 241 | 3.43 | 120 | 1.94 | 80 | 1.37 | 60 | 1.06 | — | — | — | — | — | — | |
| 15.56 | 2.20 | 33.50 | 225 | 2.94 | 112 | 1.68 | 75 | 1.19 | 56 | 0.93 | — | — | — | — | — | — | |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | |

3VX= LOS VALORES AQUÍ INDICADOS SON SOLAMENTE PARA LAS BANDAS 3VX.

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 3V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 3VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 600 | 630 | 670 | 710 | 800 | 850 | 900 | 950 | 1000 | 1060 | 1120 | 1180 | 1250 | 1320 | 1400 | | | |
| — | — | — | — | — | — | 18.9 | 21.8 | 24.5 | 27.8 | 31.0 | 34.1 | 37.8 | 41.4 | 45.5 | 4.75 | 25.00 | 5.31 |
| 15.9 | 17.5 | 19.6 | 21.7 | 26.3 | 28.9 | 31.4 | 33.9 | 36.5 | 39.5 | 42.5 | 45.6 | 49.1 | 52.6 | 56.6 | 2.65 | 14.00 | 5.37 |
| — | — | — | — | — | — | 19.1 | 21.9 | 24.7 | 28.0 | 31.1 | 34.3 | 37.9 | 41.6 | 45.7 | 4.50 | 25.00 | 5.61 |
| — | — | — | — | — | — | — | — | — | — | — | 24.0 | 28.1 | 32.0 | 36.4 | 6.00 | 33.50 | 5.62 |
| 16.0 | 17.6 | 19.7 | 21.8 | 26.4 | 29.0 | 31.5 | 34.1 | 36.6 | 39.6 | 42.7 | 45.7 | 49.2 | 52.7 | 56.7 | 2.50 | 14.00 | 5.69 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.10** | **1.11** | | | |
| — | — | 13.7 | 16.0 | 21.0 | 23.7 | 26.3 | 28.9 | 31.5 | 34.6 | 37.6 | 40.7 | 44.3 | 47.8 | 51.9 | 3.35 | 19.00 | 5.74 |
| — | — | — | — | — | — | — | — | — | — | — | 24.3 | 28.4 | 32.3 | 36.6 | 5.60 | 33.50 | 6.03 |
| 16.1 | 17.7 | 19.8 | 21.9 | 26.5 | 29.1 | 31.6 | 34.2 | 36.7 | 39.7 | 42.8 | 45.8 | 49.3 | 52.8 | 56.9 | 2.35 | 14.00 | 6.07 |
| — | — | 13.8 | 16.2 | 21.1 | 23.8 | 26.4 | 29.0 | 31.6 | 34.7 | 37.8 | 40.8 | 44.4 | 47.9 | 52.0 | 3.15 | 19.00 | 6.11 |
| — | — | — | — | — | 16.3 | 19.3 | 22.2 | 24.9 | 28.2 | 31.4 | 34.6 | 38.2 | 41.8 | 45.9 | 4.12 | 25.00 | 6.13 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.98** | **0.99** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.10** | **1.11** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 24.5 | 28.5 | 32.5 | 36.8 | 5.30 | 33.50 | 6.37 |
| — | — | 13.9 | 16.3 | 21.2 | 23.9 | 26.5 | 29.1 | 31.7 | 34.8 | 37.9 | 40.9 | 44.5 | 48.1 | 52.1 | 3.00 | 19.00 | 6.42 |
| 16.2 | 17.8 | 19.9 | 22.0 | 26.6 | 29.2 | 31.7 | 34.3 | 36.8 | 39.8 | 42.9 | 45.9 | 49.4 | 52.9 | 57.0 | 2.20 | 14.00 | 6.49 |
| — | — | — | — | — | — | — | — | — | — | 20.9 | 24.6 | 28.7 | 32.7 | 37.0 | 5.00 | 33.50 | 6.76 |
| — | — | 14.0 | 16.4 | 21.3 | 24.0 | 26.6 | 29.3 | 31.8 | 34.9 | 38.0 | 41.1 | 44.6 | 48.2 | 52.3 | 2.80 | 19.00 | 6.89 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.98** | **0.99** | **1.01** | **1.02** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.10** | **1.11** | | | |
| — | — | — | — | — | 16.6 | 19.6 | 22.5 | 25.2 | 28.5 | 31.7 | 34.9 | 38.5 | 42.1 | 46.3 | 3.65 | 25.00 | 6.93 |
| — | — | — | — | — | — | — | — | — | — | 21.1 | 24.8 | 28.9 | 32.8 | 37.2 | 4.75 | 33.50 | 7.12 |
| — | — | 14.1 | 16.5 | 21.4 | 24.1 | 26.7 | 29.4 | 32.0 | 35.0 | 38.1 | 41.2 | 44.7 | 48.3 | 52.4 | 2.65 | 19.00 | 7.29 |
| — | — | — | — | — | — | — | — | — | — | 21.2 | 24.9 | 29.0 | 33.0 | 37.3 | 4.50 | 33.50 | 7.52 |
| — | — | — | — | — | 16.7 | 19.8 | 22.6 | 25.4 | 28.7 | 31.9 | 35.1 | 38.7 | 42.4 | 46.5 | 3.35 | 25.00 | 7.56 |
| **0.00** | **0.0** | **0.79** | **0.84** | **0.92** | **0.94** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.10** | | | |
| — | — | 14.2 | 16.6 | 21.5 | 24.2 | 26.8 | 29.5 | 32.1 | 35.1 | 38.2 | 41.3 | 44.9 | 48.4 | 52.5 | 2.50 | 19.00 | 7.73 |
| — | — | — | — | — | 16.8 | 19.9 | 22.8 | 25.6 | 28.8 | 32.0 | 35.2 | 38.9 | 42.5 | 46.6 | 3.15 | 25.00 | 8.05 |
| — | — | — | — | — | — | — | — | — | — | 21.4 | 25.2 | 29.3 | 33.2 | 37.6 | 4.12 | 33.50 | 8.22 |
| — | — | 14.3 | 16.7 | 21.6 | 24.3 | 26.9 | 29.6 | 32.2 | 35.2 | 38.3 | 41.4 | 45.0 | 48.5 | 52.6 | 2.35 | 19.00 | 8.24 |
| — | — | — | — | — | 16.9 | 20.0 | 22.9 | 25.7 | 28.9 | 32.1 | 35.3 | 39.0 | 42.6 | 46.7 | 3.00 | 25.00 | 8.46 |
| **0.00** | **0.0** | **0.79** | **0.84** | **0.91** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.10** | | | |
| — | — | 14.4 | 16.7 | 21.7 | 24.4 | 27.0 | 29.7 | 32.3 | 35.4 | 38.4 | 41.5 | 45.1 | 48.6 | 52.7 | 2.20 | 19.00 | 8.81 |
| — | — | — | — | — | 17.1 | 20.1 | 23.0 | 25.8 | 29.0 | 32.3 | 35.4 | 39.1 | 42.7 | 46.9 | 2.80 | 25.00 | 9.07 |
| — | — | — | — | — | — | — | — | — | — | 21.7 | 25.4 | 29.6 | 33.5 | 37.9 | 3.65 | 33.50 | 9.29 |
| — | — | — | — | — | 17.1 | 20.2 | 23.1 | 25.9 | 29.1 | 32.4 | 35.5 | 39.2 | 42.8 | 47.0 | 2.65 | 25.00 | 9.60 |
| — | — | — | — | — | — | — | — | — | — | 21.9 | 25.6 | 29.7 | 33.7 | 38.1 | 3.35 | 33.50 | 10.14 |
| **0.00** | **0.0** | **0.79** | **0.84** | **0.91** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.08** | **1.09** | | | |
| — | — | — | — | — | 17.2 | 20.3 | 23.2 | 26.0 | 29.2 | 32.5 | 35.6 | 39.3 | 42.9 | 47.1 | 2.50 | 25.00 | 10.18 |
| — | — | — | — | — | — | — | — | — | — | 22.0 | 25.7 | 29.9 | 33.8 | 38.2 | 3.15 | 33.50 | 10.79 |
| — | — | — | — | — | 17.3 | 20.4 | 23.3 | 26.1 | 29.3 | 32.5 | 35.7 | 39.4 | 43.0 | 47.2 | 2.35 | 25.00 | 10.85 |
| — | — | — | — | — | — | — | — | — | — | 22.1 | 25.8 | 30.0 | 33.9 | 38.3 | 3.00 | 33.50 | 11.34 |
| — | — | — | — | — | 17.4 | 20.5 | 23.4 | 26.2 | 29.4 | 32.6 | 35.8 | 39.5 | 43.1 | 47.3 | 2.20 | 25.00 | 11.60 |
| **0.00** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.85** | **0.89** | **0.93** | **0.96** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | | | |
| — | — | — | — | — | — | — | — | — | — | 22.2 | 26.0 | 30.1 | 34.0 | 38.4 | 2.80 | 33.50 | 12.16 |
| — | — | — | — | — | — | — | — | — | — | 22.3 | 26.0 | 30.2 | 34.1 | 38.5 | 2.65 | 33.50 | 12.87 |
| — | — | — | — | — | — | — | — | — | — | 22.4 | 26.1 | 30.3 | 34.2 | 38.6 | 2.50 | 33.50 | 13.65 |
| — | — | — | — | — | — | — | — | — | — | 22.4 | 26.2 | 30.3 | 34.3 | 38.7 | 2.35 | 33.50 | 14.54 |
| — | — | — | — | — | — | — | — | — | — | 22.5 | 26.3 | 30.4 | 34.4 | 38.8 | 2.20 | 33.50 | 15.56 |
| **0.00** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.86** | **0.92** | **0.96** | **1.00** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.00 | 4.40 | 4.40 | 1750 | 3.90 | 8.23 | 1160 | 3.09 | 5.90 | 870 | 2.56 | 4.64 | 690 | 2.18 | 3.82 | 18.1 | 23.1 | 28.6 |
| 1.00 | 4.65 | 4.65 | 1750 | 5.04 | 9.40 | 1160 | 3.89 | 6.71 | 870 | 3.17 | 5.26 | 690 | 2.67 | 4.32 | 17.7 | 22.7 | 28.2 |
| 1.00 | 4.90 | 4.90 | 1750 | 6.16 | 10.55 | 1160 | 4.67 | 7.51 | 870 | 3.78 | 5.88 | 690 | 3.17 | 4.81 | 17.3 | 22.3 | 27.8 |
| 1.00 | 5.20 | 5.20 | 1750 | 7.49 | 11.93 | 1160 | 5.61 | 8.46 | 870 | 4.51 | 6.61 | 690 | 3.76 | 5.41 | 16.8 | 21.8 | 27.3 |
| 1.00 | 5.50 | 5.50 | 1750 | 8.81 | 13.30 | 1160 | 6.55 | 9.42 | 870 | 5.23 | 7.35 | 690 | 4.34 | 6.00 | 16.4 | 21.4 | 26.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.00 | 5.90 | 5.90 | 1750 | 10.55 | 15.11 | 1160 | 7.78 | 10.68 | 870 | 6.19 | 8.32 | 690 | 5.12 | 6.78 | 15.7 | 20.7 | 26.2 |
| 1.00 | 6.30 | 6.30 | 1750 | 12.26 | 16.89 | 1160 | 9.00 | 11.93 | 870 | 7.14 | 9.28 | 690 | 5.89 | 7.57 | 15.1 | 20.1 | 25.6 |
| 1.00 | 6.70 | 6.70 | 1750 | 13.94 | 18.66 | 1160 | 10.21 | 13.17 | 870 | 8.08 | 10.24 | 690 | 6.66 | 8.34 | 14.5 | 19.5 | 25.0 |
| 1.00 | 7.10 | 7.10 | 1750 | 15.60 | 20.41 | 1160 | 11.41 | 14.40 | 870 | 9.02 | 11.20 | 690 | 7.42 | 9.12 | 13.8 | 18.8 | 24.3 |
| 1.00 | 7.50 | 7.50 | 1750 | 17.22 | 22.13 | 1160 | 12.60 | 15.63 | 870 | 9.95 | 12.15 | 690 | 8.17 | 9.88 | 13.2 | 18.2 | 23.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.00 | 8.00 | 8.00 | 1750 | 19.21 | 24.26 | 1160 | 14.07 | 17.15 | 870 | 11.10 | 13.33 | 690 | 9.12 | 10.84 | 12.4 | 17.4 | 22.9 |
| 1.00 | 8.50 | 8.50 | 1750 | 21.15 | 26.35 | 1160 | 15.52 | 18.65 | 870 | 12.24 | 14.50 | 690 | 10.05 | 11.79 | 11.6 | 16.6 | 22.1 |
| 1.00 | 9.00 | 9.00 | 1750 | 23.04 | 28.41 | 1160 | 16.95 | 20.14 | 870 | 13.38 | 15.66 | 690 | 10.98 | 12.74 | — | 15.9 | 21.4 |
| 1.00 | 9.25 | 9.25 | 1750 | 23.96 | 29.43 | 1160 | 17.66 | 20.89 | 870 | 13.94 | 16.24 | 690 | 11.44 | 13.21 | — | 15.5 | 21.0 |
| 1.00 | 9.75 | 9.75 | 1750 | 25.77 | 31.44 | 1160 | 19.06 | 22.36 | 870 | 15.06 | 17.39 | 690 | 12.36 | 14.15 | — | 14.7 | 20.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.00 | 10.30 | 10.30 | 1750 | 27.70 | 33.60 | 1160 | 20.59 | 23.96 | 870 | 16.27 | 18.65 | 690 | 13.36 | 15.17 | — | 13.8 | 19.3 |
| 1.00 | 10.90 | 10.90 | 1750 | 29.72 | 35.91 | 1160 | 22.22 | 25.69 | 870 | 17.59 | 20.01 | 690 | 14.44 | 16.28 | — | — | 18.4 |
| 1.00 | 11.30 | 11.30 | 1750 | 31.03 | 37.42 | 1160 | 23.29 | 26.83 | 870 | 18.46 | 20.91 | 690 | 15.16 | 17.02 | — | — | 17.8 |
| 1.00 | 11.80 | 11.80 | 1750 | 32.60 | 39.27 | 1160 | 24.61 | 28.24 | 870 | 19.53 | 22.03 | 690 | 16.05 | 17.94 | — | — | 17.0 |
| 1.00 | 12.50 | 12.50 | 1750 | 34.70 | 41.78 | 1160 | 26.43 | 30.19 | 870 | 21.02 | 23.58 | 690 | 17.29 | 19.21 | — | — | 15.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.00** | **0.88** | **0.91** |
| 1.00 | 13.20 | 13.20 | 1750 | 36.67 | 44.22 | 1160 | 28.20 | 32.12 | 870 | 22.49 | 25.12 | 690 | 18.51 | 20.48 | — | — | — |
| 1.00 | 14.00 | 14.00 | 1750 | 38.75 | 46.89 | 1160 | 30.17 | 34.28 | 870 | 24.14 | 26.87 | 690 | 19.90 | 21.91 | — | — | — |
| 1.00 | 15.00 | 15.00 | + | + | + | 1160 | 32.55 | 36.92 | 870 | 26.16 | 29.01 | 690 | 21.61 | 23.69 | — | — | — |
| 1.00 | 16.00 | 16.00 | + | + | + | 1160 | 34.83 | 39.50 | 870 | 28.14 | 31.13 | 690 | 23.29 | 25.45 | — | — | — |
| 1.03 | 9.00 | 9.25 | 1702 | 23.28 | 28.60 | 1128 | 17.12 | 20.27 | 846 | 13.50 | 15.75 | 671 | 11.07 | 12.81 | — | 15.7 | 21.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.00** | **0.88** | **0.91** |
| 1.04 | 10.90 | 11.30 | 1687 | 30.05 | 36.16 | 1119 | 22.43 | 25.85 | 839 | 17.75 | 20.13 | 665 | 14.57 | 16.38 | — | — | 18.1 |
| 1.04 | 11.30 | 11.80 | 1675 | 31.35 | 37.66 | 1110 | 23.50 | 26.99 | 833 | 18.62 | 21.03 | 661 | 15.29 | 17.12 | — | — | 17.4 |
| 1.05 | 4.65 | 4.90 | 1659 | 5.43 | 9.70 | 1100 | 4.15 | 6.90 | 825 | 3.37 | 5.41 | 654 | 2.83 | 4.43 | 17.5 | 22.5 | 28.0 |
| 1.05 | 9.25 | 9.75 | 1659 | 24.35 | 29.73 | 1100 | 17.92 | 21.09 | 825 | 14.13 | 16.39 | 654 | 11.59 | 13.33 | — | 15.1 | 20.6 |
| 1.06 | 4.40 | 4.65 | 1654 | 4.36 | 8.58 | 1096 | 3.40 | 6.13 | 822 | 2.79 | 4.82 | 652 | 2.36 | 3.96 | 17.9 | 22.9 | 28.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.06 | 4.90 | 5.20 | 1647 | 6.62 | 10.91 | 1092 | 4.98 | 7.74 | 819 | 4.01 | 6.05 | 649 | 3.35 | 4.95 | 17.1 | 22.1 | 27.6 |
| 1.06 | 5.20 | 5.50 | 1653 | 7.95 | 12.29 | 1096 | 5.92 | 8.70 | 822 | 4.74 | 6.79 | 652 | 3.94 | 5.55 | 16.6 | 21.6 | 27.1 |
| 1.06 | 6.30 | 6.70 | 1644 | 12.72 | 17.25 | 1090 | 9.31 | 12.16 | 817 | 7.37 | 9.46 | 648 | 6.07 | 7.70 | 14.8 | 19.8 | 25.3 |
| 1.06 | 6.70 | 7.10 | 1650 | 14.40 | 19.01 | 1094 | 10.52 | 13.40 | 820 | 8.31 | 10.42 | 651 | 6.84 | 8.48 | 14.2 | 19.2 | 24.7 |
| 1.06 | 7.10 | 7.50 | 1655 | 16.06 | 20.76 | 1097 | 11.72 | 14.64 | 823 | 9.25 | 11.37 | 653 | 7.60 | 9.25 | 13.5 | 18.5 | 24.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.06 | 8.00 | 8.50 | 1646 | 19.67 | 24.61 | 1091 | 14.37 | 17.38 | 818 | 11.33 | 13.50 | 649 | 9.30 | 10.98 | 12.0 | 17.0 | 22.5 |
| 1.06 | 8.50 | 9.00 | 1652 | 21.61 | 26.71 | 1095 | 15.83 | 18.89 | 821 | 12.47 | 14.67 | 651 | 10.23 | 11.93 | 11.3 | 16.3 | 21.8 |
| 1.06 | 9.75 | 10.30 | 1656 | 26.23 | 31.79 | 1097 | 19.37 | 22.59 | 823 | 15.29 | 17.56 | 653 | 12.54 | 14.28 | — | 14.3 | 19.8 |
| 1.06 | 10.30 | 10.90 | 1653 | 28.16 | 33.95 | 1096 | 20.89 | 24.19 | 822 | 16.50 | 18.82 | 652 | 13.54 | 15.31 | — | 13.3 | 18.8 |
| 1.06 | 11.80 | 12.50 | 1651 | 33.06 | 39.62 | 1095 | 24.92 | 28.47 | 821 | 19.76 | 22.21 | 651 | 16.23 | 18.08 | — | — | 16.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.06 | 12.50 | 13.20 | 1656 | 35.16 | 42.14 | 1098 | 26.73 | 30.43 | 824 | 21.25 | 23.76 | 653 | 17.47 | 19.35 | — | — | 15.3 |
| 1.06 | 13.20 | 14.00 | 1649 | 37.12 | 44.57 | 1093 | 28.50 | 32.35 | 820 | 22.72 | 25.30 | 650 | 18.69 | 20.62 | — | — | — |
| 1.07 | 5.50 | 5.90 | 1629 | 9.34 | 13.70 | 1080 | 6.89 | 9.68 | 810 | 5.49 | 7.55 | 642 | 4.55 | 6.16 | 16.0 | 21.0 | 26.5 |
| 1.07 | 5.90 | 6.30 | 1637 | 11.07 | 15.51 | 1085 | 8.13 | 10.94 | 814 | 6.45 | 8.52 | 645 | 5.32 | 6.94 | 15.4 | 20.4 | 25.9 |
| 1.07 | 7.50 | 8.00 | 1639 | 17.74 | 22.54 | 1087 | 12.95 | 15.90 | 815 | 10.21 | 12.35 | 646 | 8.38 | 10.04 | 12.8 | 17.8 | 23.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.07 | 14.00 | 15.00 | 1633 | 39.27 | 47.29 | 1082 | 30.51 | 34.55 | 812 | 24.40 | 27.06 | 644 | 20.10 | 22.07 | — | — | — |
| 1.07 | 15.00 | 16.00 | + | + | + | 1087 | 32.89 | 37.19 | 815 | 26.42 | 29.21 | 647 | 21.81 | 23.85 | — | — | — |
| 1.08 | 9.00 | 9.75 | 1614 | 23.62 | 28.86 | 1070 | 17.34 | 20.44 | 802 | 13.67 | 15.88 | 636 | 11.21 | 12.91 | — | 15.3 | 20.8 |
| 1.08 | 10.90 | 11.80 | 1615 | 30.31 | 36.36 | 1071 | 22.61 | 25.98 | 803 | 17.88 | 20.23 | 637 | 14.67 | 16.46 | — | — | 17.7 |
| 1.09 | 8.50 | 9.25 | 1607 | 21.79 | 26.85 | 1065 | 15.95 | 18.98 | 799 | 12.56 | 14.74 | 633 | 10.30 | 11.99 | 11.1 | 16.1 | 21.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.88** | **0.90** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 33.1 | 38.1 | 43.1 | 49.1 | 55.6 | 59.1 | 63.1 | 73.1 | 83.1 | 93.1 | 105.1 | 118.1 | 133.1 | 150.6 | 170.6 | 4.40 | 4.40 | 1.00 |
| 32.7 | 37.7 | 42.7 | 48.7 | 55.2 | 58.7 | 62.7 | 72.7 | 82.7 | 92.7 | 104.7 | 117.7 | 132.7 | 150.2 | 170.2 | 4.65 | 4.65 | 1.00 |
| 32.3 | 37.3 | 42.3 | 48.3 | 54.8 | 58.3 | 62.3 | 72.3 | 82.3 | 92.3 | 104.3 | 117.3 | 132.3 | 149.8 | 169.8 | 4.90 | 4.90 | 1.00 |
| 31.8 | 36.8 | 41.8 | 47.8 | 54.3 | 57.8 | 61.8 | 71.8 | 81.8 | 91.8 | 103.8 | 116.8 | 131.8 | 149.3 | 169.3 | 5.20 | 5.20 | 1.00 |
| 31.4 | 36.4 | 41.4 | 47.4 | 53.9 | 57.4 | 61.4 | 71.4 | 81.4 | 91.4 | 103.4 | 116.4 | 131.4 | 148.9 | 168.9 | 5.50 | 5.50 | 1.00 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 30.7 | 35.7 | 40.7 | 46.7 | 53.2 | 56.7 | 60.7 | 70.7 | 80.7 | 90.7 | 102.7 | 115.7 | 130.7 | 148.2 | 168.2 | 5.90 | 5.90 | 1.00 |
| 30.1 | 35.1 | 40.1 | 46.1 | 52.6 | 56.1 | 60.1 | 70.1 | 80.1 | 90.1 | 102.1 | 115.1 | 130.1 | 147.6 | 167.6 | 6.30 | 6.30 | 1.00 |
| 29.5 | 34.5 | 39.5 | 45.5 | 52.0 | 55.5 | 59.5 | 69.5 | 79.5 | 89.5 | 101.5 | 114.5 | 129.5 | 147.0 | 167.0 | 6.70 | 6.70 | 1.00 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.8 | 78.8 | 88.8 | 100.8 | 113.8 | 128.8 | 146.3 | 166.3 | 7.10 | 7.10 | 1.00 |
| 28.2 | 33.2 | 38.2 | 44.2 | 50.7 | 54.2 | 58.2 | 68.2 | 78.2 | 88.2 | 102.1 | 113.2 | 128.2 | 145.7 | 165.7 | 7.50 | 7.50 | 1.00 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 27.4 | 32.4 | 37.4 | 43.4 | 49.9 | 53.4 | 57.4 | 67.4 | 77.4 | 87.4 | 99.4 | 112.4 | 127.4 | 144.9 | 164.9 | 8.00 | 8.00 | 1.00 |
| 26.6 | 31.6 | 36.6 | 42.6 | 49.1 | 52.6 | 56.6 | 66.6 | 76.6 | 86.6 | 98.6 | 111.6 | 126.6 | 144.1 | 164.1 | 8.50 | 8.50 | 1.00 |
| 25.9 | 30.9 | 35.9 | 41.9 | 48.4 | 51.9 | 55.9 | 65.9 | 75.9 | 85.9 | 97.9 | 110.9 | 125.9 | 143.4 | 163.4 | 9.00 | 9.00 | 1.00 |
| 25.5 | 30.5 | 35.5 | 41.5 | 48.0 | 51.5 | 55.5 | 65.5 | 75.5 | 85.5 | 97.5 | 110.5 | 125.5 | 143.0 | 163.0 | 9.25 | 9.25 | 1.00 |
| 24.7 | 29.7 | 34.7 | 40.7 | 47.2 | 50.7 | 54.7 | 64.7 | 74.7 | 84.7 | 96.7 | 109.7 | 124.7 | 142.2 | 162.2 | 9.75 | 9.75 | 1.00 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 23.8 | 28.8 | 33.8 | 39.8 | 46.3 | 49.8 | 53.8 | 63.8 | 73.8 | 83.8 | 95.8 | 108.8 | 123.8 | 141.3 | 161.3 | 10.30 | 10.30 | 1.00 |
| 22.9 | 27.9 | 32.9 | 38.9 | 45.4 | 48.9 | 52.9 | 62.9 | 72.9 | 82.9 | 94.9 | 107.9 | 122.9 | 140.4 | 160.4 | 10.90 | 10.90 | 1.00 |
| 22.3 | 27.3 | 32.3 | 38.3 | 44.8 | 48.3 | 52.3 | 62.3 | 72.3 | 82.3 | 94.3 | 107.3 | 122.2 | 139.8 | 159.7 | 11.30 | 11.30 | 1.00 |
| 21.5 | 26.5 | 31.5 | 37.5 | 44.0 | 47.5 | 51.5 | 61.5 | 71.5 | 81.5 | 93.5 | 106.5 | 121.5 | 139.0 | 159.0 | 11.80 | 11.80 | 1.00 |
| 20.4 | 25.4 | 30.4 | 36.4 | 42.9 | 46.4 | 50.4 | 60.4 | 70.4 | 80.4 | 92.4 | 105.4 | 120.4 | 137.9 | 157.9 | 12.50 | 12.50 | 1.00 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.3 | 24.3 | 29.3 | 35.3 | 41.8 | 45.3 | 49.3 | 59.3 | 69.3 | 79.3 | 91.3 | 104.3 | 119.3 | 136.8 | 156.8 | 13.20 | 13.20 | 1.00 |
| 18.0 | 23.0 | 28.0 | 34.0 | 40.5 | 44.0 | 48.0 | 58.0 | 68.0 | 78.0 | 90.0 | 103.0 | 118.0 | 135.5 | 155.5 | 14.00 | 14.00 | 1.00 |
| — | 21.4 | 26.4 | 32.4 | 38.9 | 42.4 | 46.4 | 56.4 | 66.4 | 76.4 | 88.4 | 101.4 | 116.4 | 133.9 | 153.9 | 15.00 | 15.00 | 1.00 |
| — | 19.9 | 24.9 | 30.9 | 37.4 | 40.9 | 44.9 | 54.9 | 64.9 | 74.9 | 86.9 | 99.9 | 114.9 | 132.4 | 152.4 | 16.00 | 16.00 | 1.00 |
| 25.7 | 30.7 | 35.7 | 41.7 | 48.2 | 51.7 | 55.7 | 65.7 | 75.7 | 85.7 | 97.7 | 110.7 | 125.7 | 143.2 | 163.2 | 9.00 | 9.25 | 1.03 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 22.6 | 27.6 | 32.6 | 38.6 | 45.1 | 48.6 | 52.6 | 62.6 | 72.6 | 82.6 | 94.6 | 107.6 | 122.6 | 140.1 | 160.1 | 10.90 | 11.30 | 1.04 |
| 21.9 | 26.9 | 31.9 | 37.9 | 44.4 | 47.9 | 51.9 | 61.9 | 71.9 | 81.9 | 93.9 | 106.9 | 121.9 | 139.4 | 159.4 | 11.30 | 11.80 | 1.04 |
| 32.5 | 37.5 | 42.5 | 48.5 | 55.0 | 58.5 | 62.5 | 72.5 | 82.5 | 92.5 | 104.5 | 117.5 | 132.5 | 150.0 | 170.0 | 4.65 | 4.90 | 1.05 |
| 25.1 | 30.1 | 35.1 | 41.1 | 47.6 | 51.1 | 55.1 | 65.1 | 75.1 | 85.1 | 97.1 | 110.1 | 125.1 | 142.6 | 162.6 | 9.25 | 9.75 | 1.05 |
| 32.9 | 37.9 | 42.9 | 48.9 | 55.4 | 58.9 | 62.9 | 72.9 | 82.9 | 92.9 | 104.9 | 117.9 | 132.9 | 150.4 | 170.4 | 4.40 | 4.65 | 1.06 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 32.1 | 37.1 | 42.1 | 48.1 | 54.6 | 58.1 | 62.1 | 72.1 | 82.1 | 92.1 | 104.1 | 117.1 | 132.1 | 149.6 | 169.6 | 4.90 | 5.20 | 1.06 |
| 31.6 | 36.6 | 41.6 | 47.6 | 54.1 | 57.6 | 61.6 | 71.6 | 81.6 | 91.6 | 103.6 | 116.6 | 131.6 | 149.1 | 169.1 | 5.20 | 5.50 | 1.06 |
| 29.8 | 34.8 | 39.8 | 45.8 | 52.3 | 55.8 | 59.8 | 69.8 | 79.8 | 89.8 | 101.8 | 114.8 | 129.8 | 147.3 | 167.3 | 6.30 | 6.70 | 1.06 |
| 29.2 | 34.2 | 39.2 | 45.2 | 51.7 | 55.2 | 59.2 | 69.2 | 79.2 | 89.2 | 101.2 | 114.2 | 129.2 | 146.7 | 166.7 | 6.70 | 7.10 | 1.06 |
| 28.5 | 33.5 | 38.5 | 44.5 | 51.0 | 54.5 | 58.5 | 68.5 | 78.5 | 88.5 | 100.5 | 113.5 | 128.5 | 146.0 | 166.0 | 7.10 | 7.50 | 1.06 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 27.0 | 32.0 | 37.0 | 43.0 | 49.5 | 53.0 | 57.0 | 67.0 | 77.0 | 87.0 | 99.0 | 112.0 | 127.0 | 144.5 | 164.5 | 8.00 | 8.50 | 1.06 |
| 26.3 | 31.3 | 36.3 | 42.3 | 48.8 | 52.3 | 56.3 | 66.3 | 76.3 | 86.3 | 98.3 | 111.3 | 126.3 | 143.8 | 163.8 | 8.50 | 9.00 | 1.06 |
| 24.3 | 29.3 | 34.3 | 40.3 | 46.8 | 50.3 | 54.3 | 64.3 | 74.3 | 84.3 | 96.3 | 109.3 | 124.3 | 141.8 | 161.8 | 9.75 | 10.30 | 1.06 |
| 23.3 | 28.3 | 33.3 | 39.3 | 45.8 | 49.3 | 53.3 | 63.3 | 73.3 | 83.3 | 95.3 | 108.3 | 123.3 | 140.8 | 160.8 | 10.30 | 10.90 | 1.06 |
| 20.9 | 25.9 | 30.9 | 36.9 | 43.4 | 46.9 | 50.9 | 60.9 | 70.9 | 80.9 | 92.9 | 105.9 | 120.9 | 138.4 | 158.4 | 11.80 | 12.50 | 1.06 |
| **0.93** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.8 | 24.8 | 29.8 | 35.8 | 42.3 | 45.8 | 49.8 | 59.8 | 69.8 | 79.8 | 91.8 | 104.8 | 119.8 | 137.3 | 157.3 | 12.50 | 13.20 | 1.06 |
| 18.6 | 23.6 | 28.6 | 34.6 | 41.1 | 44.6 | 48.6 | 58.6 | 68.6 | 78.6 | 90.6 | 103.6 | 118.6 | 136.1 | 156.1 | 13.20 | 14.00 | 1.06 |
| 31.0 | 36.0 | 41.0 | 47.0 | 53.5 | 57.0 | 61.0 | 71.0 | 81.0 | 91.0 | 103.0 | 116.0 | 131.0 | 148.5 | 168.5 | 5.50 | 5.90 | 1.07 |
| 30.4 | 35.4 | 40.4 | 46.4 | 52.9 | 56.4 | 60.4 | 70.4 | 80.4 | 90.4 | 102.4 | 115.4 | 130.4 | 147.9 | 167.9 | 5.90 | 6.30 | 1.07 |
| 27.8 | 32.8 | 37.8 | 43.8 | 50.3 | 53.8 | 57.8 | 67.8 | 77.8 | 87.8 | 99.8 | 112.8 | 127.8 | 145.3 | 165.3 | 7.50 | 8.00 | 1.07 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 17.2 | 22.2 | 27.2 | 33.2 | 39.7 | 43.2 | 47.2 | 57.2 | 67.2 | 77.2 | 89.2 | 102.2 | 117.2 | 134.7 | 154.7 | 14.00 | 15.00 | 1.07 |
| — | 20.6 | 25.6 | 31.6 | 38.1 | 41.6 | 45.6 | 55.7 | 65.7 | 75.7 | 87.7 | 100.7 | 115.7 | 133.2 | 153.2 | 15.00 | 16.00 | 1.07 |
| 25.3 | 30.3 | 35.3 | 41.3 | 47.8 | 51.3 | 55.3 | 65.3 | 75.3 | 85.3 | 97.3 | 110.3 | 125.3 | 142.8 | 162.8 | 9.00 | 9.75 | 1.08 |
| 22.2 | 27.2 | 32.2 | 38.2 | 44.7 | 48.2 | 52.2 | 62.2 | 72.2 | 82.2 | 94.2 | 107.2 | 122.2 | 139.7 | 159.7 | 10.90 | 11.80 | 1.08 |
| 26.1 | 31.1 | 36.1 | 42.1 | 48.6 | 52.1 | 56.1 | 66.1 | 76.1 | 86.1 | 98.1 | 111.1 | 126.1 | 143.6 | 163.6 | 8.50 | 9.25 | 1.09 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.10 | 10.30 | 11.30 | 1594 | 28.40 | 34.14 | 1056 | 21.05 | 24.31 | 792 | 16.62 | 18.91 | 628 | 13.63 | 15.38 | — | 13.0 | 18.5 |
| 1.11 | 9.25 | 10.30 | 1570 | 24.71 | 30.01 | 1041 | 18.16 | 21.27 | 780 | 14.31 | 16.52 | 619 | 11.73 | 13.44 | — | 14.6 | 20.1 |
| 1.11 | 11.30 | 12.50 | 1581 | 31.78 | 37.99 | 1048 | 23.79 | 27.21 | 786 | 18.83 | 21.20 | 623 | 15.46 | 17.25 | — | — | 16.8 |
| 1.12 | 4.40 | 4.90 | 1568 | 4.70 | 8.84 | 1039 | 3.62 | 6.31 | 779 | 2.96 | 4.95 | 618 | 2.49 | 4.06 | 17.7 | 22.7 | 28.2 |
| 1.12 | 4.65 | 5.20 | 1561 | 5.83 | 10.01 | 1035 | 4.42 | 7.11 | 776 | 3.57 | 5.57 | 616 | 2.99 | 4.56 | 17.3 | 22.3 | 27.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.12 | 4.90 | 5.50 | 1556 | 6.96 | 11.17 | 1031 | 5.20 | 7.91 | 773 | 4.18 | 6.18 | 613 | 3.48 | 5.06 | 16.8 | 21.8 | 27.3 |
| 1.12 | 6.70 | 7.50 | 1561 | 14.74 | 19.28 | 1035 | 10.74 | 13.58 | 776 | 8.48 | 10.55 | 615 | 6.97 | 8.58 | 13.8 | 18.8 | 24.3 |
| 1.12 | 9.75 | 10.90 | 1564 | 26.57 | 32.05 | 1036 | 19.59 | 22.76 | 777 | 15.45 | 17.70 | 617 | 12.67 | 14.39 | — | 13.8 | 19.3 |
| 1.12 | 11.80 | 13.20 | 1563 | 33.40 | 39.88 | 1036 | 25.14 | 28.65 | 777 | 19.93 | 22.34 | 616 | 16.37 | 18.18 | — | — | 15.8 |
| 1.12 | 12.50 | 14.00 | 1561 | 35.50 | 42.40 | 1035 | 26.96 | 30.60 | 776 | 21.42 | 23.89 | 616 | 17.60 | 19.46 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.13 | 6.30 | 7.10 | 1550 | 13.11 | 17.55 | 1027 | 9.57 | 12.36 | 771 | 7.56 | 9.61 | 611 | 6.22 | 7.82 | 14.5 | 19.5 | 25.0 |
| 1.13 | 7.10 | 8.00 | 1551 | 16.44 | 21.06 | 1028 | 11.98 | 14.84 | 771 | 9.44 | 11.52 | 611 | 7.75 | 9.37 | 13.1 | 18.1 | 23.6 |
| 1.13 | 8.00 | 9.00 | 1553 | 20.06 | 24.91 | 1030 | 14.63 | 17.58 | 772 | 11.52 | 13.65 | 612 | 9.45 | 11.10 | 11.6 | 16.6 | 22.1 |
| 1.14 | 5.20 | 5.90 | 1539 | 8.39 | 12.62 | 1020 | 6.21 | 8.92 | 765 | 4.95 | 6.95 | 607 | 4.11 | 5.68 | 16.3 | 21.3 | 26.8 |
| 1.14 | 5.90 | 6.70 | 1538 | 11.44 | 15.79 | 1019 | 8.37 | 11.13 | 765 | 6.63 | 8.66 | 606 | 5.47 | 7.06 | 15.1 | 20.1 | 25.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.90** |
| 1.14 | 7.50 | 8.50 | 1542 | 18.11 | 22.82 | 1022 | 13.19 | 16.08 | 766 | 10.39 | 12.49 | 608 | 8.53 | 10.16 | 12.4 | 17.4 | 22.9 |
| 1.14 | 13.20 | 15.00 | 1539 | 37.56 | 44.90 | 1020 | 28.79 | 32.57 | 765 | 22.93 | 25.47 | 607 | 18.87 | 20.75 | — | — | — |
| 1.14 | 14.00 | 16.00 | 1530 | 39.64 | 47.58 | 1014 | 30.76 | 34.73 | 761 | 24.58 | 27.21 | 603 | 20.25 | 22.19 | — | — | — |
| 1.15 | 5.50 | 6.30 | 1524 | 9.75 | 14.02 | 1010 | 7.17 | 9.89 | 758 | 5.70 | 7.70 | 601 | 4.71 | 6.28 | 15.7 | 20.7 | 26.2 |
| 1.15 | 8.50 | 9.75 | 1523 | 22.08 | 27.07 | 1010 | 16.14 | 19.13 | 757 | 12.71 | 14.85 | 601 | 10.42 | 12.08 | — | 15.7 | 21.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.15 | 9.00 | 10.30 | 1527 | 23.97 | 29.13 | 1012 | 17.57 | 20.62 | 759 | 13.84 | 16.02 | 602 | 11.35 | 13.02 | — | 14.8 | 20.3 |
| 1.15 | 10.30 | 11.80 | 1526 | 28.64 | 34.32 | 1011 | 21.21 | 24.43 | 758 | 16.74 | 19.00 | 602 | 13.73 | 15.45 | — | — | 18.1 |
| 1.15 | 10.90 | 12.50 | 1524 | 30.66 | 36.63 | 1010 | 22.84 | 26.16 | 758 | 18.05 | 20.37 | 601 | 14.81 | 16.57 | — | — | 17.1 |
| 1.16 | 8.00 | 9.25 | 1511 | 20.18 | 25.01 | 1002 | 14.72 | 17.65 | 751 | 11.59 | 13.70 | 596 | 9.50 | 11.14 | 11.4 | 16.4 | 21.9 |
| 1.16 | 9.75 | 11.30 | 1508 | 26.75 | 32.19 | 999 | 19.71 | 22.85 | 750 | 15.54 | 17.76 | 595 | 12.74 | 14.44 | — | 13.4 | 19.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.17 | 11.30 | 13.20 | 1496 | 32.04 | 38.20 | 992 | 23.96 | 27.34 | 744 | 18.96 | 21.30 | 590 | 15.56 | 17.33 | — | — | 16.2 |
| 1.17 | 16.00 | 18.70 | + | + | + | 992 | 35.50 | 40.02 | 744 | 28.64 | 31.52 | 590 | 23.69 | 25.76 | — | — | — |
| 1.18 | 9.25 | 10.90 | 1483 | 25.01 | 30.24 | 983 | 18.36 | 21.42 | 737 | 14.46 | 16.64 | 585 | 11.85 | 13.53 | — | 14.2 | 19.7 |
| 1.19 | 4.40 | 5.20 | 1475 | 4.99 | 9.07 | 978 | 3.82 | 6.45 | 734 | 3.10 | 5.06 | 582 | 2.61 | 4.15 | 17.5 | 22.5 | 28.0 |
| 1.19 | 4.65 | 5.50 | 1475 | 6.12 | 10.23 | 977 | 4.61 | 7.26 | 733 | 3.71 | 5.68 | 581 | 3.10 | 4.65 | 17.0 | 22.0 | 27.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.85** | **0.88** | **0.91** |
| 1.19 | 6.30 | 7.50 | 1466 | 13.35 | 17.73 | 972 | 9.73 | 12.48 | 729 | 7.68 | 9.70 | 578 | 6.32 | 7.90 | 14.1 | 19.2 | 24.7 |
| 1.19 | 11.80 | 14.00 | 1473 | 33.69 | 41.10 | 976 | 25.33 | 28.79 | 732 | 20.07 | 22.45 | 581 | 16.48 | 18.27 | — | — | 15.2 |
| 1.20 | 6.70 | 8.00 | 1462 | 15.07 | 19.52 | 969 | 10.96 | 13.74 | 727 | 8.64 | 10.67 | 576 | 7.10 | 8.68 | 13.4 | 18.4 | 23.9 |
| 1.20 | 7.10 | 8.50 | 1458 | 16.72 | 21.27 | 967 | 12.16 | 14.98 | 725 | 9.58 | 11.63 | 575 | 7.86 | 9.46 | 12.7 | 17.7 | 23.2 |
| 1.20 | 7.50 | 9.00 | 1455 | 18.34 | 23.00 | 964 | 13.35 | 16.20 | 723 | 10.51 | 12.58 | 574 | 8.62 | 10.22 | 12.0 | 17.0 | 22.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.20 | 12.50 | 15.00 | 1456 | 35.82 | 42.65 | 965 | 27.17 | 30.76 | 724 | 21.58 | 24.01 | 574 | 17.73 | 19.55 | — | — | — |
| 1.21 | 4.90 | 5.90 | 1448 | 7.31 | 11.44 | 960 | 5.44 | 8.10 | 720 | 4.36 | 6.32 | 571 | 3.62 | 5.16 | 16.5 | 21.5 | 27.0 |
| 1.21 | 5.90 | 7.10 | 1450 | 11.71 | 16.00 | 961 | 8.55 | 11.27 | 721 | 6.76 | 8.76 | 572 | 5.57 | 7.13 | 14.8 | 19.8 | 25.3 |
| 1.21 | 8.50 | 10.30 | 1441 | 22.30 | 27.24 | 955 | 16.29 | 19.24 | 716 | 12.82 | 14.94 | 568 | 10.50 | 12.14 | — | 15.2 | 20.7 |
| 1.21 | 9.00 | 10.90 | 1442 | 24.19 | 29.30 | 956 | 17.72 | 20.73 | 717 | 13.95 | 16.10 | 569 | 11.43 | 13.09 | — | 14.3 | 19.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.88** | **0.90** |
| 1.21 | 9.75 | 11.80 | 1443 | 26.93 | 32.32 | 957 | 19.83 | 22.94 | 718 | 15.63 | 17.83 | 569 | 12.81 | 14.50 | — | 13.0 | 18.5 |
| 1.21 | 10.90 | 13.20 | 1443 | 30.88 | 36.80 | 956 | 22.98 | 26.27 | 717 | 18.16 | 20.45 | 569 | 14.90 | 16.63 | — | — | 16.5 |
| 1.21 | 13.20 | 16.00 | 1442 | 37.82 | 45.10 | 956 | 28.96 | 32.71 | 717 | 23.06 | 25.57 | 568 | 18.97 | 20.83 | — | — | — |
| 1.22 | 5.20 | 6.30 | 1440 | 8.68 | 12.84 | 954 | 6.40 | 9.07 | 716 | 5.10 | 7.07 | 568 | 4.22 | 5.77 | 16.0 | 21.0 | 26.5 |
| 1.22 | 5.50 | 6.70 | 1432 | 10.00 | 14.21 | 949 | 7.33 | 10.02 | 712 | 5.82 | 7.80 | 565 | 4.81 | 6.36 | 15.4 | 20.3 | 25.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.88** | **0.90** |
| 1.22 | 8.00 | 9.75 | 1433 | 20.39 | 25.17 | 950 | 14.86 | 17.75 | 712 | 11.69 | 13.78 | 565 | 9.58 | 11.20 | — | 16.0 | 21.5 |
| 1.22 | 9.25 | 11.30 | 1430 | 25.15 | 30.34 | 948 | 18.45 | 21.49 | 711 | 14.53 | 16.69 | 564 | 11.91 | 13.57 | — | 13.8 | 19.3 |
| 1.22 | 10.30 | 12.50 | 1440 | 28.89 | 34.51 | 954 | 21.37 | 24.56 | 716 | 16.86 | 19.10 | 568 | 13.83 | 15.53 | — | — | 17.6 |
| 1.24 | 7.50 | 9.25 | 1415 | 18.46 | 23.09 | 938 | 13.43 | 16.26 | 704 | 10.57 | 12.62 | 558 | 8.67 | 10.26 | 11.8 | 16.8 | 22.3 |
| 1.24 | 11.30 | 14.00 | 1410 | 32.27 | 38.37 | 935 | 24.11 | 27.46 | 701 | 19.08 | 21.39 | 556 | 15.65 | 17.40 | — | — | 15.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.87** | **0.90** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 23.0 | 28.0 | 33.0 | 39.0 | 45.5 | 49.0 | 53.0 | 63.0 | 73.0 | 83.0 | 95.0 | 108.0 | 123.0 | 140.5 | 160.5 | 10.30 | 11.30 | 1.10 |
| 24.6 | 29.6 | 34.6 | 40.6 | 47.1 | 50.6 | 54.6 | 64.6 | 74.6 | 84.6 | 96.6 | 109.6 | 124.6 | 142.1 | 162.1 | 9.25 | 10.30 | 1.11 |
| 21.3 | 26.3 | 31.3 | 37.3 | 43.8 | 47.3 | 51.3 | 61.3 | 71.3 | 81.3 | 93.3 | 106.3 | 121.3 | 138.8 | 158.8 | 11.30 | 12.50 | 1.11 |
| 32.7 | 37.7 | 42.7 | 48.7 | 55.2 | 58.7 | 62.7 | 72.7 | 82.7 | 92.7 | 104.7 | 117.7 | 132.7 | 150.2 | 170.2 | 4.40 | 4.90 | 1.12 |
| 32.3 | 37.3 | 42.3 | 48.3 | 54.8 | 58.3 | 62.3 | 72.3 | 82.3 | 92.3 | 104.3 | 117.3 | 132.3 | 149.8 | 169.8 | 4.65 | 5.20 | 1.12 |
| **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 31.8 | 36.8 | 41.8 | 47.8 | 54.3 | 57.8 | 61.8 | 71.8 | 81.8 | 91.8 | 103.8 | 116.8 | 131.8 | 149.3 | 169.3 | 4.90 | 5.50 | 1.12 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.8 | 78.8 | 88.8 | 100.8 | 113.8 | 128.8 | 146.3 | 166.3 | 6.70 | 7.50 | 1.12 |
| 23.8 | 28.8 | 33.8 | 39.8 | 46.3 | 49.8 | 53.8 | 63.8 | 73.8 | 83.8 | 95.8 | 108.8 | 123.8 | 141.3 | 161.3 | 9.75 | 10.90 | 1.12 |
| 20.4 | 25.4 | 30.4 | 36.4 | 42.9 | 46.4 | 50.4 | 60.4 | 70.4 | 80.4 | 92.4 | 105.4 | 120.4 | 137.9 | 157.9 | 11.80 | 13.20 | 1.12 |
| 19.2 | 24.2 | 29.2 | 35.2 | 41.7 | 45.2 | 49.2 | 59.2 | 69.2 | 79.2 | 91.2 | 104.2 | 119.2 | 136.7 | 156.7 | 12.50 | 14.00 | 1.12 |
| **0.93** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 29.5 | 34.5 | 39.5 | 45.5 | 52.0 | 55.5 | 59.5 | 69.5 | 79.5 | 89.5 | 101.5 | 114.5 | 129.5 | 147.0 | 167.0 | 6.30 | 7.10 | 1.13 |
| 28.1 | 33.1 | 38.1 | 44.1 | 50.6 | 54.1 | 58.1 | 68.1 | 78.1 | 88.1 | 100.1 | 113.1 | 128.1 | 145.6 | 165.6 | 7.10 | 8.00 | 1.13 |
| 26.6 | 31.6 | 36.6 | 42.6 | 49.1 | 52.6 | 56.6 | 66.6 | 76.6 | 86.6 | 98.6 | 111.6 | 126.6 | 144.1 | 164.1 | 8.00 | 9.00 | 1.13 |
| 31.3 | 36.3 | 41.3 | 47.3 | 53.8 | 57.3 | 61.3 | 71.3 | 81.3 | 91.3 | 103.3 | 116.3 | 131.3 | 148.8 | 168.8 | 5.50 | 5.90 | 1.14 |
| 30.1 | 35.1 | 40.1 | 46.1 | 52.6 | 56.1 | 60.1 | 70.1 | 80.1 | 90.1 | 102.1 | 115.1 | 130.1 | 147.6 | 167.6 | 5.90 | 6.70 | 1.14 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 27.4 | 32.4 | 37.4 | 43.4 | 49.9 | 53.4 | 57.4 | 67.4 | 77.4 | 87.4 | 99.4 | 112.4 | 127.4 | 144.9 | 164.9 | 7.50 | 8.50 | 1.14 |
| 17.8 | 22.8 | 27.8 | 33.8 | 40.3 | 43.8 | 47.8 | 57.8 | 67.8 | 77.8 | 89.8 | 102.8 | 117.8 | 135.3 | 155.3 | 13.20 | 15.00 | 1.14 |
| — | 21.4 | 26.4 | 32.4 | 38.9 | 42.4 | 46.4 | 56.4 | 66.4 | 76.4 | 88.4 | 101.4 | 116.4 | 133.9 | 153.9 | 14.00 | 16.00 | 1.14 |
| 30.7 | 35.7 | 40.7 | 46.7 | 53.2 | 56.7 | 60.7 | 70.7 | 80.7 | 90.7 | 102.7 | 115.7 | 130.7 | 148.2 | 168.2 | 5.50 | 6.30 | 1.15 |
| 25.7 | 30.7 | 35.7 | 41.7 | 48.2 | 51.7 | 55.7 | 65.7 | 75.7 | 85.7 | 97.7 | 110.7 | 125.7 | 143.2 | 163.2 | 8.50 | 9.75 | 1.15 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 24.8 | 29.8 | 34.8 | 40.8 | 47.3 | 50.8 | 54.8 | 64.8 | 74.8 | 84.8 | 96.8 | 109.8 | 124.8 | 142.3 | 162.3 | 9.00 | 10.30 | 1.15 |
| 22.6 | 27.6 | 32.6 | 38.6 | 45.1 | 48.6 | 52.6 | 62.6 | 72.6 | 82.6 | 94.6 | 107.6 | 122.6 | 140.1 | 160.1 | 10.30 | 11.80 | 1.15 |
| 21.6 | 26.6 | 31.6 | 37.6 | 44.1 | 47.6 | 51.6 | 61.6 | 71.6 | 81.6 | 93.6 | 106.6 | 121.6 | 139.1 | 159.1 | 10.90 | 12.50 | 1.15 |
| 26.4 | 31.4 | 36.4 | 42.4 | 48.9 | 52.4 | 56.4 | 66.4 | 76.4 | 86.4 | 98.4 | 111.5 | 126.5 | 144.0 | 164.0 | 8.00 | 9.25 | 1.16 |
| 23.5 | 28.5 | 33.5 | 39.5 | 46.0 | 49.5 | 53.5 | 63.5 | 73.5 | 83.5 | 95.5 | 108.5 | 123.5 | 141.0 | 161.0 | 9.75 | 11.30 | 1.16 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 20.7 | 25.7 | 30.7 | 36.7 | 43.2 | 46.7 | 50.7 | 60.8 | 70.8 | 80.8 | 92.8 | 105.8 | 120.8 | 138.3 | 158.3 | 11.30 | 13.20 | 1.17 |
| — | — | 22.7 | 28.7 | 35.2 | 38.7 | 42.7 | 52.7 | 62.7 | 72.7 | 84.7 | 97.7 | 112.7 | 130.2 | 150.2 | 16.00 | 18.70 | 1.17 |
| 24.2 | 29.2 | 34.2 | 40.2 | 46.7 | 50.2 | 54.2 | 64.2 | 74.2 | 84.2 | 96.2 | 109.2 | 124.2 | 141.7 | 161.7 | 9.25 | 10.90 | 1.18 |
| 32.5 | 37.5 | 42.5 | 48.5 | 55.0 | 58.5 | 62.5 | 72.5 | 82.5 | 92.5 | 104.5 | 117.5 | 132.5 | 150.0 | 170.0 | 4.40 | 5.20 | 1.19 |
| 32.0 | 37.0 | 42.0 | 48.0 | 54.5 | 58.0 | 62.0 | 72.0 | 82.0 | 92.0 | 104.0 | 117.0 | 132.0 | 149.5 | 169.5 | 4.65 | 5.50 | 1.19 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 29.2 | 34.2 | 39.2 | 45.2 | 51.7 | 55.2 | 59.2 | 69.2 | 79.2 | 89.2 | 101.2 | 114.2 | 129.2 | 146.7 | 166.7 | 6.30 | 7.50 | 1.19 |
| 19.7 | 24.7 | 29.7 | 35.7 | 42.2 | 45.7 | 49.7 | 59.7 | 69.7 | 79.7 | 91.7 | 104.7 | 119.7 | 137.2 | 157.2 | 11.80 | 14.00 | 1.19 |
| 28.4 | 33.4 | 38.4 | 44.4 | 51.0 | 54.5 | 58.5 | 68.5 | 78.5 | 88.5 | 100.5 | 113.5 | 128.5 | 146.0 | 166.0 | 6.70 | 8.00 | 1.20 |
| 27.7 | 32.7 | 37.7 | 43.7 | 50.2 | 53.7 | 57.7 | 67.7 | 77.7 | 87.7 | 99.7 | 112.7 | 127.7 | 145.2 | 165.2 | 7.10 | 8.50 | 1.20 |
| 27.0 | 32.0 | 37.0 | 43.0 | 49.5 | 53.0 | 57.0 | 67.0 | 77.0 | 87.0 | 99.0 | 112.0 | 127.0 | 144.5 | 164.5 | 7.50 | 9.00 | 1.20 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 18.4 | 23.4 | 28.4 | 34.4 | 40.9 | 44.4 | 48.4 | 58.4 | 68.4 | 78.4 | 90.4 | 103.4 | 118.4 | 135.9 | 155.9 | 12.50 | 15.00 | 1.20 |
| 31.5 | 36.5 | 41.5 | 47.5 | 54.0 | 57.5 | 61.5 | 71.5 | 81.5 | 91.5 | 103.5 | 116.5 | 131.5 | 149.0 | 169.0 | 4.90 | 5.90 | 1.21 |
| 29.8 | 34.8 | 39.8 | 45.8 | 52.3 | 55.8 | 59.8 | 69.8 | 79.8 | 89.8 | 101.8 | 114.8 | 129.8 | 147.3 | 167.3 | 5.90 | 7.10 | 1.21 |
| 25.2 | 30.2 | 35.2 | 41.2 | 47.7 | 51.2 | 55.2 | 65.2 | 75.2 | 85.2 | 97.2 | 110.2 | 125.2 | 142.7 | 162.7 | 8.50 | 10.30 | 1.21 |
| 24.4 | 29.4 | 34.4 | 40.4 | 46.9 | 50.4 | 54.4 | 64.4 | 74.4 | 84.4 | 96.4 | 109.4 | 124.4 | 141.9 | 161.9 | 9.00 | 10.90 | 1.21 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 23.1 | 28.1 | 33.1 | 39.1 | 45.6 | 49.1 | 53.1 | 63.1 | 73.1 | 83.1 | 95.1 | 108.1 | 123.1 | 140.6 | 160.6 | 9.75 | 11.80 | 1.21 |
| 21.0 | 26.0 | 31.1 | 37.1 | 43.6 | 47.1 | 51.1 | 61.1 | 71.1 | 81.1 | 93.1 | 106.1 | 121.1 | 138.6 | 158.6 | 10.90 | 13.20 | 1.21 |
| 17.0 | 22.0 | 27.0 | 33.0 | 39.5 | 43.0 | 47.0 | 57.0 | 67.1 | 77.1 | 89.1 | 102.1 | 117.1 | 134.6 | 154.6 | 13.20 | 16.00 | 1.21 |
| 31.0 | 36.0 | 41.0 | 47.0 | 53.5 | 57.0 | 61.0 | 71.0 | 81.0 | 91.0 | 103.0 | 116.0 | 131.0 | 148.5 | 168.5 | 5.20 | 6.30 | 1.22 |
| 30.4 | 35.4 | 40.4 | 46.4 | 52.9 | 56.4 | 60.4 | 70.4 | 80.4 | 90.4 | 102.4 | 115.4 | 130.4 | 147.9 | 167.9 | 5.50 | 6.70 | 1.22 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 26.0 | 31.0 | 36.0 | 42.1 | 48.6 | 52.1 | 56.1 | 66.1 | 76.1 | 86.1 | 98.1 | 111.1 | 126.1 | 143.6 | 163.6 | 8.00 | 9.75 | 1.22 |
| 23.8 | 28.8 | 33.8 | 39.8 | 46.3 | 49.8 | 53.9 | 63.9 | 73.9 | 83.9 | 95.9 | 108.9 | 123.9 | 141.4 | 161.4 | 9.25 | 11.30 | 1.22 |
| 22.1 | 27.1 | 32.1 | 38.1 | 44.6 | 48.1 | 52.1 | 62.1 | 72.1 | 82.1 | 94.1 | 107.1 | 122.1 | 139.6 | 159.6 | 10.30 | 12.50 | 1.22 |
| 26.8 | 31.8 | 36.8 | 42.8 | 49.3 | 52.8 | 56.8 | 66.8 | 76.8 | 86.8 | 98.8 | 111.8 | 126.8 | 144.3 | 164.3 | 7.50 | 9.25 | 1.24 |
| 20.1 | 25.1 | 30.1 | 36.1 | 42.6 | 46.1 | 50.1 | 60.1 | 70.1 | 80.1 | 92.1 | 105.1 | 120.1 | 137.6 | 157.6 | 11.30 | 14.00 | 1.24 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

Martin

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.25 | 15.00 | 18.70 | + | + | + | 929 | 33.39 | 37.57 | 697 | 26.79 | 29.50 | 553 | 22.11 | 24.08 | — | — | — |
| 1.26 | 4.40 | 5.50 | 1394 | 5.20 | 9.23 | 924 | 3.95 | 6.56 | 693 | 3.21 | 5.14 | 549 | 2.69 | 4.21 | 17.2 | 22.2 | 27.7 |
| 1.26 | 9.00 | 11.30 | 1391 | 24.33 | 29.41 | 922 | 17.81 | 20.81 | 691 | 14.02 | 16.15 | 548 | 11.49 | 13.13 | — | 14.0 | 19.5 |
| 1.27 | 4.65 | 5.90 | 1373 | 6.36 | 10.41 | 910 | 4.76 | 7.38 | 682 | 3.83 | 5.77 | 541 | 3.20 | 4.72 | 16.7 | 21.7 | 27.2 |
| 1.27 | 6.30 | 8.00 | 1373 | 13.58 | 17.91 | 910 | 9.88 | 12.60 | 683 | 7.80 | 9.79 | 542 | 6.41 | 7.97 | 13.7 | 18.7 | 24.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.88** | **0.90** |
| 1.27 | 6.70 | 8.50 | 1375 | 15.26 | 19.68 | 911 | 11.09 | 13.84 | 684 | 8.74 | 10.75 | 542 | 7.18 | 8.74 | 13.0 | 18.0 | 23.5 |
| 1.27 | 7.10 | 9.00 | 1376 | 16.92 | 21.42 | 912 | 12.29 | 15.08 | 684 | 9.67 | 11.70 | 543 | 7.94 | 9.52 | 12.3 | 17.3 | 22.8 |
| 1.27 | 11.80 | 15.00 | 1374 | 33.92 | 40.28 | 911 | 25.49 | 28.91 | 683 | 20.19 | 22.53 | 542 | 16.57 | 18.34 | — | — | — |
| 1.28 | 5.90 | 7.50 | 1372 | 11.90 | 16.14 | 909 | 8.67 | 11.36 | 682 | 6.86 | 8.83 | 541 | 5.65 | 7.19 | 14.5 | 19.5 | 25.0 |
| 1.28 | 9.25 | 11.80 | 1369 | 25.31 | 30.46 | 907 | 18.55 | 21.57 | 680 | 14.61 | 16.75 | 540 | 11.97 | 13.62 | — | 13.4 | 18.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.28 | 9.75 | 12.50 | 1362 | 27.12 | 32.47 | 903 | 19.96 | 23.04 | 677 | 15.73 | 17.90 | 537 | 12.89 | 14.55 | — | — | 18.0 |
| 1.28 | 10.30 | 13.20 | 1363 | 29.04 | 34.63 | 903 | 21.48 | 24.64 | 677 | 16.94 | 19.16 | 537 | 13.89 | 15.58 | — | — | 17.0 |
| 1.28 | 12.50 | 16.00 | 1365 | 36.04 | 42.82 | 905 | 27.32 | 30.88 | 678 | 21.69 | 24.10 | 538 | 17.82 | 19.62 | — | — | — |
| 1.29 | 4.90 | 6.30 | 1355 | 7.53 | 11.60 | 898 | 5.58 | 8.20 | 674 | 4.46 | 6.40 | 534 | 3.71 | 5.23 | 16.2 | 21.2 | 26.7 |
| 1.29 | 5.20 | 6.70 | 1352 | 8.86 | 12.98 | 896 | 6.52 | 9.16 | 672 | 5.19 | 7.14 | 533 | 4.29 | 5.82 | 15.6 | 20.6 | 26.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.29 | 8.00 | 10.30 | 1355 | 20.58 | 25.31 | 898 | 14.98 | 17.84 | 674 | 11.78 | 13.85 | 534 | 9.65 | 11.26 | — | 15.6 | 21.1 |
| 1.29 | 8.50 | 10.90 | 1361 | 22.51 | 27.41 | 902 | 16.43 | 19.35 | 677 | 12.92 | 15.02 | 537 | 10.59 | 12.21 | — | 14.7 | 20.2 |
| 1.29 | 10.90 | 14.00 | 1360 | 31.09 | 36.96 | 901 | 23.12 | 26.38 | 676 | 18.27 | 20.53 | 536 | 14.98 | 16.70 | — | — | 15.9 |
| 1.30 | 5.50 | 7.10 | 1350 | 10.20 | 14.37 | 895 | 7.47 | 10.12 | 671 | 5.92 | 7.88 | 532 | 4.89 | 6.42 | 15.1 | 20.1 | 25.6 |
| 1.30 | 7.50 | 9.75 | 1342 | 18.61 | 23.20 | 890 | 13.52 | 16.34 | 667 | 10.64 | 12.68 | 529 | 8.72 | 10.31 | 11.4 | 16.4 | 21.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.31 | 7.10 | 9.25 | 1339 | 17.01 | 21.49 | 887 | 12.35 | 15.12 | 666 | 9.72 | 11.74 | 528 | 7.97 | 9.54 | 12.1 | 17.1 | 22.6 |
| 1.31 | 9.00 | 11.80 | 1331 | 24.45 | 29.50 | 882 | 17.89 | 20.86 | 662 | 14.08 | 16.20 | 525 | 11.53 | 13.16 | — | 13.6 | 19.1 |
| 1.33 | 8.50 | 11.30 | 1312 | 22.60 | 27.47 | 870 | 16.48 | 19.39 | 652 | 12.96 | 15.05 | 517 | 10.62 | 12.23 | — | 14.4 | 19.9 |
| 1.33 | 11.30 | 15.00 | 1315 | 32.47 | 38.53 | 872 | 24.25 | 27.56 | 654 | 19.18 | 21.46 | 519 | 15.73 | 17.46 | — | — | — |
| 1.33 | 16.00 | 21.20 | + | + | + | 874 | 35.79 | 40.24 | 656 | 28.85 | 31.68 | 520 | 23.86 | 25.89 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.87** | **0.90** |
| 1.34 | 14.00 | 18.70 | 1308 | 40.22 | 48.02 | 867 | 31.14 | 35.03 | 650 | 24.87 | 27.43 | 516 | 20.48 | 22.36 | — | — | — |
| 1.35 | 4.40 | 5.90 | 1297 | 5.38 | 9.37 | 860 | 4.08 | 6.66 | 645 | 3.30 | 5.21 | 512 | 2.76 | 4.27 | 16.9 | 21.9 | 27.4 |
| 1.35 | 6.30 | 8.50 | 1292 | 13.74 | 18.03 | 856 | 9.99 | 12.68 | 642 | 7.88 | 9.85 | 509 | 6.47 | 8.02 | 13.3 | 18.3 | 23.9 |
| 1.35 | 6.70 | 9.00 | 1298 | 15.43 | 19.80 | 860 | 11.20 | 13.93 | 645 | 8.82 | 10.81 | 512 | 7.24 | 8.79 | 12.6 | 17.6 | 23.1 |
| 1.36 | 4.65 | 6.30 | 1284 | 6.54 | 10.55 | 851 | 4.88 | 7.47 | 638 | 3.92 | 5.83 | 506 | 3.27 | 4.77 | 16.4 | 21.4 | 26.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.36 | 5.90 | 8.00 | 1285 | 12.05 | 16.26 | 852 | 8.78 | 11.44 | 639 | 6.93 | 8.89 | 507 | 5.71 | 7.24 | 14.0 | 19.1 | 24.6 |
| 1.36 | 9.25 | 12.50 | 1291 | 25.46 | 30.58 | 856 | 18.66 | 21.65 | 642 | 14.68 | 16.81 | 509 | 12.03 | 13.66 | — | — | 18.3 |
| 1.36 | 9.75 | 13.20 | 1289 | 27.27 | 32.59 | 855 | 20.06 | 23.12 | 641 | 15.80 | 17.96 | 508 | 12.95 | 14.60 | — | — | 17.4 |
| 1.36 | 10.30 | 14.00 | 1284 | 29.20 | 34.75 | 851 | 21.58 | 24.72 | 638 | 17.02 | 19.22 | 506 | 13.95 | 15.63 | — | — | 16.3 |
| 1.36 | 11.80 | 16.00 | 1288 | 34.10 | 40.42 | 854 | 25.61 | 29.00 | 640 | 20.28 | 22.60 | 508 | 16.64 | 18.39 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.87** | **0.90** |
| 1.37 | 4.90 | 6.70 | 1273 | 7.68 | 11.72 | 844 | 5.68 | 8.28 | 633 | 4.54 | 6.46 | 502 | 3.77 | 5.27 | 15.9 | 20.9 | 26.4 |
| 1.37 | 5.20 | 7.10 | 1275 | 9.01 | 13.10 | 845 | 6.62 | 9.24 | 634 | 5.26 | 7.19 | 503 | 4.35 | 5.87 | 15.3 | 20.3 | 25.8 |
| 1.37 | 5.50 | 7.50 | 1277 | 10.33 | 14.47 | 846 | 7.55 | 10.19 | 635 | 5.98 | 7.93 | 504 | 4.94 | 6.46 | 14.8 | 19.8 | 25.3 |
| 1.37 | 8.00 | 10.90 | 1280 | 20.72 | 25.43 | 849 | 15.08 | 17.92 | 636 | 11.85 | 13.90 | 505 | 9.71 | 11.30 | — | 15.1 | 20.6 |
| 1.38 | 7.10 | 9.75 | 1269 | 17.13 | 21.58 | 841 | 12.43 | 15.18 | 631 | 9.78 | 11.78 | 501 | 8.02 | 9.58 | 11.7 | 16.7 | 22.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.38 | 7.50 | 10.30 | 1270 | 18.75 | 23.31 | 842 | 13.62 | 16.41 | 631 | 10.71 | 12.73 | 501 | 8.78 | 10.35 | — | 16.0 | 21.5 |
| 1.38 | 10.90 | 15.00 | 1268 | 31.26 | 37.09 | 841 | 23.23 | 26.47 | 631 | 18.35 | 20.59 | 500 | 15.05 | 16.75 | — | — | — |
| 1.39 | 6.70 | 9.25 | 1262 | 15.49 | 19.85 | 837 | 11.24 | 13.96 | 628 | 8.85 | 10.83 | 498 | 7.27 | 8.81 | 12.4 | 17.4 | 22.9 |
| 1.39 | 8.50 | 11.80 | 1256 | 22.69 | 27.54 | 833 | 16.55 | 19.44 | 625 | 13.01 | 15.09 | 495 | 10.66 | 12.26 | — | 14.0 | 19.5 |
| 1.39 | 9.00 | 12.50 | 1256 | 24.58 | 29.60 | 833 | 17.98 | 20.93 | 624 | 14.15 | 16.25 | 495 | 11.59 | 13.21 | — | 13.0 | 18.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.86** | **0.90** |
| 1.42 | 8.00 | 11.30 | 1234 | 20.79 | 25.48 | 818 | 15.12 | 17.96 | 614 | 11.89 | 13.93 | 487 | 9.74 | 11.32 | — | 14.7 | 20.3 |
| 1.42 | 11.30 | 16.00 | 1233 | 32.61 | 38.64 | 817 | 24.34 | 27.64 | 613 | 19.25 | 21.52 | 486 | 15.79 | 17.50 | — | — | — |
| 1.42 | 13.20 | 18.70 | 1233 | 38.25 | 45.44 | 817 | 29.25 | 32.93 | 613 | 23.28 | 25.73 | 486 | 19.14 | 20.96 | — | — | — |
| 1.42 | 15.00 | 21.20 | + | + | + | 819 | 33.60 | 37.73 | 614 | 26.95 | 29.62 | 487 | 22.23 | 24.17 | — | — | — |
| 1.43 | 9.25 | 13.20 | 1222 | 25.56 | 30.66 | 810 | 18.72 | 21.70 | 608 | 14.73 | 16.85 | 482 | 12.07 | 13.69 | — | — | 17.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.00** | **0.85** | **0.89** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| — | — | 23.5 | 29.5 | 36.0 | 39.5 | 43.5 | 53.5 | 63.5 | 73.5 | 85.5 | 98.5 | 113.5 | 131.0 | 151.0 | 15.00 | 18.70 | 1.25 |
| 32.2 | 37.2 | 42.2 | 48.2 | 54.7 | 58.2 | 62.2 | 72.2 | 82.2 | 92.2 | 104.2 | 117.2 | 132.2 | 149.7 | 169.7 | 4.40 | 5.50 | 1.26 |
| 24.0 | 29.0 | 34.0 | 40.0 | 46.5 | 50.0 | 54.0 | 64.0 | 74.0 | 84.0 | 96.0 | 109.1 | 124.1 | 141.6 | 161.6 | 9.00 | 11.30 | 1.26 |
| 31.7 | 36.7 | 41.7 | 47.7 | 54.2 | 57.7 | 61.7 | 71.7 | 81.7 | 91.7 | 103.7 | 116.7 | 131.7 | 149.2 | 169.2 | 4.65 | 5.90 | 1.27 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.8 | 78.8 | 88.8 | 100.8 | 113.8 | 128.8 | 146.3 | 166.3 | 6.30 | 8.00 | 1.27 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 28.0 | 33.0 | 38.1 | 44.1 | 50.6 | 54.1 | 58.1 | 68.1 | 78.1 | 88.1 | 100.1 | 113.1 | 128.1 | 145.6 | 165.6 | 6.70 | 8.50 | 1.27 |
| 27.3 | 32.3 | 37.3 | 43.3 | 49.8 | 53.3 | 57.3 | 67.3 | 77.3 | 87.3 | 99.4 | 112.4 | 127.4 | 144.9 | 164.9 | 7.10 | 9.00 | 1.27 |
| 18.9 | 23.9 | 28.9 | 34.9 | 41.4 | 44.9 | 48.9 | 58.9 | 68.9 | 78.9 | 90.9 | 103.9 | 118.9 | 136.4 | 156.4 | 11.80 | 15.00 | 1.27 |
| 29.5 | 34.5 | 39.5 | 45.5 | 52.0 | 55.5 | 59.5 | 69.5 | 79.5 | 89.5 | 101.5 | 114.5 | 129.5 | 147.0 | 167.0 | 5.90 | 7.50 | 1.28 |
| 23.4 | 28.4 | 33.4 | 39.4 | 45.9 | 49.5 | 53.5 | 63.5 | 73.5 | 83.5 | 95.5 | 108.5 | 123.5 | 141.0 | 161.0 | 9.25 | 11.80 | 1.28 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 22.5 | 27.5 | 32.5 | 38.5 | 45.0 | 48.5 | 52.5 | 62.5 | 72.5 | 82.5 | 94.5 | 107.5 | 122.5 | 140.0 | 160.0 | 9.75 | 12.50 | 1.28 |
| 21.5 | 26.5 | 31.5 | 37.5 | 44.0 | 47.5 | 51.5 | 61.5 | 71.5 | 81.5 | 93.5 | 106.5 | 121.5 | 139.0 | 159.0 | 10.30 | 13.20 | 1.28 |
| 17.5 | 22.5 | 27.6 | 33.6 | 40.1 | 43.6 | 47.6 | 57.6 | 67.6 | 77.6 | 89.6 | 102.6 | 117.6 | 135.1 | 155.1 | 12.50 | 16.00 | 1.28 |
| 31.2 | 36.2 | 41.2 | 47.2 | 53.7 | 57.2 | 61.2 | 71.2 | 81.2 | 91.2 | 103.2 | 116.2 | 131.2 | 148.7 | 168.7 | 4.90 | 6.30 | 1.29 |
| 30.6 | 35.6 | 40.6 | 46.6 | 53.1 | 56.6 | 60.6 | 70.6 | 80.7 | 90.7 | 102.7 | 115.7 | 130.7 | 148.2 | 168.2 | 5.20 | 6.70 | 1.29 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 25.6 | 30.6 | 35.6 | 41.6 | 48.1 | 51.6 | 55.6 | 65.6 | 75.6 | 85.6 | 97.6 | 110.6 | 125.6 | 143.1 | 163.1 | 8.00 | 10.30 | 1.29 |
| 24.7 | 29.7 | 34.7 | 40.7 | 47.2 | 50.7 | 54.8 | 64.8 | 74.8 | 84.8 | 96.8 | 109.8 | 124.8 | 142.3 | 162.3 | 8.50 | 10.90 | 1.29 |
| 20.4 | 25.4 | 30.4 | 36.4 | 42.9 | 46.4 | 50.4 | 60.4 | 70.4 | 80.4 | 92.4 | 105.4 | 120.4 | 137.9 | 157.9 | 10.90 | 14.00 | 1.29 |
| 30.1 | 35.1 | 40.1 | 46.1 | 52.6 | 56.1 | 60.1 | 70.1 | 80.1 | 90.1 | 102.1 | 115.1 | 130.1 | 147.6 | 167.6 | 5.50 | 7.10 | 1.30 |
| 26.4 | 31.4 | 36.4 | 42.4 | 48.9 | 52.4 | 56.4 | 66.4 | 76.4 | 86.4 | 98.4 | 111.4 | 126.4 | 143.9 | 163.9 | 7.50 | 9.75 | 1.30 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 27.1 | 32.1 | 37.1 | 43.1 | 49.6 | 53.1 | 57.1 | 67.2 | 77.2 | 87.2 | 99.2 | 112.2 | 127.2 | 144.7 | 164.7 | 7.10 | 9.25 | 1.31 |
| 23.6 | 28.6 | 33.6 | 39.6 | 46.1 | 49.6 | 53.6 | 63.6 | 73.7 | 83.7 | 95.7 | 108.7 | 123.7 | 141.2 | 161.2 | 9.00 | 11.80 | 1.31 |
| 24.4 | 29.4 | 34.4 | 40.4 | 46.9 | 50.4 | 54.4 | 64.4 | 74.4 | 84.4 | 96.4 | 109.4 | 124.4 | 141.9 | 161.9 | 8.50 | 11.30 | 1.33 |
| 19.3 | 24.3 | 29.3 | 35.3 | 41.8 | 45.3 | 49.3 | 59.3 | 69.3 | 79.3 | 91.3 | 104.3 | 119.3 | 136.8 | 156.8 | 11.30 | 15.00 | 1.33 |
| — | — | — | 26.7 | 33.2 | 36.7 | 40.7 | 50.7 | 60.7 | 70.7 | 82.7 | 95.7 | 110.8 | 128.3 | 148.3 | 16.00 | 21.20 | 1.33 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| — | 19.2 | 24.2 | 30.2 | 36.7 | 40.2 | 44.3 | 54.3 | 64.3 | 74.3 | 86.3 | 99.3 | 114.3 | 131.8 | 151.8 | 14.00 | 18.70 | 1.34 |
| 31.9 | 36.9 | 41.9 | 47.9 | 54.4 | 57.9 | 61.9 | 71.9 | 81.9 | 91.9 | 103.9 | 116.9 | 131.9 | 149.4 | 169.4 | 4.40 | 5.90 | 1.35 |
| 28.4 | 33.4 | 38.4 | 44.4 | 50.9 | 54.4 | 58.4 | 68.4 | 78.4 | 88.4 | 100.4 | 113.4 | 128.4 | 145.9 | 165.9 | 6.30 | 8.50 | 1.35 |
| 27.6 | 32.6 | 37.7 | 43.7 | 50.2 | 53.7 | 57.7 | 67.7 | 77.7 | 87.7 | 99.7 | 112.7 | 127.7 | 145.2 | 165.2 | 6.70 | 9.00 | 1.35 |
| 31.4 | 36.4 | 41.4 | 47.4 | 53.9 | 57.4 | 61.4 | 71.4 | 81.4 | 91.4 | 103.4 | 116.4 | 131.4 | 148.9 | 168.9 | 4.65 | 6.30 | 1.36 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.01** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 29.1 | 34.1 | 39.1 | 45.1 | 51.6 | 55.1 | 59.1 | 69.1 | 79.1 | 89.1 | 101.1 | 114.1 | 129.1 | 146.6 | 166.6 | 5.90 | 8.00 | 1.36 |
| 22.9 | 27.9 | 32.9 | 38.9 | 45.4 | 48.9 | 52.9 | 62.9 | 72.9 | 82.9 | 94.9 | 107.9 | 122.9 | 140.4 | 160.4 | 9.25 | 12.50 | 1.36 |
| 21.9 | 26.9 | 31.9 | 37.9 | 44.4 | 47.9 | 51.9 | 62.0 | 72.0 | 82.0 | 94.0 | 107.0 | 122.0 | 139.5 | 159.5 | 9.75 | 13.20 | 1.36 |
| 20.8 | 25.8 | 30.9 | 36.9 | 43.4 | 46.9 | 50.9 | 60.9 | 70.9 | 80.9 | 92.9 | 105.9 | 120.9 | 138.4 | 158.4 | 10.30 | 14.00 | 1.36 |
| 18.0 | 23.1 | 28.1 | 34.1 | 40.6 | 44.1 | 48.1 | 58.1 | 68.1 | 78.1 | 90.1 | 103.1 | 118.1 | 135.6 | 155.7 | 11.80 | 16.00 | 1.36 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 30.9 | 35.9 | 40.9 | 46.9 | 53.4 | 56.9 | 60.9 | 70.9 | 80.9 | 90.9 | 102.9 | 115.9 | 130.9 | 148.4 | 168.4 | 4.90 | 6.70 | 1.37 |
| 30.3 | 35.3 | 40.3 | 46.3 | 52.8 | 56.3 | 60.3 | 70.3 | 80.3 | 90.3 | 102.3 | 115.3 | 130.3 | 147.8 | 167.8 | 5.20 | 7.10 | 1.37 |
| 29.8 | 34.8 | 39.8 | 45.8 | 52.3 | 55.8 | 59.8 | 69.8 | 79.8 | 89.8 | 101.8 | 114.8 | 129.8 | 147.3 | 167.3 | 5.50 | 7.50 | 1.37 |
| 25.1 | 30.1 | 35.1 | 41.1 | 47.6 | 51.1 | 55.1 | 65.1 | 75.1 | 85.1 | 97.1 | 101.1 | 125.1 | 142.6 | 162.6 | 8.00 | 10.90 | 1.37 |
| 26.7 | 31.7 | 36.7 | 42.7 | 49.2 | 52.7 | 56.8 | 66.8 | 76.8 | 86.8 | 98.8 | 111.8 | 126.8 | 144.3 | 164.3 | 7.10 | 9.75 | 1.38 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 26.0 | 31.0 | 36.0 | 42.0 | 48.5 | 52.0 | 56.0 | 66.0 | 76.0 | 86.0 | 98.0 | 111.0 | 126.0 | 143.5 | 163.5 | 7.50 | 10.30 | 1.38 |
| 19.6 | 24.6 | 29.6 | 35.6 | 42.1 | 45.6 | 49.6 | 59.6 | 69.6 | 79.6 | 91.6 | 104.6 | 119.6 | 137.1 | 157.1 | 10.90 | 15.00 | 1.38 |
| 27.4 | 32.4 | 37.5 | 43.5 | 50.0 | 53.5 | 57.5 | 67.5 | 77.5 | 87.5 | 99.5 | 112.5 | 127.5 | 145.0 | 165.0 | 6.70 | 9.25 | 1.39 |
| 24.0 | 29.0 | 34.0 | 40.0 | 46.5 | 50.0 | 54.0 | 64.0 | 74.0 | 84.0 | 96.0 | 109.0 | 124.0 | 141.5 | 161.5 | 8.50 | 11.80 | 1.39 |
| 23.0 | 28.1 | 33.1 | 39.1 | 45.6 | 49.1 | 53.1 | 63.1 | 73.1 | 83.1 | 95.1 | 108.1 | 123.1 | 140.6 | 160.6 | 9.00 | 12.50 | 1.39 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 24.8 | 29.8 | 34.8 | 40.8 | 47.3 | 50.8 | 54.8 | 64.8 | 74.8 | 84.8 | 96.8 | 109.8 | 124.8 | 142.3 | 162.3 | 8.00 | 11.30 | 1.42 |
| 18.4 | 23.4 | 28.5 | 34.5 | 41.0 | 44.5 | 48.5 | 58.5 | 68.5 | 78.5 | 90.5 | 103.5 | 118.5 | 136.0 | 156.0 | 11.30 | 16.00 | 1.42 |
| — | 19.8 | 24.8 | 30.8 | 37.3 | 40.9 | 44.9 | 54.9 | 64.9 | 74.9 | 86.9 | 99.9 | 114.9 | 132.4 | 152.4 | 13.20 | 18.70 | 1.42 |
| — | — | 21.3 | 27.4 | 33.9 | 37.4 | 41.5 | 51.5 | 61.5 | 71.5 | 83.5 | 96.5 | 111.5 | 129.0 | 149.0 | 15.00 | 21.20 | 1.42 |
| 22.3 | 27.3 | 32.3 | 38.3 | 44.8 | 48.3 | 52.3 | 62.3 | 72.3 | 82.3 | 94.3 | 107.3 | 122.4 | 139.9 | 159.9 | 9.25 | 13.20 | 1.43 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.44 | 4.40 | 6.30 | 1214 | 5.51 | 9.47 | 805 | 4.16 | 6.72 | 603 | 3.36 | 5.26 | 479 | 2.81 | 4.30 | 16.6 | 21.6 | 27.1 |
| 1.44 | 6.30 | 9.00 | 1219 | 13.87 | 18.13 | 808 | 10.07 | 12.75 | 606 | 7.94 | 9.90 | 481 | 6.52 | 8.05 | 12.9 | 17.9 | 23.4 |
| 1.44 | 9.75 | 14.00 | 1215 | 27.38 | 32.67 | 805 | 20.13 | 23.18 | 604 | 15.86 | 18.01 | 479 | 12.99 | 14.63 | — | — | 16.7 |
| 1.45 | 4.65 | 6.70 | 1206 | 6.66 | 10.64 | 800 | 4.96 | 7.53 | 600 | 3.98 | 5.88 | 476 | 3.31 | 4.81 | 16.1 | 21.1 | 26.6 |
| 1.45 | 5.20 | 7.50 | 1206 | 9.12 | 13.18 | 799 | 6.69 | 9.29 | 600 | 5.32 | 7.23 | 476 | 4.40 | 5.90 | 15.0 | 20.0 | 25.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.45 | 5.90 | 8.50 | 1208 | 12.17 | 16.36 | 801 | 8.86 | 11.50 | 601 | 7.00 | 8.94 | 476 | 5.76 | 7.28 | 13.6 | 18.6 | 24.2 |
| 1.46 | 4.90 | 7.10 | 1200 | 7.79 | 11.81 | 795 | 5.76 | 8.34 | 597 | 4.59 | 6.50 | 473 | 3.81 | 5.31 | 15.5 | 20.5 | 26.1 |
| 1.46 | 5.50 | 8.00 | 1196 | 10.45 | 14.56 | 793 | 7.63 | 10.25 | 595 | 6.04 | 7.97 | 472 | 4.99 | 6.49 | 14.3 | 19.4 | 24.9 |
| 1.46 | 6.70 | 9.75 | 1197 | 15.58 | 19.92 | 793 | 11.30 | 14.00 | 595 | 8.89 | 10.87 | 472 | 7.30 | 8.84 | 12.0 | 17.0 | 22.5 |
| 1.46 | 7.10 | 10.30 | 1201 | 17.23 | 21.66 | 796 | 12.50 | 15.24 | 597 | 9.83 | 11.82 | 474 | 8.06 | 9.61 | 11.2 | 16.3 | 21.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.86** | **0.90** |
| 1.46 | 7.50 | 10.90 | 1199 | 18.85 | 23.39 | 795 | 13.69 | 16.46 | 596 | 10.76 | 12.77 | 473 | 8.82 | 10.38 | — | 15.5 | 21.0 |
| 1.46 | 10.30 | 15.00 | 1198 | 29.33 | 34.86 | 794 | 21.67 | 24.79 | 596 | 17.09 | 19.27 | 472 | 14.00 | 15.67 | — | — | 15.5 |
| 1.47 | 9.00 | 13.20 | 1189 | 24.68 | 29.68 | 788 | 18.04 | 20.98 | 591 | 14.19 | 16.29 | 469 | 11.63 | 13.24 | — | — | 17.9 |
| 1.47 | 10.90 | 16.00 | 1189 | 31.37 | 37.17 | 788 | 23.31 | 26.52 | 591 | 18.41 | 20.64 | 469 | 15.09 | 16.78 | — | — | — |
| 1.48 | 6.30 | 9.25 | 1186 | 13.92 | 18.17 | 786 | 10.10 | 12.77 | 590 | 7.96 | 9.92 | 468 | 6.54 | 8.07 | 12.7 | 17.7 | 23.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.86** | **0.89** |
| 1.48 | 8.00 | 11.80 | 1182 | 20.86 | 25.53 | 783 | 15.17 | 17.99 | 587 | 11.92 | 13.96 | 466 | 9.77 | 11.34 | — | 14.3 | 19.9 |
| 1.48 | 8.50 | 12.50 | 1185 | 22.80 | 27.63 | 786 | 16.62 | 19.50 | 589 | 13.07 | 15.13 | 467 | 10.70 | 12.29 | — | 13.4 | 18.9 |
| 1.48 | 16.00 | 23.60 | + | + | + | 785 | 35.93 | 40.35 | 589 | 28.96 | 31.76 | 467 | 23.94 | 25.95 | — | — | — |
| 1.50 | 12.50 | 18.70 | 1167 | 36.37 | 43.07 | 773 | 27.54 | 31.05 | 580 | 21.85 | 24.22 | 460 | 17.95 | 19.72 | — | — | — |
| 1.51 | 7.50 | 11.30 | 1156 | 18.90 | 23.43 | 766 | 13.72 | 16.49 | 575 | 10.79 | 12.79 | 456 | 8.84 | 10.40 | — | 15.1 | 20.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.85** | **0.88** |
| 1.52 | 9.25 | 14.00 | 1152 | 25.65 | 30.73 | 764 | 18.78 | 21.75 | 573 | 14.78 | 16.89 | 454 | 12.11 | 13.72 | — | — | 17.1 |
| 1.52 | 14.00 | 21.20 | 1153 | 40.44 | 48.19 | 764 | 31.29 | 35.14 | 573 | 24.98 | 27.51 | 455 | 20.57 | 22.43 | — | — | — |
| 1.53 | 4.40 | 6.70 | 1140 | 5.60 | 9.54 | 756 | 4.22 | 6.77 | 567 | 3.41 | 5.29 | 450 | 2.85 | 4.33 | 16.2 | 21.3 | 26.8 |
| 1.53 | 5.90 | 9.00 | 1140 | 12.25 | 16.42 | 756 | 8.91 | 11.54 | 567 | 7.03 | 8.97 | 450 | 5.79 | 7.30 | 13.2 | 18.2 | 23.7 |
| 1.54 | 4.65 | 7.10 | 1137 | 6.75 | 10.71 | 754 | 5.02 | 7.58 | 565 | 4.02 | 5.91 | 448 | 3.35 | 4.83 | 15.7 | 20.7 | 26.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.84** | **0.87** | **0.90** |
| 1.54 | 4.90 | 7.50 | 1135 | 7.87 | 11.87 | 752 | 5.81 | 8.38 | 564 | 4.63 | 6.53 | 448 | 3.84 | 5.33 | 15.2 | 20.2 | 25.7 |
| 1.54 | 7.10 | 10.90 | 1134 | 17.31 | 21.72 | 752 | 12.55 | 15.28 | 564 | 9.87 | 11.85 | 447 | 8.09 | 9.63 | — | 15.7 | 21.3 |
| 1.54 | 9.75 | 15.00 | 1133 | 27.48 | 32.75 | 751 | 20.20 | 23.23 | 563 | 15.91 | 18.04 | 447 | 13.03 | 14.66 | — | — | 15.8 |
| 1.55 | 5.20 | 8.00 | 1130 | 9.21 | 13.25 | 749 | 6.75 | 9.34 | 562 | 5.36 | 7.27 | 445 | 4.43 | 5.93 | 14.6 | 19.6 | 25.1 |
| 1.55 | 6.70 | 10.30 | 1132 | 15.66 | 19.98 | 751 | 11.35 | 14.05 | 563 | 8.94 | 10.90 | 446 | 7.33 | 8.86 | 11.5 | 16.6 | 22.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.87** | **0.90** |
| 1.56 | 5.50 | 8.50 | 1125 | 10.54 | 14.63 | 746 | 7.69 | 10.30 | 559 | 6.09 | 8.01 | 444 | 5.02 | 6.52 | 13.9 | 18.9 | 24.5 |
| 1.56 | 6.30 | 9.75 | 1124 | 13.99 | 18.22 | 745 | 10.15 | 12.81 | 559 | 8.00 | 9.94 | 443 | 6.57 | 8.09 | 12.3 | 17.3 | 22.8 |
| 1.56 | 8.50 | 13.20 | 1122 | 22.87 | 27.68 | 744 | 16.66 | 19.53 | 558 | 13.10 | 15.16 | 442 | 10.73 | 12.31 | — | — | 18.3 |
| 1.56 | 9.00 | 14.00 | 1121 | 24.76 | 29.74 | 743 | 18.10 | 21.02 | 557 | 14.23 | 16.32 | 442 | 11.66 | 13.26 | — | — | 17.3 |
| 1.56 | 10.30 | 16.00 | 1123 | 29.43 | 34.93 | 744 | 21.73 | 24.84 | 558 | 17.13 | 19.31 | 443 | 14.04 | 15.69 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.86** | **0.89** |
| 1.57 | 8.00 | 12.50 | 1115 | 20.94 | 25.59 | 739 | 15.22 | 18.03 | 554 | 11.96 | 13.99 | 440 | 9.80 | 11.37 | — | 13.7 | 19.3 |
| 1.58 | 5.90 | 9.25 | 1109 | 12.29 | 16.45 | 735 | 8.94 | 11.56 | 551 | 7.05 | 8.98 | 437 | 5.80 | 7.31 | 13.0 | 18.0 | 23.5 |
| 1.58 | 7.50 | 11.80 | 1107 | 18.96 | 23.47 | 734 | 13.76 | 16.52 | 550 | 10.81 | 12.81 | 436 | 8.86 | 10.41 | — | 14.7 | 20.2 |
| 1.58 | 15.00 | 23.60 | + | + | + | 735 | 33.70 | 37.81 | 552 | 27.02 | 29.68 | 437 | 22.29 | 24.22 | — | — | — |
| 1.59 | 11.80 | 18.70 | 1101 | 34.35 | 40.61 | 730 | 25.77 | 29.13 | 547 | 20.40 | 22.70 | 434 | 16.74 | 18.47 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.86** | **0.89** |
| 1.60 | 7.10 | 11.30 | 1094 | 17.35 | 21.76 | 725 | 12.58 | 15.30 | 544 | 9.89 | 11.87 | 431 | 8.11 | 9.65 | — | 15.4 | 20.9 |
| 1.61 | 13.20 | 21.20 | 1086 | 38.43 | 45.57 | 720 | 29.36 | 33.01 | 540 | 23.36 | 25.80 | 428 | 19.21 | 21.01 | — | — | — |
| 1.63 | 4.40 | 7.10 | 1075 | 5.67 | 9.59 | 713 | 4.27 | 6.80 | 534 | 3.44 | 5.32 | 424 | 2.88 | 4.35 | 15.9 | 20.9 | 26.4 |
| 1.63 | 4.65 | 7.50 | 1076 | 6.81 | 10.76 | 713 | 5.06 | 7.61 | 535 | 4.05 | 5.94 | 424 | 3.37 | 4.85 | 15.4 | 20.4 | 25.9 |
| 1.63 | 9.25 | 15.00 | 1075 | 25.73 | 30.79 | 712 | 18.84 | 21.79 | 534 | 14.82 | 16.92 | 424 | 12.14 | 13.75 | — | — | 16.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.87** | **0.90** |
| 1.64 | 6.70 | 10.90 | 1069 | 15.72 | 20.03 | 709 | 11.39 | 14.08 | 532 | 8.97 | 10.92 | 422 | 7.36 | 8.88 | 11.0 | 16.0 | 21.6 |
| 1.65 | 4.90 | 8.00 | 1063 | 7.94 | 11.93 | 705 | 5.86 | 8.42 | 529 | 4.67 | 6.56 | 419 | 3.87 | 5.35 | 14.8 | 19.8 | 25.3 |
| 1.65 | 5.20 | 8.50 | 1062 | 9.28 | 13.31 | 704 | 6.80 | 9.37 | 528 | 5.40 | 7.30 | 419 | 4.46 | 5.95 | 14.1 | 19.2 | 24.7 |
| 1.65 | 5.50 | 9.00 | 1062 | 10.60 | 14.67 | 704 | 7.73 | 10.33 | 528 | 6.12 | 8.03 | 419 | 5.05 | 6.54 | 13.5 | 18.5 | 24.0 |
| 1.65 | 6.30 | 10.30 | 1064 | 14.05 | 18.27 | 705 | 10.19 | 12.84 | 529 | 8.03 | 9.96 | 419 | 6.59 | 8.11 | 11.8 | 16.8 | 22.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.85** | **0.88** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 31.6 | 36.6 | 41.6 | 47.6 | 54.1 | 57.6 | 61.6 | 71.6 | 81.6 | 91.6 | 103.6 | 116.6 | 131.6 | 149.1 | 169.1 | 4.40 | 6.30 | 1.44 |
| 28.0 | 33.0 | 38.0 | 44.0 | 50.5 | 54.0 | 58.0 | 68.0 | 78.0 | 88.0 | 100.0 | 113.0 | 128.0 | 145.5 | 165.5 | 6.30 | 9.00 | 1.44 |
| 21.2 | 26.3 | 31.3 | 37.3 | 43.8 | 47.3 | 51.3 | 61.3 | 71.3 | 81.3 | 93.3 | 106.3 | 121.3 | 138.8 | 158.8 | 9.75 | 14.00 | 1.44 |
| 31.1 | 36.1 | 41.1 | 47.1 | 53.6 | 57.1 | 61.1 | 71.1 | 81.1 | 91.1 | 103.1 | 116.1 | 131.1 | 148.6 | 168.6 | 4.65 | 6.70 | 1.45 |
| 30.0 | 35.0 | 40.0 | 46.0 | 52.5 | 56.0 | 60.0 | 70.0 | 80.0 | 90.0 | 102.0 | 115.0 | 130.0 | 147.5 | 167.5 | 5.20 | 7.50 | 1.45 |
| **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 28.7 | 33.7 | 38.7 | 44.7 | 51.2 | 54.7 | 58.7 | 68.7 | 78.7 | 88.7 | 100.7 | 113.7 | 128.7 | 146.2 | 166.2 | 5.90 | 8.50 | 1.45 |
| 30.6 | 35.6 | 40.6 | 46.6 | 53.1 | 56.6 | 60.6 | 70.6 | 80.6 | 90.6 | 102.6 | 115.6 | 130.6 | 148.1 | 168.1 | 4.90 | 7.10 | 1.46 |
| 29.4 | 34.4 | 39.4 | 45.4 | 51.9 | 55.4 | 59.4 | 69.4 | 79.4 | 89.4 | 101.4 | 114.4 | 129.4 | 146.9 | 166.9 | 5.50 | 8.00 | 1.46 |
| 27.0 | 32.0 | 37.0 | 43.1 | 49.6 | 53.1 | 57.1 | 67.1 | 77.1 | 87.1 | 99.1 | 112.1 | 127.1 | 144.6 | 164.6 | 6.70 | 9.75 | 1.46 |
| 26.3 | 31.3 | 36.3 | 42.3 | 48.8 | 52.3 | 56.3 | 66.3 | 76.3 | 86.3 | 98.3 | 111.3 | 126.3 | 143.8 | 163.8 | 7.10 | 10.30 | 1.46 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 25.5 | 30.5 | 35.5 | 41.5 | 48.0 | 51.5 | 55.5 | 65.5 | 75.5 | 85.5 | 97.5 | 110.5 | 125.5 | 143.0 | 163.0 | 7.50 | 10.90 | 1.46 |
| 20.0 | 25.0 | 30.0 | 36.1 | 42.6 | 46.1 | 50.1 | 60.1 | 70.1 | 80.1 | 92.1 | 105.1 | 120.1 | 137.6 | 157.6 | 10.30 | 15.00 | 1.46 |
| 22.5 | 27.5 | 32.5 | 38.5 | 45.0 | 48.5 | 52.5 | 62.5 | 72.5 | 82.5 | 94.5 | 107.5 | 122.5 | 140.0 | 160.1 | 9.00 | 13.20 | 1.47 |
| 18.7 | 23.7 | 28.8 | 34.8 | 41.3 | 44.8 | 48.8 | 58.8 | 68.8 | 78.8 | 90.8 | 103.8 | 118.8 | 136.3 | 156.4 | 10.90 | 16.00 | 1.47 |
| 27.7 | 32.8 | 37.8 | 43.8 | 50.3 | 53.8 | 57.8 | 67.8 | 77.8 | 87.8 | 99.8 | 112.8 | 127.8 | 145.3 | 165.3 | 6.30 | 9.25 | 1.48 |
| **0.91** | **0.94** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 24.4 | 29.4 | 34.4 | 40.4 | 46.9 | 50.4 | 54.4 | 64.4 | 74.4 | 84.4 | 96.4 | 109.4 | 124.4 | 141.9 | 161.9 | 8.00 | 11.80 | 1.48 |
| 23.4 | 28.4 | 33.4 | 39.5 | 46.0 | 49.5 | 53.5 | 63.5 | 73.5 | 83.5 | 95.5 | 108.5 | 123.5 | 141.0 | 161.0 | 8.50 | 12.50 | 1.48 |
| — | — | — | 24.6 | 31.2 | 34.7 | 38.7 | 48.8 | 58.8 | 68.8 | 80.8 | 93.8 | 108.8 | 126.3 | 146.3 | 16.00 | 23.60 | 1.48 |
| — | 20.3 | 25.3 | 31.3 | 37.9 | 41.4 | 45.4 | 55.4 | 65.4 | 75.4 | 87.4 | 100.4 | 115.5 | 133.0 | 153.0 | 12.50 | 18.70 | 1.50 |
| 25.2 | 30.2 | 35.2 | 41.2 | 47.7 | 51.2 | 55.2 | 65.2 | 75.2 | 85.2 | 97.2 | 110.2 | 125.2 | 142.7 | 162.7 | 7.50 | 11.30 | 1.51 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 21.6 | 26.6 | 31.7 | 37.7 | 44.2 | 47.7 | 51.7 | 61.7 | 71.7 | 81.7 | 93.7 | 106.7 | 121.7 | 139.2 | 159.2 | 9.25 | 14.00 | 1.52 |
| — | — | 22.1 | 28.1 | 34.7 | 38.2 | 42.2 | 52.2 | 62.2 | 72.3 | 84.3 | 97.3 | 112.3 | 129.8 | 149.8 | 14.00 | 21.20 | 1.52 |
| 31.3 | 36.3 | 41.3 | 47.3 | 53.8 | 57.3 | 61.3 | 71.3 | 81.3 | 91.3 | 103.3 | 116.3 | 131.3 | 148.8 | 168.8 | 4.40 | 6.70 | 1.53 |
| 28.3 | 33.3 | 38.3 | 44.3 | 50.8 | 54.3 | 58.3 | 68.3 | 78.3 | 88.3 | 100.3 | 113.3 | 128.3 | 145.8 | 165.8 | 5.90 | 9.00 | 1.53 |
| 30.7 | 35.8 | 40.8 | 46.8 | 53.3 | 56.8 | 60.8 | 70.8 | 80.8 | 90.8 | 102.8 | 115.8 | 130.8 | 148.3 | 168.3 | 4.65 | 7.10 | 1.54 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 30.2 | 35.2 | 40.2 | 46.2 | 52.7 | 56.2 | 60.2 | 70.2 | 80.3 | 90.3 | 102.3 | 115.3 | 130.3 | 147.8 | 167.8 | 4.90 | 7.50 | 1.54 |
| 25.8 | 30.8 | 35.8 | 41.8 | 48.3 | 51.8 | 55.8 | 65.8 | 75.8 | 85.8 | 97.8 | 110.8 | 125.8 | 143.4 | 163.4 | 7.10 | 10.90 | 1.54 |
| 20.4 | 25.4 | 30.4 | 36.5 | 43.0 | 46.5 | 50.5 | 60.5 | 70.5 | 80.5 | 92.5 | 105.5 | 120.5 | 138.0 | 158.0 | 9.75 | 15.00 | 1.54 |
| 29.6 | 34.6 | 39.6 | 45.6 | 52.1 | 55.6 | 59.6 | 69.6 | 79.6 | 89.6 | 101.6 | 114.6 | 129.6 | 147.1 | 167.1 | 5.20 | 8.00 | 1.55 |
| 26.6 | 31.6 | 36.6 | 42.6 | 49.1 | 52.6 | 56.6 | 66.6 | 76.6 | 86.6 | 98.6 | 111.6 | 126.6 | 144.1 | 164.1 | 6.70 | 10.30 | 1.55 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 29.0 | 34.0 | 39.0 | 45.0 | 51.5 | 55.0 | 59.0 | 69.0 | 79.0 | 89.0 | 101.0 | 114.0 | 129.0 | 146.5 | 166.5 | 5.50 | 8.50 | 1.56 |
| 27.3 | 32.3 | 37.4 | 43.4 | 49.9 | 53.4 | 57.4 | 67.4 | 77.4 | 87.4 | 99.4 | 112.4 | 127.4 | 144.9 | 164.9 | 6.30 | 9.75 | 1.56 |
| 22.8 | 27.9 | 32.9 | 38.9 | 45.4 | 48.9 | 52.9 | 62.9 | 72.9 | 82.9 | 94.9 | 107.9 | 122.9 | 140.4 | 160.4 | 8.50 | 13.20 | 1.56 |
| 21.8 | 26.8 | 31.8 | 37.9 | 44.4 | 47.9 | 51.9 | 61.9 | 71.9 | 81.9 | 93.9 | 106.9 | 121.9 | 139.4 | 159.4 | 9.00 | 14.00 | 1.56 |
| 19.1 | 24.2 | 29.3 | 35.2 | 41.7 | 45.3 | 49.3 | 59.3 | 69.3 | 79.3 | 91.3 | 104.3 | 119.3 | 136.8 | 156.8 | 10.30 | 16.00 | 1.56 |
| **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 23.8 | 28.8 | 33.8 | 39.8 | 46.3 | 49.8 | 53.9 | 63.9 | 73.9 | 83.9 | 95.9 | 108.9 | 123.9 | 141.4 | 161.4 | 8.00 | 12.50 | 1.57 |
| 28.1 | 33.1 | 38.1 | 44.1 | 50.6 | 54.1 | 58.1 | 68.1 | 78.1 | 88.1 | 100.1 | 113.1 | 128.1 | 145.6 | 165.6 | 5.90 | 9.25 | 1.58 |
| 24.7 | 29.8 | 34.8 | 40.8 | 47.3 | 50.8 | 54.8 | 64.8 | 74.8 | 84.8 | 96.8 | 109.8 | 124.8 | 142.3 | 162.3 | 7.50 | 11.80 | 1.58 |
| — | — | — | 25.3 | 31.9 | 35.4 | 39.4 | 49.5 | 59.5 | 69.6 | 81.6 | 94.6 | 109.6 | 127.1 | 147.1 | 15.00 | 23.60 | 1.58 |
| — | 20.8 | 25.8 | 31.9 | 38.4 | 41.9 | 45.9 | 55.9 | 66.0 | 76.0 | 88.0 | 101.0 | 116.0 | 133.5 | 153.5 | 11.80 | 18.70 | 1.59 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 25.5 | 30.5 | 35.5 | 41.5 | 48.0 | 51.5 | 55.5 | 65.5 | 75.5 | 85.5 | 97.5 | 110.5 | 125.5 | 143.0 | 163.0 | 7.10 | 11.30 | 1.60 |
| — | — | 22.6 | 23.7 | 35.3 | 38.8 | 42.8 | 52.8 | 62.9 | 72.9 | 84.9 | 97.9 | 112.9 | 130.4 | 150.4 | 13.20 | 21.20 | 1.61 |
| 30.9 | 35.9 | 40.9 | 46.9 | 53.5 | 57.0 | 61.0 | 71.0 | 81.0 | 91.0 | 103.0 | 116.0 | 131.0 | 148.5 | 168.5 | 4.40 | 7.10 | 1.63 |
| 30.4 | 35.4 | 40.4 | 46.4 | 52.9 | 56.4 | 60.4 | 70.4 | 80.4 | 90.4 | 102.4 | 115.4 | 130.4 | 148.0 | 168.0 | 4.65 | 7.50 | 1.63 |
| 20.8 | 25.8 | 30.8 | 36.8 | 43.4 | 46.9 | 50.9 | 60.9 | 70.9 | 80.9 | 92.9 | 105.9 | 120.9 | 138.4 | 158.4 | 9.25 | 15.00 | 1.63 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.00** | **1.01** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 26.1 | 31.1 | 36.1 | 42.1 | 48.6 | 52.1 | 56.1 | 66.1 | 76.1 | 86.2 | 98.2 | 111.2 | 126.2 | 143.7 | 163.7 | 6.70 | 10.90 | 1.64 |
| 29.8 | 34.8 | 39.8 | 45.8 | 52.3 | 55.8 | 59.8 | 69.9 | 79.9 | 89.9 | 101.9 | 114.9 | 129.9 | 147.4 | 167.4 | 4.90 | 8.00 | 1.65 |
| 29.2 | 34.2 | 39.2 | 45.2 | 51.7 | 55.2 | 59.2 | 69.2 | 79.2 | 89.2 | 101.2 | 114.2 | 129.2 | 146.7 | 166.7 | 5.20 | 8.50 | 1.65 |
| 28.6 | 33.6 | 38.6 | 44.6 | 51.1 | 54.6 | 58.6 | 68.6 | 78.6 | 88.6 | 100.6 | 113.6 | 128.6 | 146.1 | 166.1 | 5.50 | 9.00 | 1.65 |
| 26.9 | 31.9 | 36.9 | 42.9 | 49.4 | 52.9 | 56.9 | 66.9 | 76.9 | 86.9 | 98.9 | 111.9 | 126.9 | 144.4 | 164.5 | 6.30 | 10.30 | 1.65 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.65 | 8.50 | 14.00 | 1058 | 22.93 | 27.73 | 701 | 16.70 | 19.56 | 526 | 13.13 | 15.18 | 417 | 10.75 | 12.33 | — | — | 17.6 |
| 1.65 | 9.75 | 16.00 | 1062 | 27.56 | 32.81 | 704 | 20.25 | 23.27 | 528 | 15.94 | 18.07 | 419 | 13.06 | 14.69 | — | — | — |
| 1.66 | 5.90 | 9.75 | 1052 | 12.34 | 16.48 | 697 | 8.97 | 11.59 | 523 | 7.08 | 9.00 | 415 | 5.82 | 7.33 | 12.6 | 17.6 | 23.1 |
| 1.66 | 8.00 | 13.20 | 1055 | 21.00 | 25.64 | 700 | 15.26 | 18.06 | 525 | 11.99 | 14.01 | 416 | 9.82 | 11.38 | — | 13.1 | 18.7 |
| 1.66 | 11.30 | 18.70 | 1054 | 32.82 | 38.79 | 698 | 24.48 | 27.74 | 524 | 19.35 | 21.59 | 415 | 15.87 | 17.56 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.85** | **0.89** |
| 1.67 | 7.10 | 11.80 | 1047 | 17.39 | 21.79 | 694 | 12.60 | 15.32 | 521 | 9.91 | 11.88 | 413 | 8.13 | 9.66 | — | 15.0 | 20.5 |
| 1.67 | 9.00 | 15.00 | 1045 | 24.83 | 29.79 | 693 | 18.14 | 21.06 | 520 | 14.27 | 16.35 | 412 | 11.69 | 13.28 | — | — | 16.4 |
| 1.68 | 7.50 | 12.50 | 1044 | 19.02 | 23.52 | 692 | 13.80 | 16.55 | 519 | 10.84 | 12.83 | 412 | 8.89 | 10.43 | — | 14.1 | 19.6 |
| 1.69 | 5.50 | 9.25 | 1033 | 10.62 | 14.69 | 685 | 7.74 | 10.34 | 513 | 6.13 | 8.04 | 407 | 5.05 | 6.55 | 13.3 | 18.3 | 23.8 |
| 1.69 | 14.00 | 23.60 | 1035 | 40.56 | 48.28 | 686 | 31.37 | 35.20 | 515 | 25.04 | 27.56 | 408 | 20.61 | 22.46 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.86** | **0.89** |
| 1.70 | 6.70 | 11.30 | 1031 | 15.75 | 20.05 | 684 | 11.42 | 14.09 | 513 | 8.98 | 10.93 | 407 | 7.37 | 8.89 | — | 15.7 | 21.2 |
| 1.70 | 12.50 | 21.20 | 1028 | 36.51 | 43.18 | 682 | 27.63 | 31.12 | 511 | 21.92 | 24.28 | 405 | 18.00 | 19.76 | — | — | — |
| 1.72 | 4.40 | 7.50 | 1017 | 5.72 | 9.63 | 674 | 4.30 | 6.83 | 506 | 3.47 | 5.34 | 401 | 2.90 | 4.37 | 15.6 | 20.6 | 26.1 |
| 1.72 | 10.90 | 18.70 | 1016 | 31.54 | 37.31 | 674 | 23.42 | 26.61 | 505 | 18.49 | 20.70 | 401 | 15.16 | 16.83 | — | — | — |
| 1.74 | 4.65 | 8.00 | 1008 | 6.86 | 10.80 | 668 | 5.10 | 7.64 | 501 | 4.08 | 5.96 | 397 | 3.40 | 4.87 | 15.0 | 20.0 | 25.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.83** | **0.86** | **0.89** |
| 1.74 | 6.30 | 10.90 | 1005 | 14.09 | 18.30 | 666 | 10.22 | 12.86 | 499 | 8.05 | 9.98 | 396 | 6.61 | 8.12 | 11.3 | 16.3 | 21.9 |
| 1.74 | 9.25 | 16.00 | 1007 | 25.79 | 30.84 | 668 | 18.87 | 21.82 | 501 | 14.85 | 16.94 | 397 | 12.16 | 13.76 | — | — | 15.3 |
| 1.75 | 4.90 | 8.50 | 1000 | 7.99 | 11.96 | 663 | 5.89 | 8.44 | 497 | 4.69 | 6.58 | 394 | 3.89 | 5.37 | 14.4 | 19.4 | 24.9 |
| 1.75 | 5.20 | 9.00 | 1003 | 9.33 | 13.34 | 665 | 6.83 | 9.40 | 499 | 5.42 | 7.31 | 395 | 4.48 | 5.96 | 13.7 | 18.8 | 24.3 |
| 1.75 | 16.00 | 28.00 | + | + | + | 661 | 36.04 | 40.44 | 496 | 29.05 | 31.83 | 393 | 24.01 | 26.01 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.80** | **0.85** | **0.88** |
| 1.76 | 5.90 | 10.30 | 995 | 12.39 | 16.52 | 660 | 9.00 | 11.61 | 495 | 7.10 | 9.02 | 392 | 5.84 | 7.34 | 12.1 | 17.1 | 22.7 |
| 1.76 | 8.00 | 14.00 | 995 | 21.05 | 25.67 | 659 | 15.29 | 18.08 | 494 | 12.01 | 14.03 | 392 | 9.84 | 11.40 | — | — | 18.0 |
| 1.77 | 6.70 | 11.80 | 987 | 15.78 | 20.08 | 654 | 11.44 | 14.11 | 491 | 9.00 | 10.95 | 389 | 7.38 | 8.90 | — | 15.3 | 20.8 |
| 1.77 | 7.10 | 12.50 | 988 | 17.44 | 21.82 | 655 | 12.63 | 15.34 | 491 | 9.93 | 11.90 | 390 | 8.14 | 9.67 | — | 14.4 | 19.9 |
| 1.77 | 7.50 | 13.20 | 989 | 19.06 | 23.55 | 655 | 13.82 | 16.57 | 491 | 10.86 | 12.85 | 390 | 8.90 | 10.44 | — | 13.4 | 19.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.85** | **0.88** |
| 1.77 | 8.50 | 15.00 | 987 | 22.99 | 27.77 | 654 | 16.74 | 19.59 | 490 | 13.16 | 15.20 | 389 | 10.78 | 12.35 | — | — | 16.7 |
| 1.79 | 5.20 | 9.25 | 975 | 9.34 | 13.35 | 647 | 6.84 | 9.41 | 485 | 5.43 | 7.32 | 385 | 4.48 | 5.97 | 13.5 | 18.5 | 24.1 |
| 1.79 | 5.50 | 9.75 | 979 | 10.66 | 14.72 | 649 | 7.77 | 10.36 | 487 | 6.15 | 8.05 | 386 | 5.07 | 6.56 | 12.8 | 17.9 | 23.4 |
| 1.79 | 9.00 | 16.00 | 980 | 24.89 | 29.83 | 649 | 18.18 | 21.09 | 487 | 14.30 | 16.37 | 386 | 11.71 | 13.30 | — | — | 15.5 |
| 1.79 | 13.20 | 23.60 | 976 | 38.51 | 45.64 | 647 | 29.42 | 33.06 | 485 | 23.41 | 25.83 | 385 | 19.24 | 21.04 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.85** | **0.89** |
| 1.80 | 11.80 | 21.20 | 970 | 34.45 | 40.69 | 643 | 25.84 | 29.18 | 482 | 20.45 | 22.74 | 383 | 16.78 | 18.50 | — | — | — |
| 1.81 | 6.30 | 11.30 | 969 | 14.12 | 18.32 | 642 | 10.23 | 12.87 | 482 | 8.06 | 9.99 | 382 | 6.62 | 8.13 | — | 16.0 | 21.5 |
| 1.82 | 10.30 | 18.70 | 960 | 29.56 | 35.03 | 636 | 21.82 | 24.91 | 477 | 17.20 | 19.36 | 378 | 14.09 | 15.73 | — | — | — |
| 1.84 | 4.40 | 8.00 | 953 | 5.77 | 9.66 | 631 | 4.33 | 6.85 | 474 | 3.49 | 5.35 | 376 | 2.92 | 4.38 | 15.2 | 20.2 | 25.7 |
| 1.85 | 4.65 | 8.50 | 948 | 6.90 | 10.83 | 628 | 5.13 | 7.66 | 471 | 4.10 | 5.98 | 374 | 3.41 | 4.88 | 14.5 | 19.6 | 25.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.86** | **0.89** |
| 1.85 | 4.90 | 9.00 | 944 | 8.03 | 11.99 | 626 | 5.91 | 8.46 | 469 | 4.71 | 6.59 | 372 | 3.90 | 5.38 | 13.9 | 19.0 | 24.5 |
| 1.86 | 5.90 | 10.90 | 940 | 12.42 | 16.55 | 623 | 9.02 | 11.63 | 467 | 7.12 | 9.03 | 371 | 5.86 | 7.35 | 11.5 | 16.6 | 22.2 |
| 1.87 | 7.10 | 13.20 | 935 | 17.47 | 21.85 | 620 | 12.66 | 15.36 | 465 | 9.95 | 11.91 | 369 | 8.16 | 9.68 | — | 13.7 | 19.3 |
| 1.87 | 15.00 | 28.00 | + | + | + | 619 | 33.79 | 37.88 | 465 | 27.09 | 29.73 | 368 | 22.34 | 24.26 | — | — | — |
| 1.88 | 6.70 | 12.50 | 931 | 15.82 | 20.11 | 617 | 11.46 | 14.13 | 463 | 9.02 | 10.96 | 367 | 7.40 | 8.91 | — | 14.6 | 20.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.86** | **0.89** |
| 1.88 | 7.50 | 14.00 | 932 | 19.10 | 23.58 | 618 | 13.85 | 16.59 | 463 | 10.88 | 12.86 | 367 | 8.92 | 10.45 | — | — | 18.3 |
| 1.88 | 11.30 | 21.20 | 929 | 32.91 | 38.86 | 616 | 24.54 | 27.78 | 462 | 19.39 | 21.63 | 366 | 15.90 | 17.59 | — | — | — |
| 1.89 | 5.20 | 9.75 | 925 | 9.38 | 13.38 | 613 | 6.86 | 9.42 | 460 | 5.44 | 7.33 | 365 | 4.50 | 5.98 | 13.1 | 18.1 | 23.6 |
| 1.89 | 5.50 | 10.30 | 926 | 10.70 | 14.75 | 614 | 7.79 | 10.37 | 461 | 6.17 | 8.06 | 365 | 5.08 | 6.57 | 12.4 | 17.4 | 23.0 |
| 1.89 | 6.30 | 11.80 | 927 | 14.14 | 18.34 | 615 | 10.25 | 12.89 | 461 | 8.07 | 10.00 | 366 | 6.63 | 8.14 | — | 15.5 | 21.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.85** | **0.88** |
| 1.89 | 8.00 | 15.00 | 928 | 21.09 | 25.71 | 615 | 15.32 | 18.11 | 461 | 12.04 | 14.04 | 366 | 9.86 | 11.41 | — | — | 17.1 |
| 1.89 | 8.50 | 16.00 | 925 | 23.03 | 27.80 | 613 | 16.77 | 19.61 | 460 | 13.18 | 15.22 | 365 | 10.79 | 12.36 | — | — | 15.8 |
| 1.90 | 12.50 | 23.60 | 923 | 36.58 | 43.23 | 612 | 27.67 | 31.15 | 459 | 21.96 | 24.30 | 364 | 18.03 | 19.78 | — | — | — |
| 1.91 | 4.90 | 9.25 | 918 | 8.05 | 12.00 | 609 | 5.93 | 8.47 | 456 | 4.72 | 6.60 | 362 | 3.91 | 5.39 | 13.7 | 18.8 | 24.3 |
| 1.93 | 5.90 | 11.30 | 906 | 12.44 | 16.56 | 601 | 9.04 | 11.64 | 451 | 7.13 | 9.04 | 357 | 5.86 | 7.36 | 11.2 | 16.3 | 21.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.85** | **0.89** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 22.2 | 27.2 | 32.2 | 38.2 | 44.7 | 48.3 | 52.3 | 62.3 | 72.3 | 82.3 | 94.3 | 107.3 | 122.3 | 139.8 | 159.8 | 8.50 | 14.00 | 1.65 |
| 19.5 | 24.6 | 29.6 | 35.6 | 42.2 | 45.7 | 49.7 | 59.7 | 69.7 | 79.7 | 91.7 | 104.7 | 119.7 | 137.2 | 157.2 | 9.75 | 16.00 | 1.65 |
| 27.6 | 32.7 | 37.7 | 43.7 | 50.2 | 53.7 | 57.7 | 67.7 | 77.7 | 87.7 | 99.7 | 112.7 | 127.7 | 145.2 | 165.2 | 5.90 | 9.75 | 1.66 |
| 23.2 | 28.2 | 33.2 | 39.3 | 45.8 | 49.3 | 53.3 | 63.3 | 73.3 | 83.3 | 95.3 | 108.3 | 123.3 | 140.8 | 160.8 | 8.00 | 13.20 | 1.66 |
| — | 21.1 | 26.2 | 32.2 | 38.8 | 42.3 | 46.3 | 56.3 | 66.3 | 76.3 | 88.4 | 101.4 | 116.4 | 133.9 | 153.9 | 11.30 | 18.70 | 1.66 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 25.0 | 30.1 | 35.1 | 41.1 | 47.6 | 51.1 | 55.1 | 65.1 | 75.1 | 85.1 | 97.1 | 110.1 | 125.1 | 142.6 | 162.6 | 7.10 | 11.80 | 1.67 |
| 20.9 | 26.0 | 31.0 | 37.0 | 43.5 | 47.1 | 51.1 | 61.1 | 71.1 | 81.1 | 93.1 | 106.1 | 121.1 | 138.6 | 158.6 | 9.00 | 15.00 | 1.67 |
| 24.2 | 29.2 | 34.2 | 40.2 | 46.7 | 50.2 | 54.2 | 64.2 | 74.3 | 84.3 | 96.3 | 109.3 | 124.3 | 141.8 | 161.8 | 7.50 | 12.50 | 1.68 |
| 28.4 | 33.4 | 38.4 | 44.4 | 50.9 | 54.4 | 58.4 | 68.4 | 78.4 | 88.4 | 100.4 | 113.4 | 128.3 | 145.9 | 165.9 | 5.50 | 9.25 | 1.69 |
| — | — | — | 26.0 | 32.6 | 36.2 | 40.2 | 50.2 | 60.3 | 70.3 | 82.3 | 95.3 | 110.4 | 127.9 | 147.9 | 14.00 | 23.60 | 1.69 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 25.8 | 30.8 | 35.8 | 41.8 | 48.3 | 51.8 | 55.8 | 65.8 | 75.8 | 85.8 | 97.8 | 110.8 | 125.8 | 143.3 | 163.3 | 6.70 | 11.30 | 1.70 |
| — | — | 23.1 | 29.2 | 35.8 | 39.3 | 43.3 | 53.4 | 63.4 | 73.4 | 85.4 | 98.4 | 113.4 | 131.0 | 151.0 | 12.50 | 21.20 | 1.70 |
| 30.6 | 35.6 | 40.6 | 46.6 | 53.1 | 56.6 | 60.6 | 70.6 | 80.6 | 90.6 | 102.6 | 115.6 | 130.6 | 148.1 | 168.1 | 4.40 | 7.50 | 1.72 |
| — | 21.4 | 26.5 | 32.5 | 39.1 | 42.6 | 46.6 | 56.6 | 66.6 | 76.7 | 88.7 | 101.7 | 116.7 | 134.2 | 154.2 | 10.90 | 18.70 | 1.72 |
| 30.0 | 35.0 | 40.0 | 46.0 | 52.5 | 56.0 | 60.0 | 70.0 | 80.0 | 90.0 | 102.1 | 115.1 | 130.1 | 147.6 | 167.6 | 4.65 | 8.00 | 1.74 |
| **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 26.4 | 31.4 | 36.4 | 42.4 | 48.9 | 52.4 | 56.4 | 66.5 | 76.5 | 86.5 | 98.5 | 111.5 | 126.5 | 144.0 | 164.0 | 6.30 | 10.90 | 1.74 |
| 19.9 | 24.9 | 30.0 | 36.0 | 42.5 | 46.0 | 50.1 | 60.1 | 70.1 | 80.1 | 92.1 | 105.1 | 120.1 | 137.6 | 157.6 | 9.25 | 16.00 | 1.74 |
| 29.4 | 34.4 | 39.4 | 45.4 | 51.9 | 55.4 | 59.4 | 69.5 | 79.5 | 89.5 | 101.5 | 114.5 | 129.5 | 147.0 | 167.0 | 4.90 | 8.50 | 1.75 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.8 | 78.8 | 88.8 | 100.8 | 113.8 | 128.8 | 146.3 | 166.3 | 5.20 | 9.00 | 1.75 |
| — | — | — | — | 27.3 | 30.9 | 34.9 | 45.0 | 55.1 | 65.2 | 77.2 | 90.2 | 105.3 | 122.8 | 142.8 | 16.00 | 28.00 | 1.75 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 27.2 | 32.2 | 37.2 | 43.2 | 49.7 | 53.2 | 57.2 | 67.2 | 77.2 | 87.2 | 99.3 | 112.2 | 127.3 | 144.8 | 164.8 | 5.90 | 10.30 | 1.76 |
| 22.5 | 27.6 | 32.6 | 38.6 | 45.1 | 48.6 | 52.6 | 62.6 | 72.7 | 82.7 | 94.7 | 107.7 | 122.7 | 140.2 | 160.2 | 8.00 | 14.00 | 1.76 |
| 25.3 | 30.4 | 35.4 | 41.4 | 47.9 | 51.4 | 55.4 | 65.4 | 75.4 | 85.4 | 97.4 | 110.4 | 125.4 | 142.9 | 163.0 | 6.70 | 11.80 | 1.77 |
| 24.5 | 29.5 | 34.5 | 40.5 | 47.0 | 50.5 | 54.5 | 64.5 | 74.6 | 84.6 | 96.6 | 109.6 | 124.6 | 142.1 | 162.1 | 7.10 | 12.50 | 1.77 |
| 23.6 | 28.6 | 33.6 | 39.6 | 46.2 | 49.7 | 53.7 | 63.7 | 73.7 | 83.7 | 95.7 | 108.7 | 123.7 | 141.2 | 161.2 | 7.50 | 13.20 | 1.77 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 21.3 | 26.3 | 31.4 | 37.4 | 43.9 | 47.4 | 51.4 | 61.5 | 71.5 | 81.5 | 93.5 | 106.5 | 121.5 | 139.0 | 159.0 | 8.50 | 15.00 | 1.77 |
| 28.6 | 33.6 | 38.6 | 44.6 | 51.1 | 54.6 | 58.6 | 68.6 | 78.6 | 88.6 | 100.6 | 113.6 | 128.6 | 146.1 | 166.1 | 5.20 | 9.25 | 1.79 |
| 27.9 | 33.0 | 38.0 | 44.0 | 50.5 | 54.0 | 58.0 | 68.0 | 78.0 | 88.0 | 100.0 | 113.0 | 128.0 | 145.5 | 165.5 | 5.50 | 9.75 | 1.79 |
| 20.1 | 25.1 | 30.2 | 36.2 | 42.7 | 46.2 | 50.2 | 60.3 | 70.3 | 80.3 | 92.3 | 105.3 | 120.3 | 137.8 | 157.8 | 9.00 | 16.00 | 1.79 |
| — | — | — | 26.6 | 33.2 | 36.7 | 40.8 | 50.8 | 60.9 | 70.9 | 82.9 | 96.0 | 111.0 | 128.5 | 148.5 | 13.20 | 23.60 | 1.79 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| — | — | 23.6 | 29.7 | 36.3 | 39.8 | 43.8 | 53.9 | 63.9 | 73.9 | 86.0 | 99.0 | 114.0 | 131.5 | 151.5 | 11.80 | 21.20 | 1.80 |
| 26.1 | 31.1 | 36.1 | 42.1 | 48.6 | 52.1 | 56.1 | 66.1 | 76.1 | 86.1 | 98.1 | 111.1 | 126.2 | 143.7 | 163.7 | 6.30 | 11.30 | 1.81 |
| — | 21.8 | 26.9 | 33.0 | 39.5 | 43.0 | 47.0 | 57.1 | 67.1 | 77.1 | 89.1 | 102.1 | 117.1 | 134.7 | 154.7 | 10.30 | 18.70 | 1.82 |
| 30.2 | 35.2 | 40.2 | 46.2 | 52.7 | 56.2 | 60.2 | 70.2 | 80.2 | 90.2 | 102.2 | 115.2 | 130.2 | 147.8 | 167.8 | 4.40 | 8.00 | 1.84 |
| 29.6 | 34.6 | 39.6 | 45.6 | 52.1 | 55.6 | 59.6 | 69.6 | 79.6 | 89.7 | 101.7 | 114.7 | 129.7 | 147.2 | 167.2 | 4.65 | 8.50 | 1.85 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 29.0 | 34.0 | 39.0 | 45.0 | 51.5 | 55.0 | 59.0 | 69.1 | 79.1 | 89.1 | 101.1 | 114.1 | 129.1 | 146.6 | 166.6 | 4.90 | 9.00 | 1.85 |
| 26.7 | 31.7 | 36.7 | 42.7 | 49.2 | 52.7 | 56.8 | 66.8 | 76.8 | 86.8 | 98.8 | 111.8 | 126.8 | 144.3 | 164.3 | 5.90 | 10.90 | 1.86 |
| 23.9 | 28.9 | 33.9 | 39.9 | 46.5 | 50.0 | 54.0 | 64.0 | 74.0 | 84.0 | 96.0 | 109.0 | 124.0 | 141.5 | 161.5 | 7.10 | 13.20 | 1.87 |
| — | — | — | — | 28.0 | 31.6 | 35.6 | 45.8 | 55.8 | 65.9 | 78.0 | 91.0 | 106.0 | 123.6 | 143.6 | 15.00 | 28.00 | 1.87 |
| 24.8 | 29.8 | 34.8 | 40.8 | 47.3 | 50.8 | 54.8 | 64.9 | 74.9 | 84.9 | 96.9 | 109.9 | 125.9 | 142.4 | 162.4 | 6.70 | 12.50 | 1.88 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 22.9 | 27.9 | 33.0 | 39.0 | 45.5 | 49.0 | 53.0 | 63.0 | 73.0 | 83.1 | 95.1 | 108.1 | 123.1 | 140.6 | 160.6 | 7.50 | 14.00 | 1.88 |
| — | 18.8 | 24.0 | 30.1 | 36.6 | 40.2 | 44.2 | 54.2 | 64.3 | 74.3 | 86.3 | 99.4 | 114.4 | 131.9 | 151.9 | 11.30 | 21.20 | 1.88 |
| 28.2 | 33.2 | 38.2 | 44.2 | 50.7 | 54.2 | 58.2 | 68.2 | 78.2 | 88.2 | 100.2 | 113.2 | 128.2 | 145.7 | 165.7 | 5.20 | 9.75 | 1.89 |
| 27.5 | 32.5 | 37.5 | 43.5 | 50.0 | 53.5 | 57.5 | 67.5 | 77.6 | 87.6 | 99.6 | 112.6 | 127.6 | 145.1 | 165.1 | 5.50 | 10.30 | 1.89 |
| 25.6 | 30.7 | 35.7 | 41.7 | 48.2 | 51.7 | 55.7 | 65.7 | 75.7 | 85.7 | 97.7 | 110.8 | 125.8 | 143.3 | 163.3 | 6.30 | 11.80 | 1.89 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 21.7 | 26.7 | 31.7 | 37.8 | 44.3 | 47.8 | 51.8 | 61.8 | 71.9 | 81.9 | 93.9 | 106.9 | 121.9 | 139.4 | 159.4 | 8.00 | 15.00 | 1.89 |
| 20.4 | 25.5 | 30.5 | 36.6 | 43.1 | 46.6 | 50.6 | 60.6 | 70.7 | 80.7 | 92.7 | 105.7 | 120.7 | 138.2 | 158.2 | 8.50 | 16.00 | 1.89 |
| — | — | 20.9 | 27.1 | 33.7 | 37.2 | 41.3 | 51.3 | 61.4 | 71.4 | 83.5 | 96.5 | 111.5 | 129.0 | 149.0 | 12.50 | 23.60 | 1.90 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.9 | 78.9 | 88.9 | 100.9 | 113.9 | 128.9 | 146.4 | 166.4 | 4.90 | 9.25 | 1.91 |
| 26.4 | 31.4 | 36.4 | 42.4 | 48.9 | 52.4 | 56.4 | 66.4 | 76.4 | 86.4 | 98.5 | 111.5 | 126.5 | 144.0 | 164.0 | 5.90 | 11.30 | 1.93 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 1.93 | 9.75 | 18.70 | 908 | 27.66 | 32.89 | 602 | 20.32 | 23.32 | 451 | 16.00 | 18.11 | 358 | 13.10 | 14.72 | — | — | — |
| 1.95 | 4.40 | 8.50 | 896 | 5.80 | 9.69 | 594 | 4.35 | 6.87 | 445 | 3.50 | 5.37 | 353 | 2.93 | 4.39 | 14.7 | 19.8 | 25.3 |
| 1.95 | 10.90 | 21.20 | 896 | 31.62 | 37.37 | 594 | 23.48 | 26.65 | 445 | 18.53 | 20.73 | 353 | 15.19 | 16.86 | — | — | — |
| 1.96 | 4.65 | 9.00 | 895 | 6.93 | 10.86 | 593 | 5.15 | 7.67 | 445 | 4.12 | 5.99 | 353 | 3.42 | 4.89 | 14.1 | 19.2 | 24.7 |
| 1.97 | 16.00 | 31.50 | + | + | + | 587 | 36.09 | 40.47 | 441 | 29.08 | 31.85 | 349 | 24.04 | 26.03 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.82** | **0.83** | **0.84** |
| 1.98 | 6.70 | 13.20 | 882 | 15.85 | 20.12 | 584 | 11.48 | 14.14 | 438 | 9.03 | 10.97 | 348 | 7.41 | 8.92 | — | — | — |
| 1.99 | 7.10 | 14.00 | 881 | 17.50 | 21.87 | 584 | 12.68 | 15.38 | 438 | 9.97 | 11.93 | 347 | 8.17 | 9.69 | — | — | — |
| 2.00 | 5.20 | 10.30 | 875 | 9.40 | 13.40 | 580 | 6.88 | 9.44 | 435 | 5.46 | 7.34 | 345 | 4.51 | 5.99 | 12.6 | 14.1 | 15.6 |
| 2.00 | 5.50 | 10.90 | 875 | 10.72 | 14.77 | 580 | 7.81 | 10.39 | 435 | 6.18 | 8.07 | 345 | 5.09 | 6.58 | 11.8 | 13.3 | 14.9 |
| 2.00 | 6.30 | 12.50 | 875 | 14.17 | 18.36 | 580 | 10.27 | 12.90 | 435 | 8.09 | 10.01 | 345 | 6.64 | 8.14 | — | — | 12.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.80** | **0.82** | **0.83** |
| 2.01 | 4.65 | 9.25 | 870 | 6.95 | 10.86 | 577 | 5.15 | 7.68 | 433 | 4.12 | 5.99 | 343 | 3.43 | 4.89 | 13.9 | 15.4 | 16.9 |
| 2.01 | 4.90 | 9.75 | 870 | 8.07 | 12.02 | 577 | 5.94 | 8.48 | 433 | 4.73 | 6.61 | 343 | 3.92 | 5.39 | 13.3 | 14.8 | 16.3 |
| 2.01 | 7.50 | 15.00 | 869 | 19.13 | 23.60 | 576 | 13.87 | 16.60 | 432 | 10.90 | 12.88 | 343 | 8.93 | 10.46 | — | — | — |
| 2.01 | 8.00 | 16.00 | 869 | 21.12 | 25.73 | 576 | 15.34 | 18.12 | 432 | 12.05 | 14.06 | 343 | 9.87 | 11.42 | — | — | — |
| 2.01 | 11.80 | 23.60 | 871 | 34.51 | 40.73 | 578 | 25.88 | 29.21 | 433 | 20.48 | 22.76 | 344 | 16.80 | 18.52 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.83** | **0.84** |
| 2.01 | 14.00 | 28.00 | 872 | 40.66 | 48.36 | 578 | 31.43 | 35.25 | 433 | 25.09 | 27.59 | 344 | 20.65 | 22.49 | — | — | — |
| 2.02 | 5.90 | 11.80 | 868 | 12.46 | 16.58 | 575 | 9.05 | 11.65 | 431 | 7.14 | 9.05 | 342 | 5.87 | 7.36 | — | 12.2 | 13.8 |
| 2.03 | 9.25 | 18.70 | 861 | 25.88 | 30.90 | 571 | 18.93 | 21.86 | 428 | 14.89 | 16.97 | 339 | 12.19 | 13.79 | — | — | — |
| 2.07 | 4.40 | 9.00 | 846 | 5.82 | 9.71 | 560 | 4.37 | 6.88 | 420 | 3.52 | 5.38 | 333 | 2.94 | 4.40 | 14.3 | 15.8 | 17.3 |
| 2.07 | 5.50 | 11.30 | 844 | 10.74 | 14.78 | 559 | 7.82 | 10.40 | 419 | 6.19 | 8.08 | 333 | 5.10 | 6.58 | 11.4 | 13.0 | 14.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.83** | **0.84** |
| 2.07 | 10.30 | 21.20 | 846 | 29.62 | 35.08 | 561 | 21.86 | 24.94 | 421 | 17.23 | 19.38 | 334 | 14.12 | 15.75 | — | — | — |
| 2.09 | 9.00 | 18.70 | 837 | 24.96 | 29.89 | 555 | 18.23 | 21.13 | 416 | 14.33 | 16.40 | 330 | 11.74 | 13.32 | — | — | — |
| 2.10 | 11.30 | 23.60 | 834 | 32.95 | 38.90 | 553 | 24.57 | 27.81 | 415 | 19.41 | 21.65 | 329 | 15.92 | 17.60 | — | — | — |
| 2.11 | 6.30 | 13.20 | 828 | 14.19 | 18.38 | 549 | 10.28 | 12.91 | 412 | 8.10 | 10.02 | 327 | 6.65 | 8.15 | — | — | 12.2 |
| 2.11 | 6.70 | 14.00 | 831 | 15.87 | 20.14 | 551 | 11.49 | 14.15 | 413 | 9.04 | 10.98 | 328 | 7.42 | 8.93 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.80** |
| 2.11 | 15.00 | 31.50 | + | + | + | 550 | 33.83 | 37.91 | 413 | 27.12 | 29.75 | 327 | 22.37 | 24.28 | — | — | — |
| 2.12 | 4.65 | 9.75 | 825 | 6.97 | 10.88 | 547 | 5.17 | 7.69 | 410 | 4.13 | 6.00 | 325 | 3.44 | 4.90 | 13.4 | 15.0 | 16.5 |
| 2.12 | 4.90 | 10.30 | 824 | 8.09 | 12.04 | 546 | 5.95 | 8.49 | 409 | 4.74 | 6.61 | 325 | 3.93 | 5.40 | 12.8 | 14.3 | 15.8 |
| 2.12 | 5.20 | 10.90 | 826 | 9.42 | 13.42 | 548 | 6.89 | 9.45 | 411 | 5.47 | 7.35 | 326 | 4.52 | 5.99 | 12.0 | 13.6 | 15.1 |
| 2.13 | 4.40 | 9.25 | 822 | 5.83 | 9.72 | 545 | 4.37 | 6.88 | 409 | 3.52 | 5.38 | 324 | 2.94 | 4.40 | 14.1 | 15.6 | 17.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.81** | **0.82** | **0.83** |
| 2.13 | 7.10 | 15.00 | 822 | 17.53 | 21.89 | 545 | 12.69 | 15.39 | 409 | 9.98 | 11.94 | 324 | 8.18 | 9.70 | — | — | — |
| 2.13 | 13.20 | 28.00 | 822 | 38.60 | 45.70 | 545 | 29.48 | 33.10 | 408 | 23.45 | 25.86 | 324 | 19.28 | 21.06 | — | — | — |
| 2.14 | 5.90 | 12.50 | 819 | 12.49 | 16.59 | 543 | 9.06 | 11.66 | 407 | 7.15 | 9.06 | 323 | 5.88 | 7.37 | — | 11.6 | 13.1 |
| 2.15 | 7.50 | 16.00 | 814 | 19.16 | 23.62 | 540 | 13.88 | 16.62 | 405 | 10.91 | 12.89 | 321 | 8.94 | 10.47 | — | — | — |
| 2.17 | 5.50 | 11.80 | 808 | 10.75 | 14.79 | 535 | 7.83 | 10.40 | 402 | 6.19 | 8.09 | 318 | 5.11 | 6.59 | 11.0 | 12.5 | 14.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.78** | **0.80** | **0.81** |
| 2.18 | 10.90 | 23.60 | 804 | 31.66 | 37.40 | 533 | 23.50 | 26.67 | 400 | 18.55 | 20.75 | 317 | 15.21 | 16.87 | — | — | — |
| 2.19 | 9.75 | 21.20 | 800 | 27.71 | 32.93 | 531 | 20.35 | 23.34 | 398 | 16.02 | 18.13 | 316 | 13.12 | 14.73 | — | — | — |
| 2.20 | 5.20 | 11.30 | 797 | 9.44 | 13.43 | 528 | 6.90 | 9.45 | 396 | 5.47 | 7.36 | 314 | 4.52 | 6.00 | 11.6 | 13.2 | 14.7 |
| 2.21 | 8.50 | 18.70 | 790 | 23.09 | 27.85 | 524 | 26.81 | 19.64 | 393 | 13.21 | 15.24 | 312 | 10.82 | 12.38 | — | — | — |
| 2.24 | 4.40 | 9.75 | 780 | 5.85 | 9.73 | 517 | 4.38 | 6.89 | 388 | 3.53 | 5.39 | 307 | 2.95 | 4.41 | 13.6 | 15.2 | 16.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.79** | **0.80** | **0.82** |
| 2.24 | 4.65 | 10.30 | 781 | 6.98 | 10.89 | 517 | 5.18 | 7.70 | 388 | 4.14 | 6.00 | 308 | 3.44 | 4.91 | 13.0 | 14.5 | 16.0 |
| 2.24 | 6.30 | 14.00 | 781 | 14.21 | 18.39 | 517 | 10.29 | 12.92 | 388 | 8.11 | 10.03 | 308 | 6.66 | 8.16 | — | — | — |
| 2.25 | 4.90 | 10.90 | 778 | 8.11 | 12.05 | 516 | 5.97 | 8.50 | 387 | 4.75 | 6.62 | 307 | 3.94 | 5.40 | 12.2 | 13.8 | 15.3 |
| 2.25 | 12.50 | 28.00 | 778 | 36.65 | 43.28 | 516 | 27.72 | 31.19 | 387 | 21.99 | 24.33 | 307 | 18.06 | 19.80 | — | — | — |
| 2.26 | 5.90 | 13.20 | 775 | 12.50 | 16.61 | 514 | 9.07 | 11.67 | 385 | 7.16 | 9.06 | 305 | 5.89 | 7.38 | — | — | 12.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.80** | **0.81** | **0.83** |
| 2.26 | 6.70 | 15.00 | 775 | 15.89 | 20.16 | 514 | 11.51 | 14.16 | 385 | 9.05 | 10.99 | 306 | 7.42 | 8.93 | — | — | — |
| 2.26 | 14.00 | 31.50 | 775 | 40.70 | 48.39 | 514 | 31.46 | 35.27 | 385 | 25.11 | 27.61 | 305 | 20.67 | 22.51 | — | — | — |
| 2.27 | 7.10 | 16.00 | 770 | 17.55 | 21.91 | 511 | 12.71 | 15.40 | 383 | 9.99 | 11.94 | 304 | 8.19 | 9.71 | — | — | — |
| 2.29 | 5.20 | 11.80 | 763 | 9.45 | 13.43 | 506 | 6.91 | 9.46 | 379 | 5.48 | 7.36 | 301 | 4.53 | 6.00 | 11.2 | 12.7 | 14.3 |
| 2.30 | 5.50 | 12.50 | 762 | 10.77 | 14.80 | 505 | 7.84 | 10.41 | 379 | 6.20 | 8.09 | 300 | 5.11 | 6.59 | — | 11.8 | 13.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.77** | **0.79** | **0.81** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 17.1 | 22.2 | 27.3 | 33.4 | 39.9 | 43.4 | 47.4 | 57.5 | 67.5 | 77.5 | 89.5 | 102.6 | 117.6 | 135.1 | 155.1 | 9.75 | 18.70 | 1.93 |
| 29.8 | 34.8 | 39.8 | 45.8 | 52.3 | 55.8 | 59.8 | 69.8 | 79.8 | 89.8 | 101.8 | 114.9 | 129.9 | 147.4 | 167.4 | 4.40 | 8.50 | 1.95 |
| — | 19.1 | 24.2 | 30.4 | 36.9 | 40.5 | 44.5 | 54.5 | 64.6 | 74.6 | 86.6 | 99.7 | 114.7 | 132.3 | 152.2 | 10.90 | 21.20 | 1.95 |
| 29.2 | 34.2 | 39.2 | 45.2 | 51.7 | 55.2 | 59.2 | 69.2 | 79.2 | 89.3 | 101.3 | 114.3 | 129.3 | 146.8 | 166.8 | 4.65 | 9.00 | 1.96 |
| — | — | — | — | — | 27.6 | 31.7 | 42.0 | 52.1 | 62.2 | 74.3 | 87.3 | 102.4 | 119.9 | 140.0 | 16.00 | 31.50 | 1.97 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 24.2 | 29.2 | 34.2 | 40.2 | 46.8 | 50.3 | 54.3 | 64.3 | 74.3 | 84.3 | 96.3 | 109.3 | 124.3 | 141.8 | 161.8 | 6.70 | 13.20 | 1.98 |
| 23.2 | 28.2 | 33.2 | 39.3 | 45.8 | 49.3 | 53.3 | 63.3 | 73.3 | 83.4 | 95.4 | 108.4 | 123.4 | 140.9 | 160.9 | 7.10 | 14.00 | 1.99 |
| 27.7 | 32.7 | 37.7 | 43.8 | 50.3 | 53.8 | 57.8 | 67.8 | 77.8 | 87.8 | 99.8 | 112.8 | 127.8 | 145.3 | 165.3 | 5.20 | 10.30 | 2.00 |
| 27.0 | 32.0 | 37.0 | 43.0 | 49.5 | 53.1 | 57.1 | 67.1 | 77.1 | 87.1 | 99.1 | 112.1 | 127.1 | 144.6 | 164.6 | 5.50 | 10.90 | 2.00 |
| 25.0 | 30.1 | 35.1 | 41.1 | 47.6 | 51.1 | 55.1 | 65.2 | 75.2 | 85.2 | 97.2 | 110.2 | 125.2 | 142.7 | 162.7 | 6.30 | 12.50 | 2.00 |
| **0.90** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.14** | **1.16** | | | |
| 29.0 | 34.0 | 39.0 | 45.0 | 51.5 | 55.0 | 59.0 | 69.0 | 79.0 | 89.1 | 101.1 | 114.1 | 129.1 | 146.6 | 166.6 | 4.65 | 9.25 | 2.01 |
| 28.4 | 33.4 | 38.4 | 44.4 | 50.9 | 54.4 | 58.4 | 68.5 | 78.5 | 88.5 | 100.5 | 113.5 | 128.5 | 146.0 | 166.0 | 4.90 | 9.75 | 2.01 |
| 22.0 | 27.1 | 32.1 | 38.1 | 44.7 | 48.2 | 52.2 | 62.2 | 72.2 | 82.2 | 94.3 | 107.3 | 122.3 | 139.8 | 159.8 | 7.50 | 15.00 | 2.01 |
| 20.8 | 25.8 | 30.9 | 36.9 | 43.5 | 47.0 | 51.0 | 61.0 | 71.0 | 81.1 | 93.1 | 106.1 | 121.1 | 138.6 | 158.6 | 8.00 | 16.00 | 2.01 |
| — | — | 21.4 | 27.6 | 34.2 | 37.7 | 41.8 | 51.9 | 61.9 | 72.0 | 84.0 | 97.0 | 112.0 | 129.6 | 149.6 | 11.80 | 23.60 | 2.01 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| — | — | — | — | 28.7 | 32.3 | 36.3 | 46.5 | 56.6 | 66.6 | 78.7 | 91.7 | 106.8 | 124.3 | 144.3 | 14.00 | 28.00 | 2.01 |
| 25.9 | 31.0 | 36.0 | 42.0 | 48.5 | 52.0 | 56.0 | 66.0 | 76.0 | 86.0 | 98.1 | 111.1 | 126.1 | 143.6 | 163.6 | 5.90 | 11.80 | 2.02 |
| 17.4 | 22.6 | 27.6 | 33.7 | 40.3 | 43.8 | 47.8 | 57.9 | 67.9 | 77.9 | 89.9 | 102.9 | 118.0 | 135.5 | 155.5 | 9.25 | 18.70 | 2.03 |
| 29.4 | 34.4 | 39.4 | 45.4 | 51.9 | 55.4 | 59.4 | 69.4 | 79.4 | 89.4 | 101.4 | 114.5 | 129.5 | 147.0 | 167.0 | 4.40 | 9.00 | 2.07 |
| 26.6 | 31.7 | 36.7 | 42.7 | 49.2 | 52.7 | 56.7 | 66.7 | 76.8 | 86.8 | 98.8 | 111.8 | 126.8 | 144.3 | 164.3 | 5.50 | 11.30 | 2.07 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| — | 19.5 | 24.7 | 30.8 | 37.4 | 40.9 | 44.9 | 55.0 | 65.0 | 75.1 | 87.1 | 100.1 | 115.1 | 132.6 | 152.7 | 10.30 | 21.20 | 2.07 |
| 17.6 | 22.7 | 27.8 | 33.9 | 40.5 | 44.0 | 48.0 | 58.0 | 68.1 | 78.1 | 90.1 | 103.1 | 118.1 | 135.7 | 155.7 | 9.00 | 18.70 | 2.09 |
| — | — | 21.7 | 27.9 | 34.5 | 38.1 | 42.1 | 52.2 | 62.3 | 72.3 | 84.4 | 97.4 | 112.4 | 129.9 | 150.0 | 11.30 | 23.60 | 2.10 |
| 24.4 | 29.5 | 34.5 | 40.5 | 47.1 | 50.6 | 54.6 | 64.6 | 74.6 | 84.6 | 96.6 | 109.6 | 124.6 | 142.1 | 162.1 | 6.30 | 13.20 | 2.11 |
| 23.5 | 28.5 | 33.5 | 39.6 | 46.1 | 49.6 | 53.6 | 63.6 | 73.7 | 83.7 | 95.7 | 108.7 | 123.7 | 141.2 | 161.2 | 6.70 | 14.00 | 2.11 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | — | — | — | 28.3 | 32.4 | 42.7 | 52.8 | 62.9 | 75.0 | 88.1 | 103.1 | 120.7 | 140.7 | 15.00 | 31.50 | 2.11 |
| 28.6 | 33.6 | 38.6 | 44.6 | 51.1 | 54.6 | 58.6 | 68.6 | 78.6 | 88.7 | 100.7 | 113.7 | 128.7 | 146.2 | 166.2 | 4.65 | 9.75 | 2.12 |
| 27.9 | 33.0 | 38.0 | 44.0 | 50.5 | 54.0 | 58.0 | 68.0 | 78.0 | 88.0 | 100.0 | 113.0 | 128.0 | 145.5 | 165.5 | 4.90 | 10.30 | 2.12 |
| 27.2 | 32.2 | 37.2 | 43.3 | 49.8 | 53.3 | 57.3 | 67.3 | 77.3 | 87.3 | 99.3 | 112.3 | 127.3 | 144.8 | 164.8 | 5.20 | 10.90 | 2.12 |
| 29.2 | 34.2 | 39.2 | 45.2 | 51.7 | 55.2 | 59.2 | 69.2 | 79.2 | 89.2 | 101.3 | 114.3 | 129.3 | 146.8 | 166.8 | 4.40 | 9.25 | 2.13 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.14** | **1.16** | | | |
| 22.3 | 27.4 | 32.4 | 38.4 | 45.0 | 48.5 | 52.5 | 62.5 | 72.5 | 82.5 | 94.6 | 107.6 | 122.6 | 140.1 | 160.1 | 7.10 | 15.00 | 2.13 |
| — | — | — | — | 29.2 | 32.8 | 36.9 | 47.1 | 57.2 | 67.2 | 79.3 | 92.3 | 107.4 | 124.9 | 145.0 | 13.20 | 28.00 | 2.13 |
| 25.3 | 30.4 | 35.4 | 41.4 | 47.9 | 51.4 | 55.5 | 65.5 | 75.5 | 85.5 | 97.5 | 110.5 | 125.5 | 143.0 | 163.0 | 5.90 | 12.50 | 2.14 |
| 21.1 | 26.2 | 31.3 | 37.3 | 43.8 | 47.4 | 51.4 | 61.4 | 71.4 | 81.4 | 93.4 | 106.5 | 121.5 | 139.0 | 159.0 | 7.50 | 16.00 | 2.15 |
| 26.2 | 31.3 | 36.3 | 42.3 | 48.8 | 52.3 | 56.3 | 66.3 | 76.3 | 86.4 | 98.4 | 111.4 | 126.4 | 143.9 | 163.9 | 5.50 | 11.80 | 2.17 |
| **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | 22.0 | 28.2 | 34.8 | 38.4 | 42.4 | 52.5 | 62.6 | 72.6 | 84.7 | 97.7 | 112.7 | 130.2 | 150.3 | 10.90 | 23.60 | 2.18 |
| — | 19.9 | 25.0 | 31.2 | 37.8 | 41.3 | 45.3 | 55.4 | 65.4 | 75.5 | 87.5 | 100.5 | 115.6 | 133.1 | 153.1 | 9.75 | 21.20 | 2.19 |
| 26.9 | 31.9 | 36.9 | 42.9 | 49.4 | 53.0 | 57.0 | 67.0 | 77.0 | 87.0 | 99.0 | 112.0 | 127.0 | 144.5 | 164.5 | 5.20 | 11.30 | 2.20 |
| 17.9 | 23.1 | 28.2 | 34.3 | 40.8 | 44.3 | 48.4 | 58.4 | 68.4 | 78.5 | 90.5 | 103.5 | 118.5 | 136.0 | 156.1 | 8.50 | 18.70 | 2.21 |
| 28.8 | 33.8 | 38.8 | 44.8 | 51.3 | 54.8 | 58.8 | 68.8 | 78.8 | 88.8 | 100.9 | 113.9 | 128.9 | 146.4 | 166.4 | 4.40 | 9.75 | 2.24 |
| **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 28.1 | 33.1 | 38.2 | 44.2 | 50.7 | 54.2 | 58.2 | 68.2 | 78.2 | 88.2 | 100.2 | 113.2 | 128.2 | 145.7 | 165.7 | 4.65 | 10.30 | 2.24 |
| 23.7 | 28.8 | 33.8 | 39.9 | 46.4 | 49.9 | 53.9 | 63.9 | 74.0 | 84.0 | 96.0 | 109.0 | 124.0 | 141.5 | 161.5 | 6.30 | 14.00 | 2.24 |
| 27.4 | 32.5 | 37.5 | 43.5 | 50.0 | 53.5 | 57.5 | 67.5 | 77.5 | 87.5 | 99.5 | 112.6 | 127.6 | 145.1 | 165.1 | 4.90 | 10.90 | 2.25 |
| — | — | — | 22.9 | 29.7 | 33.3 | 37.4 | 47.6 | 57.7 | 67.7 | 79.8 | 92.9 | 107.9 | 125.5 | 145.5 | 12.50 | 28.00 | 2.25 |
| 24.7 | 29.8 | 34.8 | 40.8 | 47.4 | 50.9 | 54.9 | 64.9 | 74.9 | 84.9 | 96.9 | 109.9 | 124.9 | 142.5 | 162.5 | 5.90 | 13.20 | 2.26 |
| **0.90** | **0.93** | **0.94** | **0.97** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 22.6 | 27.6 | 32.7 | 38.7 | 45.3 | 48.8 | 52.8 | 62.8 | 72.8 | 82.9 | 94.9 | 107.9 | 122.9 | 140.4 | 160.4 | 6.70 | 15.00 | 2.26 |
| — | — | — | — | 25.2 | 28.9 | 33.1 | 43.4 | 53.5 | 63.7 | 75.8 | 88.8 | 103.9 | 121.4 | 141.5 | 14.00 | 31.50 | 2.26 |
| 21.4 | 26.5 | 31.5 | 37.6 | 44.1 | 47.6 | 51.7 | 61.7 | 71.7 | 81.7 | 93.8 | 106.8 | 121.8 | 139.3 | 159.3 | 7.10 | 16.00 | 2.27 |
| 26.4 | 31.5 | 36.5 | 42.5 | 49.0 | 52.5 | 56.6 | 66.6 | 76.6 | 86.6 | 98.6 | 111.6 | 126.6 | 144.1 | 164.1 | 5.20 | 11.80 | 2.29 |
| 25.6 | 30.7 | 35.7 | 41.7 | 48.2 | 51.7 | 55.8 | 65.8 | 75.8 | 85.8 | 97.8 | 110.8 | 125.8 | 143.3 | 163.3 | 5.50 | 12.50 | 2.30 |
| **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.12** | **1.14** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 2.30 | 10.30 | 23.60 | 760 | 29.65 | 35.10 | 503 | 21.88 | 24.95 | 378 | 17.25 | 19.39 | 299 | 14.13 | 15.76 | — | — | — |
| 2.31 | 9.25 | 21.20 | 759 | 25.92 | 30.93 | 503 | 18.96 | 21.88 | 377 | 14.91 | 16.99 | 299 | 12.21 | 13.80 | — | — | — |
| 2.33 | 4.90 | 11.30 | 750 | 8.12 | 12.06 | 497 | 5.97 | 8.50 | 373 | 4.76 | 6.62 | 296 | 3.94 | 5.41 | 11.8 | 17.0 | 22.5 |
| 2.35 | 8.00 | 18.70 | 743 | 21.17 | 25.77 | 493 | 15.37 | 18.15 | 370 | 12.07 | 14.07 | 293 | 9.89 | 11.43 | — | — | — |
| 2.35 | 16.00 | 37.50 | + | + | + | 493 | 36.13 | 40.50 | 370 | 29.11 | 31.88 | 293 | 24.06 | 26.04 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.78** | **0.83** | **0.87** |
| 2.37 | 4.40 | 10.30 | 738 | 5.86 | 9.74 | 489 | 4.39 | 6.90 | 367 | 3.54 | 5.39 | 291 | 2.95 | 4.41 | 13.1 | 18.2 | 23.8 |
| 2.37 | 4.65 | 10.90 | 737 | 7.00 | 10.90 | 489 | 5.19 | 7.70 | 367 | 4.15 | 6.01 | 291 | 3.45 | 4.91 | 12.4 | 17.5 | 23.1 |
| 2.37 | 9.00 | 21.20 | 738 | 25.00 | 29.92 | 489 | 18.25 | 21.14 | 367 | 14.35 | 16.41 | 291 | 11.75 | 13.33 | — | — | — |
| 2.38 | 11.80 | 28.00 | 734 | 34.56 | 40.77 | 486 | 25.91 | 29.24 | 365 | 20.51 | 22.78 | 289 | 16.83 | 18.53 | — | — | — |
| 2.40 | 5.90 | 14.00 | 730 | 12.52 | 16.62 | 484 | 9.08 | 11.68 | 363 | 7.16 | 9.07 | 288 | 5.89 | 7.38 | — | 13.8 | 19.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.80** | **0.84** | **0.88** |
| 2.40 | 6.30 | 15.00 | 728 | 14.23 | 18.40 | 483 | 10.31 | 12.93 | 362 | 8.11 | 10.03 | 287 | 6.66 | 8.16 | — | — | 18.3 |
| 2.40 | 13.20 | 31.50 | 730 | 38.63 | 45.73 | 484 | 29.50 | 33.12 | 363 | 23.46 | 25.87 | 288 | 19.29 | 21.07 | — | — | — |
| 2.41 | 6.70 | 16.00 | 726 | 15.91 | 20.17 | 482 | 11.52 | 14.17 | 361 | 9.06 | 10.99 | 286 | 7.43 | 8.94 | — | — | 17.0 |
| 2.43 | 5.20 | 12.50 | 720 | 9.46 | 13.45 | 477 | 6.92 | 9.47 | 358 | 5.49 | 7.36 | 284 | 4.53 | 6.00 | — | 15.7 | 21.3 |
| 2.43 | 5.50 | 13.20 | 721 | 10.78 | 14.81 | 478 | 7.85 | 10.42 | 359 | 6.21 | 8.10 | 284 | 5.12 | 6.60 | — | 14.8 | 20.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.82** | **0.86** |
| 2.44 | 4.90 | 11.80 | 718 | 8.13 | 12.07 | 476 | 5.98 | 8.51 | 357 | 4.76 | 6.63 | 283 | 3.94 | 5.41 | 11.4 | 16.5 | 22.1 |
| 2.44 | 9.75 | 23.60 | 719 | 27.74 | 32.95 | 476 | 20.37 | 23.36 | 357 | 16.04 | 18.14 | 283 | 13.13 | 14.74 | — | — | — |
| 2.46 | 4.65 | 11.30 | 711 | 7.00 | 10.91 | 471 | 5.19 | 7.71 | 353 | 4.15 | 6.01 | 280 | 3.45 | 4.91 | 12.0 | 17.2 | 22.7 |
| 2.49 | 11.30 | 28.00 | 703 | 33.00 | 38.93 | 466 | 24.60 | 27.83 | 349 | 19.44 | 21.66 | 277 | 15.94 | 17.62 | — | — | — |
| 2.51 | 4.40 | 10.90 | 697 | 5.87 | 9.75 | 462 | 4.40 | 6.90 | 346 | 3.54 | 5.40 | 275 | 2.96 | 4.41 | 12.6 | 17.7 | 23.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.77** | **0.83** | **0.87** |
| 2.51 | 7.50 | 18.70 | 696 | 19.19 | 23.65 | 462 | 13.91 | 16.63 | 346 | 10.93 | 12.90 | 275 | 8.95 | 10.48 | — | — | — |
| 2.51 | 8.50 | 21.20 | 697 | 23.12 | 27.87 | 462 | 16.83 | 19.66 | 346 | 13.22 | 15.25 | 275 | 10.83 | 12.39 | — | — | — |
| 2.51 | 15.00 | 37.50 | + | + | + | 462 | 33.85 | 37.93 | 347 | 27.14 | 29.77 | 275 | 22.38 | 24.29 | — | — | — |
| 2.53 | 12.50 | 31.50 | 691 | 36.67 | 43.30 | 458 | 27.73 | 31.20 | 344 | 22.00 | 24.34 | 272 | 18.07 | 19.81 | — | — | — |
| 2.56 | 6.30 | 16.00 | 682 | 14.24 | 18.41 | 452 | 10.31 | 12.94 | 339 | 8.12 | 10.04 | 269 | 6.67 | 8.16 | — | — | 17.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.83** |
| 2.57 | 4.65 | 11.80 | 681 | 7.01 | 10.92 | 451 | 5.20 | 7.71 | 338 | 4.16 | 6.02 | 268 | 3.45 | 4.92 | 11.5 | 16.7 | 22.3 |
| 2.57 | 5.20 | 13.20 | 681 | 9.47 | 13.45 | 452 | 6.93 | 9.47 | 339 | 5.49 | 7.37 | 269 | 4.54 | 6.01 | — | 15.0 | 20.7 |
| 2.57 | 5.50 | 14.00 | 680 | 10.79 | 14.82 | 451 | 7.86 | 10.42 | 338 | 6.21 | 8.10 | 268 | 5.12 | 6.60 | — | 14.0 | 19.7 |
| 2.57 | 5.90 | 15.00 | 681 | 12.53 | 16.63 | 452 | 9.09 | 11.68 | 339 | 7.17 | 9.07 | 269 | 5.90 | 7.38 | — | 12.8 | 18.5 |
| 2.57 | 9.25 | 23.60 | 681 | 25.94 | 30.95 | 452 | 18.97 | 21.89 | 339 | 14.92 | 16.99 | 269 | 12.22 | 13.81 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.77** | **0.83** | **0.87** |
| 2.58 | 4.90 | 12.50 | 677 | 8.14 | 12.07 | 449 | 5.99 | 8.51 | 337 | 4.77 | 6.63 | 267 | 3.95 | 5.41 | — | 15.9 | 21.5 |
| 2.58 | 10.90 | 28.00 | 677 | 31.70 | 37.43 | 449 | 23.53 | 26.69 | 337 | 18.57 | 20.76 | 267 | 15.22 | 16.88 | — | — | — |
| 2.60 | 4.40 | 11.30 | 672 | 5.88 | 9.75 | 445 | 4.41 | 6.91 | 334 | 3.55 | 5.40 | 265 | 2.96 | 4.42 | 12.2 | 17.3 | 22.9 |
| 2.64 | 9.00 | 23.60 | 663 | 25.02 | 29.94 | 439 | 18.27 | 21.15 | 329 | 14.36 | 16.42 | 261 | 11.76 | 13.34 | — | — | — |
| 2.66 | 7.10 | 18.70 | 659 | 17.58 | 21.93 | 437 | 12.73 | 15.42 | 327 | 10.00 | 11.96 | 260 | 8.20 | 9.72 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.78** | **0.83** | **0.87** |
| 2.67 | 8.00 | 21.20 | 655 | 21.19 | 25.79 | 434 | 15.39 | 18.16 | 326 | 12.09 | 14.08 | 258 | 9.90 | 11.44 | — | — | — |
| 2.68 | 11.80 | 31.50 | 652 | 34.58 | 40.79 | 432 | 25.93 | 29.25 | 324 | 20.52 | 22.79 | 257 | 16.83 | 18.54 | — | — | — |
| 2.69 | 14.00 | 37.50 | 650 | 40.73 | 48.42 | 431 | 31.48 | 35.29 | 323 | 25.12 | 27.62 | 256 | 20.68 | 22.52 | — | — | — |
| 2.72 | 4.40 | 11.80 | 643 | 5.89 | 9.76 | 426 | 4.41 | 6.91 | 320 | 3.55 | 5.40 | 254 | 2.96 | 4.42 | 11.7 | 16.9 | 22.5 |
| 2.73 | 4.65 | 12.50 | 642 | 7.02 | 10.92 | 426 | 5.20 | 7.72 | 319 | 4.16 | 6.02 | 253 | 3.46 | 4.92 | 10.8 | 16.1 | 21.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.77** | **0.83** | **0.87** |
| 2.73 | 4.90 | 13.20 | 641 | 8.15 | 12.08 | 425 | 5.99 | 8.52 | 319 | 4.77 | 6.64 | 253 | 3.95 | 5.42 | — | 15.2 | 20.9 |
| 2.73 | 5.20 | 14.00 | 642 | 9.48 | 13.46 | 426 | 6.93 | 9.48 | 319 | 5.50 | 7.37 | 253 | 4.54 | 6.01 | — | 14.2 | 19.9 |
| 2.74 | 5.90 | 16.00 | 638 | 12.54 | 16.64 | 423 | 9.10 | 11.69 | 317 | 7.18 | 9.08 | 252 | 5.90 | 7.39 | — | — | 17.8 |
| 2.74 | 10.30 | 28.00 | 640 | 29.69 | 35.13 | 424 | 21.90 | 24.97 | 318 | 17.26 | 19.41 | 252 | 14.14 | 15.77 | — | — | — |
| 2.76 | 5.50 | 15.00 | 634 | 10.80 | 14.83 | 420 | 7.87 | 10.43 | 315 | 6.22 | 8.11 | 250 | 5.13 | 6.60 | — | 13.0 | 18.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.81** | **0.86** |
| 2.80 | 8.50 | 23.60 | 626 | 23.14 | 27.88 | 415 | 16.84 | 19.67 | 311 | 13.23 | 15.26 | 247 | 10.83 | 12.40 | — | — | — |
| 2.80 | 11.30 | 31.50 | 624 | 33.02 | 38.95 | 414 | 24.61 | 27.84 | 310 | 19.45 | 21.67 | 246 | 15.94 | 17.62 | — | — | — |
| 2.82 | 6.70 | 18.70 | 621 | 15.93 | 20.19 | 412 | 11.53 | 14.19 | 309 | 9.07 | 11.00 | 245 | 7.44 | 8.95 | — | — | — |
| 2.85 | 7.50 | 21.20 | 614 | 19.21 | 23.66 | 407 | 13.92 | 16.64 | 305 | 10.94 | 12.91 | 242 | 8.96 | 10.49 | — | — | — |
| 2.85 | 13.20 | 37.50 | 613 | 38.66 | 45.75 | 406 | 29.52 | 33.13 | 305 | 23.48 | 25.89 | 242 | 19.30 | 21.08 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| — | — | 22.4 | 28.6 | 35.2 | 38.8 | 42.9 | 53.0 | 63.0 | 73.1 | 85.1 | 98.1 | 113.2 | 130.7 | 150.7 | 10.30 | 23.60 | 2.30 |
| — | 20.2 | 25.4 | 31.5 | 38.1 | 41.7 | 45.7 | 55.8 | 65.8 | 75.8 | 87.9 | 100.9 | 115.9 | 133.5 | 153.5 | 9.25 | 21.20 | 2.31 |
| 27.1 | 32.1 | 37.1 | 43.2 | 49.7 | 53.2 | 57.2 | 67.2 | 77.2 | 87.2 | 99.2 | 112.2 | 127.2 | 144.7 | 164.7 | 4.90 | 11.30 | 2.33 |
| 18.2 | 23.4 | 28.5 | 34.6 | 41.2 | 44.7 | 48.7 | 58.8 | 68.8 | 78.8 | 90.9 | 103.9 | 118.9 | 136.4 | 156.4 | 8.00 | 18.70 | 2.35 |
| — | — | — | — | — | — | — | 36.4 | 46.7 | 57.0 | 69.1 | 82.3 | 97.4 | 115.0 | 135.1 | 16.00 | 37.50 | 2.35 |
| **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 28.3 | 33.3 | 38.3 | 44.4 | 50.9 | 54.4 | 58.4 | 68.4 | 78.4 | 88.4 | 100.4 | 113.4 | 128.4 | 145.9 | 165.9 | 4.40 | 10.30 | 2.37 |
| 27.6 | 32.6 | 37.7 | 43.7 | 50.2 | 53.7 | 57.7 | 67.7 | 77.7 | 87.7 | 99.7 | 112.7 | 127.7 | 145.3 | 165.3 | 4.65 | 10.90 | 2.37 |
| — | 20.4 | 25.6 | 31.7 | 38.3 | 41.8 | 45.9 | 55.9 | 66.0 | 76.0 | 88.1 | 101.1 | 116.1 | 133.6 | 153.7 | 9.00 | 21.20 | 2.37 |
| — | — | — | 23.3 | 30.2 | 33.8 | 37.9 | 48.1 | 58.2 | 68.3 | 80.3 | 93.4 | 108.4 | 126.0 | 146.0 | 11.80 | 28.00 | 2.38 |
| 24.0 | 29.1 | 34.1 | 40.2 | 46.7 | 50.2 | 54.2 | 64.2 | 74.3 | 84.3 | 96.3 | 109.3 | 124.3 | 141.8 | 161.8 | 5.90 | 14.00 | 2.40 |
| **0.90** | **0.92** | **0.94** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 22.9 | 27.9 | 33.0 | 39.0 | 45.6 | 49.1 | 53.1 | 63.1 | 73.1 | 83.2 | 95.2 | 108.2 | 123.2 | 140.7 | 160.7 | 6.30 | 15.00 | 2.40 |
| — | — | — | — | 25.8 | 29.5 | 33.6 | 43.9 | 54.1 | 64.2 | 76.3 | 89.4 | 104.5 | 122.0 | 142.1 | 13.20 | 31.50 | 2.40 |
| 21.7 | 26.8 | 31.8 | 37.9 | 44.4 | 47.9 | 52.0 | 62.0 | 72.0 | 82.0 | 94.1 | 107.1 | 122.1 | 139.6 | 159.6 | 6.70 | 16.00 | 2.41 |
| 25.8 | 30.9 | 35.9 | 41.9 | 48.5 | 52.0 | 56.0 | 66.0 | 76.0 | 86.0 | 98.0 | 111.0 | 126.0 | 143.6 | 163.6 | 5.20 | 12.50 | 2.43 |
| 25.0 | 30.1 | 35.1 | 41.1 | 47.7 | 51.2 | 55.2 | 65.2 | 75.2 | 85.2 | 97.2 | 110.2 | 125.3 | 142.8 | 162.8 | 5.50 | 13.20 | 2.43 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 26.7 | 31.7 | 36.7 | 42.7 | 49.3 | 52.8 | 56.8 | 66.8 | 76.8 | 86.8 | 98.8 | 111.8 | 126.8 | 144.3 | 164.3 | 4.90 | 11.80 | 2.44 |
| — | — | 22.8 | 29.0 | 35.6 | 39.2 | 43.3 | 53.4 | 63.4 | 73.5 | 85.5 | 98.6 | 113.6 | 131.1 | 151.1 | 9.75 | 23.60 | 2.44 |
| 27.3 | 32.3 | 37.3 | 43.3 | 49.9 | 53.4 | 57.4 | 67.4 | 77.4 | 87.4 | 99.4 | 112.4 | 127.4 | 144.9 | 164.9 | 4.65 | 11.30 | 2.46 |
| — | — | — | 23.7 | 30.5 | 34.1 | 38.2 | 48.4 | 58.5 | 68.6 | 80.7 | 93.8 | 108.8 | 126.4 | 146.4 | 11.30 | 28.00 | 2.49 |
| 27.8 | 32.8 | 37.8 | 43.9 | 50.4 | 53.9 | 57.9 | 67.9 | 77.9 | 87.9 | 99.9 | 112.9 | 127.9 | 145.4 | 165.5 | 4.40 | 10.90 | 2.51 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 18.6 | 23.8 | 28.9 | 35.0 | 41.5 | 45.1 | 49.1 | 59.2 | 69.2 | 79.2 | 91.3 | 104.3 | 119.3 | 136.8 | 156.8 | 7.50 | 18.70 | 2.51 |
| — | 20.7 | 25.9 | 32.0 | 38.7 | 42.2 | 46.2 | 56.3 | 66.4 | 76.4 | 88.4 | 101.5 | 116.5 | 134.0 | 154.0 | 8.50 | 21.20 | 2.51 |
| — | — | — | — | — | — | — | 37.1 | 47.4 | 57.7 | 69.9 | 83.0 | 98.1 | 115.7 | 135.8 | 15.00 | 37.50 | 2.51 |
| — | — | — | — | 26.2 | 29.9 | 34.1 | 44.4 | 54.6 | 64.7 | 76.9 | 89.9 | 105.0 | 122.6 | 142.6 | 12.50 | 31.50 | 2.53 |
| 21.9 | 27.1 | 32.1 | 38.2 | 44.7 | 48.2 | 52.3 | 62.3 | 72.3 | 82.3 | 94.4 | 107.4 | 122.4 | 139.9 | 159.9 | 6.30 | 16.00 | 2.56 |
| **0.87** | **0.90** | **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 26.8 | 31.9 | 36.9 | 42.9 | 49.5 | 53.0 | 57.0 | 67.0 | 77.0 | 87.0 | 99.0 | 112.0 | 127.0 | 144.5 | 164.5 | 4.65 | 11.80 | 2.57 |
| 25.2 | 30.3 | 35.3 | 41.4 | 47.9 | 51.4 | 55.4 | 65.4 | 75.4 | 85.5 | 97.5 | 110.5 | 125.5 | 143.0 | 163.0 | 5.20 | 13.20 | 2.57 |
| 24.3 | 29.4 | 34.4 | 40.5 | 47.0 | 50.5 | 54.5 | 64.5 | 74.6 | 84.6 | 96.6 | 109.6 | 124.6 | 142.1 | 162.1 | 5.50 | 14.00 | 2.57 |
| 23.1 | 28.2 | 33.3 | 39.3 | 45.9 | 49.4 | 53.4 | 63.4 | 73.4 | 83.5 | 95.5 | 108.5 | 123.5 | 141.0 | 161.0 | 5.90 | 15.00 | 2.57 |
| — | — | 23.1 | 29.3 | 36.0 | 39.5 | 43.6 | 53.7 | 63.8 | 73.9 | 85.9 | 98.9 | 114.0 | 131.5 | 151.5 | 9.25 | 23.60 | 2.57 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 26.1 | 31.1 | 36.1 | 42.2 | 48.7 | 52.2 | 56.2 | 66.2 | 76.2 | 86.3 | 98.3 | 111.3 | 126.3 | 143.8 | 163.8 | 4.90 | 12.50 | 2.58 |
| — | — | — | 23.9 | 30.8 | 34.4 | 38.5 | 48.7 | 58.8 | 68.9 | 81.0 | 94.1 | 109.1 | 126.7 | 146.7 | 10.90 | 28.00 | 2.58 |
| 27.5 | 32.5 | 37.5 | 43.5 | 50.1 | 53.6 | 57.6 | 67.6 | 77.6 | 87.6 | 99.6 | 112.6 | 127.6 | 145.1 | 165.1 | 4.40 | 11.30 | 2.60 |
| — | — | 23.3 | 29.5 | 36.2 | 39.7 | 43.8 | 53.9 | 64.0 | 74.0 | 86.1 | 99.1 | 114.2 | 131.7 | 151.7 | 9.00 | 23.60 | 2.64 |
| 18.8 | 24.0 | 29.2 | 35.3 | 41.8 | 45.4 | 49.4 | 59.5 | 69.5 | 79.5 | 91.6 | 104.6 | 119.6 | 137.1 | 157.1 | 7.10 | 18.70 | 2.66 |
| **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.07** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | 21.0 | 26.2 | 32.4 | 39.0 | 42.6 | 46.6 | 56.7 | 66.7 | 76.8 | 88.8 | 101.9 | 116.9 | 134.4 | 154.4 | 8.00 | 21.20 | 2.67 |
| — | — | — | — | 26.7 | 30.4 | 34.6 | 44.9 | 55.1 | 65.2 | 77.4 | 90.5 | 105.5 | 123.1 | 143.2 | 11.80 | 31.50 | 2.68 |
| — | — | — | — | — | — | — | 37.7 | 48.1 | 58.4 | 70.6 | 83.7 | 98.9 | 116.5 | 136.5 | 14.00 | 37.50 | 2.69 |
| 27.0 | 32.1 | 37.1 | 43.1 | 49.6 | 53.1 | 57.2 | 67.2 | 77.2 | 87.2 | 99.2 | 112.2 | 127.2 | 144.7 | 164.7 | 4.40 | 11.80 | 2.72 |
| 26.2 | 31.3 | 36.3 | 42.3 | 48.9 | 52.4 | 56.4 | 66.4 | 76.4 | 86.3 | 98.5 | 111.5 | 126.5 | 144.0 | 164.0 | 4.65 | 12.50 | 2.73 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.00** | **1.03** | **1.05** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 25.4 | 30.5 | 35.5 | 41.6 | 48.1 | 51.6 | 55.6 | 65.7 | 75.7 | 85.7 | 97.7 | 110.7 | 125.7 | 143.2 | 163.2 | 4.90 | 13.20 | 2.73 |
| 24.5 | 29.6 | 34.6 | 40.7 | 47.2 | 50.7 | 54.7 | 64.8 | 74.8 | 84.8 | 96.8 | 109.8 | 124.8 | 142.4 | 162.4 | 5.20 | 14.00 | 2.73 |
| 22.2 | 27.3 | 32.4 | 38.5 | 45.0 | 48.5 | 52.6 | 62.6 | 72.6 | 82.6 | 94.7 | 107.7 | 122.7 | 140.2 | 160.2 | 5.90 | 16.00 | 2.74 |
| — | — | — | 24.3 | 31.2 | 34.8 | 38.9 | 49.1 | 59.3 | 69.4 | 81.4 | 94.5 | 109.6 | 127.1 | 147.2 | 10.30 | 28.00 | 2.74 |
| 23.4 | 28.5 | 33.6 | 39.6 | 46.2 | 49.7 | 53.7 | 63.7 | 73.7 | 83.8 | 95.8 | 108.8 | 123.8 | 141.3 | 161.3 | 5.50 | 15.00 | 2.76 |
| **0.89** | **0.91** | **0.93** | **0.96** | **0.98** | **0.99** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | 23.6 | 29.8 | 36.5 | 40.1 | 44.1 | 54.3 | 64.3 | 74.4 | 86.5 | 99.5 | 114.5 | 132.1 | 152.1 | 8.50 | 23.60 | 2.80 |
| — | — | — | — | 27.0 | 30.7 | 34.9 | 45.3 | 55.5 | 65.6 | 77.7 | 90.8 | 105.9 | 123.5 | 143.5 | 11.30 | 31.50 | 2.80 |
| 19.1 | 24.3 | 29.4 | 35.5 | 42.1 | 45.7 | 49.7 | 59.7 | 69.8 | 79.8 | 91.9 | 104.9 | 119.9 | 137.4 | 157.4 | 6.70 | 18.70 | 2.82 |
| — | 21.4 | 26.6 | 32.7 | 39.4 | 42.9 | 47.0 | 57.0 | 67.1 | 77.2 | 89.2 | 102.2 | 117.3 | 134.8 | 154.8 | 7.50 | 21.20 | 2.85 |
| — | — | — | — | — | — | — | 38.3 | 48.7 | 58.9 | 71.1 | 84.3 | 99.4 | 117.0 | 137.1 | 13.20 | 37.50 | 2.85 |
| **0.84** | **0.88** | **0.91** | **0.94** | **0.96** | **0.97** | **0.98** | **1.01** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 2.88 | 4.40 | 12.50 | 607 | 5.90 | 9.76 | 402 | 4.42 | 6.92 | 302 | 3.55 | 5.40 | 239 | 2.97 | 4.42 | 11.0 | 16.2 | 21.9 |
| 2.88 | 4.65 | 13.20 | 608 | 7.03 | 10.93 | 403 | 5.21 | 7.72 | 302 | 4.16 | 6.02 | 240 | 3.46 | 4.92 | — | 15.4 | 21.0 |
| 2.89 | 9.75 | 28.00 | 605 | 27.77 | 32.97 | 401 | 20.39 | 23.37 | 301 | 16.05 | 18.15 | 239 | 13.14 | 14.75 | — | — | — |
| 2.90 | 4.90 | 14.00 | 604 | 8.15 | 12.09 | 401 | 6.00 | 8.52 | 300 | 4.77 | 6.64 | 238 | 3.95 | 5.42 | — | 14.4 | 20.1 |
| 2.91 | 10.90 | 31.50 | 602 | 31.72 | 37.44 | 399 | 23.54 | 26.70 | 299 | 18.58 | 20.77 | 237 | 15.23 | 16.89 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.75** | **0.82** | **0.86** |
| 2.92 | 5.20 | 15.00 | 599 | 9.49 | 13.47 | 397 | 6.94 | 9.48 | 298 | 5.50 | 7.38 | 236 | 4.54 | 6.01 | — | 13.2 | 19.0 |
| 2.94 | 5.50 | 16.00 | 594 | 10.81 | 14.84 | 394 | 7.87 | 10.43 | 295 | 6.22 | 8.11 | 234 | 5.13 | 6.60 | — | — | 17.8 |
| 2.97 | 8.00 | 23.60 | 588 | 21.21 | 25.80 | 390 | 15.39 | 18.17 | 292 | 12.09 | 14.09 | 232 | 9.90 | 11.45 | — | — | — |
| 3.00 | 6.30 | 18.70 | 583 | 14.26 | 18.43 | 387 | 10.33 | 12.95 | 290 | 8.13 | 10.05 | 230 | 6.68 | 8.17 | — | — | — |
| 3.01 | 7.10 | 21.20 | 581 | 17.60 | 21.94 | 385 | 12.74 | 15.42 | 289 | 10.01 | 11.96 | 229 | 8.21 | 9.72 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.78** | **0.84** |
| 3.02 | 12.50 | 37.50 | 580 | 36.70 | 43.32 | 385 | 27.75 | 31.21 | 288 | 22.01 | 24.35 | 229 | 18.08 | 19.82 | — | — | — |
| 3.05 | 4.40 | 13.20 | 574 | 5.90 | 9.77 | 381 | 4.42 | 6.92 | 286 | 3.56 | 5.41 | 226 | 2.97 | 4.42 | — | 15.6 | 21.2 |
| 3.05 | 4.65 | 14.00 | 573 | 7.04 | 10.83 | 380 | 5.21 | 7.72 | 285 | 4.17 | 6.03 | 226 | 3.46 | 4.92 | — | 14.6 | 20.3 |
| 3.05 | 9.25 | 28.00 | 574 | 25.96 | 30.97 | 380 | 18.99 | 21.90 | 285 | 14.93 | 17.00 | 226 | 12.23 | 13.81 | — | — | — |
| 3.08 | 10.30 | 31.50 | 568 | 29.70 | 35.14 | 377 | 21.91 | 24.98 | 283 | 17.27 | 19.41 | 224 | 14.15 | 15.78 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.81** | **0.85** |
| 3.10 | 4.90 | 15.00 | 564 | 8.16 | 12.09 | 374 | 6.00 | 8.53 | 280 | 4.78 | 6.64 | 222 | 3.96 | 5.42 | — | 13.4 | 19.2 |
| 3.12 | 5.20 | 16.00 | 561 | 9.50 | 13.47 | 372 | 6.94 | 9.48 | 279 | 5.50 | 7.38 | 221 | 4.55 | 6.01 | — | — | 18.0 |
| 3.13 | 9.00 | 28.00 | 558 | 25.04 | 29.95 | 370 | 18.28 | 21.17 | 278 | 14.37 | 16.42 | 220 | 11.77 | 13.34 | — | — | — |
| 3.14 | 16.00 | 50.00 | + | + | + | 370 | 36.16 | 40.52 | 277 | 29.13 | 31.89 | 220 | 24.08 | 26.06 | — | — | — |
| 3.18 | 7.50 | 23.60 | 551 | 19.22 | 23.67 | 365 | 13.93 | 16.65 | 274 | 10.94 | 12.91 | 217 | 8.97 | 10.49 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.77** | **0.84** |
| 3.20 | 6.70 | 21.20 | 547 | 15.95 | 20.20 | 363 | 11.54 | 14.19 | 272 | 9.08 | 11.01 | 216 | 7.45 | 8.95 | — | — | — |
| 3.20 | 11.80 | 37.50 | 547 | 34.61 | 40.81 | 363 | 25.94 | 29.26 | 272 | 20.53 | 22.80 | 216 | 16.84 | 18.54 | — | — | — |
| 3.21 | 5.90 | 18.70 | 546 | 12.56 | 16.65 | 362 | 9.11 | 11.70 | 271 | 7.19 | 9.08 | 215 | 5.91 | 7.39 | — | — | 14.8 |
| 3.23 | 4.40 | 14.00 | 541 | 5.91 | 9.77 | 359 | 4.42 | 6.92 | 269 | 3.56 | 5.41 | 213 | 2.97 | 4.42 | — | 14.8 | 20.5 |
| 3.25 | 9.75 | 31.50 | 538 | 27.78 | 32.98 | 356 | 20.39 | 23.38 | 267 | 16.05 | 18.16 | 212 | 13.15 | 14.75 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.79** | **0.85** |
| 3.27 | 4.65 | 15.00 | 534 | 7.04 | 10.94 | 354 | 5.22 | 7.73 | 266 | 4.17 | 6.03 | 211 | 3.47 | 4.92 | — | 13.6 | 19.4 |
| 3.31 | 4.90 | 16.00 | 528 | 8.17 | 12.10 | 350 | 6.01 | 8.53 | 263 | 4.78 | 6.64 | 208 | 3.96 | 5.42 | — | — | 18.2 |
| 3.32 | 8.50 | 28.00 | 527 | 23.16 | 27.90 | 349 | 16.85 | 19.68 | 262 | 13.24 | 15.26 | 208 | 10.84 | 12.40 | — | — | — |
| 3.34 | 11.30 | 37.50 | 524 | 33.04 | 38.96 | 347 | 24.62 | 27.85 | 261 | 19.46 | 21.68 | 207 | 15.95 | 17.63 | — | — | — |
| 3.35 | 15.00 | 50.00 | + | + | + | 346 | 33.88 | 37.95 | 280 | 27.16 | 29.78 | 206 | 22.40 | 24.30 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.77** | **0.84** |
| 3.36 | 7.10 | 23.60 | 521 | 17.61 | 21.95 | 346 | 12.75 | 15.43 | 259 | 10.02 | 11.97 | 206 | 8.21 | 9.72 | — | — | — |
| 3.40 | 6.30 | 21.20 | 514 | 14.27 | 18.44 | 341 | 10.34 | 12.95 | 256 | 8.14 | 10.05 | 203 | 6.68 | 8.17 | — | — | — |
| 3.43 | 9.25 | 31.50 | 510 | 25.97 | 30.98 | 338 | 18.99 | 21.91 | 254 | 14.94 | 17.01 | 201 | 12.23 | 13.82 | — | — | — |
| 3.44 | 5.50 | 18.70 | 508 | 10.83 | 14.85 | 337 | 7.88 | 10.44 | 253 | 6.23 | 8.11 | 200 | 5.13 | 6.61 | — | — | 15.0 |
| 3.46 | 10.90 | 37.50 | 505 | 31.74 | 37.45 | 335 | 23.55 | 26.71 | 251 | 18.59 | 20.78 | 199 | 15.24 | 16.89 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.77** |
| 3.47 | 4.40 | 15.00 | 505 | 5.91 | 9.78 | 335 | 4.43 | 6.92 | 251 | 3.56 | 5.41 | 199 | 2.97 | 4.43 | — | 13.7 | 19.5 |
| 3.49 | 4.65 | 16.00 | 501 | 7.05 | 10.94 | 332 | 5.22 | 7.73 | 249 | 4.17 | 6.03 | 197 | 3.47 | 4.93 | — | — | 18.4 |
| 3.53 | 8.00 | 28.00 | 496 | 21.22 | 25.81 | 328 | 15.40 | 18.17 | 246 | 12.10 | 14.09 | 195 | 9.91 | 11.45 | — | — | — |
| 3.53 | 9.00 | 31.50 | 496 | 25.05 | 29.96 | 329 | 18.29 | 21.17 | 247 | 14.38 | 16.43 | 196 | 11.77 | 13.35 | — | — | — |
| 3.56 | 6.70 | 23.80 | 491 | 15.96 | 20.21 | 326 | 11.55 | 14.20 | 244 | 9.08 | 11.01 | 194 | 7.45 | 8.95 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.77** | **0.83** |
| 3.59 | 14.00 | 50.00 | 487 | 40.76 | 48.44 | 323 | 31.50 | 35.30 | 242 | 25.14 | 27.63 | 192 | 20.69 | 22.53 | — | — | — |
| 3.64 | 5.90 | 21.20 | 481 | 12.57 | 16.66 | 319 | 9.12 | 11.70 | 239 | 7.19 | 9.09 | 190 | 5.91 | 7.40 | — | — | — |
| 3.65 | 5.20 | 18.70 | 480 | 9.51 | 13.48 | 318 | 6.95 | 9.49 | 239 | 5.51 | 7.38 | 189 | 4.55 | 6.02 | — | — | 15.2 |
| 3.67 | 10.30 | 37.50 | 477 | 29.71 | 35.15 | 316 | 21.92 | 24.98 | 237 | 17.28 | 19.42 | 188 | 14.15 | 15.78 | — | — | — |
| 3.70 | 4.40 | 16.00 | 473 | 5.92 | 9.78 | 314 | 4.43 | 6.93 | 235 | 3.56 | 5.41 | 187 | 2.97 | 4.43 | — | 12.6 | 18.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.74** | **0.82** |
| 3.74 | 8.50 | 31.50 | 468 | 23.16 | 27.90 | 310 | 16.86 | 19.68 | 233 | 13.25 | 15.27 | 185 | 10.84 | 12.40 | — | — | — |
| 3.77 | 7.50 | 28.00 | 464 | 19.24 | 23.68 | 308 | 13.94 | 16.66 | 231 | 10.95 | 12.92 | 183 | 8.97 | 10.50 | — | — | — |
| 3.79 | 6.30 | 23.60 | 462 | 14.28 | 18.45 | 306 | 10.34 | 12.96 | 230 | 8.14 | 10.05 | 182 | 6.68 | 8.18 | — | — | — |
| 3.81 | 13.20 | 50.00 | 459 | 38.68 | 45.77 | 305 | 29.53 | 33.14 | 228 | 23.49 | 25.90 | 181 | 19.31 | 21.09 | — | — | — |
| 3.87 | 4.90 | 18.70 | 452 | 8.18 | 12.11 | 299 | 6.01 | 8.54 | 225 | 4.79 | 6.65 | 178 | 3.96 | 5.43 | — | — | 15.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.77** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA

+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| 26.4 | 31.5 | 36.5 | 42.5 | 49.1 | 52.6 | 56.6 | 66.6 | 76.6 | 86.6 | 98.6 | 111.7 | 126.7 | 144.2 | 164.2 | 4.40 | 12.50 | 2.88 |
| 25.6 | 30.7 | 35.7 | 41.8 | 48.3 | 51.8 | 55.8 | 65.8 | 75.9 | 85.9 | 97.9 | 110.9 | 125.9 | 143.4 | 163.4 | 4.65 | 13.20 | 2.88 |
| — | — | — | 24.7 | 31.5 | 35.2 | 39.3 | 49.5 | 59.7 | 69.8 | 81.8 | 94.9 | 110.0 | 127.5 | 147.6 | 9.75 | 28.00 | 2.89 |
| 24.7 | 29.8 | 34.9 | 40.9 | 47.4 | 51.0 | 55.0 | 65.0 | 75.0 | 85.0 | 97.0 | 110.1 | 125.1 | 142.6 | 162.6 | 4.90 | 14.00 | 2.90 |
| — | — | — | — | 27.3 | 31.0 | 35.2 | 45.5 | 55.7 | 65.9 | 78.0 | 91.1 | 106.2 | 123.8 | 143.8 | 10.90 | 31.50 | 2.91 |
| **0.89** | **0.91** | **0.93** | **0.96** | **0.98** | **0.99** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 23.6 | 28.7 | 33.8 | 39.8 | 46.4 | 49.9 | 53.9 | 63.9 | 74.0 | 84.0 | 96.0 | 109.0 | 124.0 | 141.6 | 161.6 | 5.20 | 15.00 | 2.92 |
| 22.5 | 27.6 | 32.7 | 38.8 | 45.3 | 48.8 | 52.9 | 62.9 | 72.9 | 82.9 | 95.0 | 108.0 | 123.0 | 140.5 | 160.5 | 5.50 | 16.00 | 2.94 |
| — | 18.5 | 23.9 | 30.2 | 36.9 | 40.4 | 44.5 | 54.6 | 64.7 | 74.8 | 86.8 | 99.9 | 114.9 | 132.5 | 152.5 | 8.00 | 23.60 | 2.97 |
| 19.4 | 24.6 | 29.7 | 35.8 | 42.4 | 45.9 | 50.0 | 60.0 | 70.1 | 80.1 | 92.2 | 105.2 | 120.2 | 137.7 | 157.7 | 6.30 | 18.70 | 3.00 |
| — | 21.6 | 26.8 | 33.0 | 39.6 | 43.2 | 47.2 | 57.3 | 67.4 | 77.5 | 89.5 | 102.5 | 117.6 | 135.1 | 155.1 | 7.10 | 21.20 | 3.01 |
| **0.87** | **0.90** | **0.93** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | — | — | — | — | 27.9 | 38.7 | 49.1 | 59.4 | 71.6 | 84.8 | 99.9 | 117.6 | 137.7 | 12.50 | 37.50 | 3.02 |
| 25.8 | 30.9 | 35.9 | 41.9 | 48.5 | 52.0 | 56.0 | 66.0 | 76.0 | 86.1 | 98.1 | 111.1 | 126.1 | 143.6 | 163.6 | 4.40 | 13.20 | 3.05 |
| 24.9 | 30.0 | 35.0 | 41.1 | 47.6 | 51.1 | 55.2 | 65.2 | 75.2 | 85.2 | 97.2 | 110.3 | 125.3 | 142.8 | 162.8 | 4.65 | 14.00 | 3.05 |
| — | — | — | 25.0 | 31.9 | 35.5 | 39.6 | 49.9 | 60.0 | 70.1 | 82.2 | 95.3 | 110.3 | 127.9 | 147.9 | 9.25 | 28.00 | 3.05 |
| — | — | — | — | 27.6 | 31.4 | 35.6 | 45.9 | 56.2 | 66.3 | 78.5 | 91.6 | 106.6 | 124.2 | 144.3 | 10.30 | 31.50 | 3.08 |
| **0.88** | **0.91** | **0.93** | **0.95** | **0.98** | **0.99** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 23.8 | 28.9 | 34.0 | 40.1 | 46.6 | 50.1 | 54.1 | 64.2 | 74.2 | 84.2 | 96.2 | 109.3 | 124.3 | 141.8 | 161.8 | 4.90 | 15.00 | 3.10 |
| 22.7 | 27.8 | 32.9 | 39.0 | 45.5 | 49.1 | 53.1 | 63.1 | 73.2 | 83.2 | 95.2 | 108.2 | 123.2 | 140.7 | 160.8 | 5.20 | 16.00 | 3.12 |
| — | — | — | 25.1 | 32.0 | 35.7 | 39.8 | 50.0 | 60.2 | 70.3 | 82.4 | 95.5 | 110.5 | 128.1 | 148.1 | 9.00 | 28.00 | 3.13 |
| — | — | — | — | — | — | — | — | — | 44.9 | 57.7 | 71.1 | 86.5 | 104.3 | 124.5 | 16.00 | 50.00 | 3.14 |
| — | 18.9 | 24.2 | 30.5 | 37.2 | 40.8 | 44.9 | 55.0 | 65.1 | 75.1 | 87.2 | 100.3 | 115.3 | 132.8 | 152.9 | 7.50 | 23.60 | 3.18 |
| **0.87** | **0.90** | **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 16.5 | 21.9 | 27.1 | 33.3 | 39.9 | 43.5 | 47.5 | 57.6 | 67.7 | 77.7 | 89.8 | 102.8 | 117.9 | 135.4 | 155.4 | 6.70 | 21.20 | 3.20 |
| — | — | — | — | — | — | 28.4 | 39.2 | 49.6 | 59.9 | 72.1 | 85.3 | 100.5 | 118.1 | 138.2 | 11.80 | 37.50 | 3.20 |
| 19.6 | 24.9 | 30.0 | 36.1 | 42.7 | 46.2 | 50.3 | 60.3 | 70.4 | 80.4 | 92.5 | 105.5 | 120.5 | 138.0 | 158.0 | 5.90 | 18.70 | 3.21 |
| 25.1 | 30.2 | 35.2 | 41.3 | 47.8 | 51.3 | 55.3 | 65.4 | 75.4 | 85.4 | 97.4 | 110.4 | 125.5 | 143.0 | 163.0 | 4.40 | 14.00 | 3.23 |
| — | — | — | — | 28.0 | 31.7 | 36.0 | 46.3 | 56.6 | 66.7 | 78.9 | 92.0 | 107.0 | 124.6 | 144.7 | 9.75 | 31.50 | 3.25 |
| **0.88** | **0.90** | **0.93** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 24.0 | 29.1 | 34.2 | 40.2 | 46.8 | 50.3 | 54.3 | 64.4 | 74.4 | 84.4 | 96.4 | 109.4 | 124.5 | 142.0 | 162.0 | 4.65 | 15.00 | 3.27 |
| 22.9 | 28.0 | 33.1 | 39.2 | 45.7 | 49.3 | 53.3 | 63.3 | 73.4 | 83.4 | 95.4 | 108.4 | 123.5 | 141.0 | 161.0 | 4.90 | 16.00 | 3.31 |
| — | — | — | 25.5 | 32.4 | 36.0 | 40.1 | 50.4 | 60.5 | 70.7 | 82.8 | 95.8 | 110.9 | 128.5 | 148.5 | 8.50 | 28.00 | 3.32 |
| — | — | — | — | — | — | 28.7 | 39.5 | 50.0 | 60.5 | 72.5 | 85.7 | 100.8 | 118.4 | 138.6 | 11.30 | 37.50 | 3.34 |
| — | — | — | — | — | — | — | — | — | 45.6 | 58.3 | 71.8 | 87.2 | 105.0 | 125.2 | 15.00 | 50.00 | 3.35 |
| **0.87** | **0.90** | **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | 19.1 | 24.5 | 30.8 | 37.5 | 41.1 | 45.1 | 55.3 | 65.4 | 75.4 | 87.5 | 100.5 | 115.6 | 133.1 | 153.2 | 7.10 | 23.60 | 3.36 |
| 16.7 | 22.1 | 27.4 | 33.6 | 40.2 | 43.8 | 47.8 | 57.9 | 68.0 | 78.0 | 90.1 | 103.1 | 118.2 | 135.7 | 155.7 | 6.30 | 21.20 | 3.40 |
| — | — | — | — | 28.3 | 32.1 | 36.3 | 46.7 | 56.9 | 67.1 | 79.2 | 92.3 | 107.4 | 125.0 | 145.1 | 9.25 | 31.50 | 3.43 |
| 19.9 | 25.1 | 30.3 | 36.4 | 43.0 | 46.5 | 50.6 | 60.6 | 70.7 | 80.7 | 92.8 | 105.8 | 120.8 | 138.3 | 158.4 | 5.50 | 18.70 | 3.44 |
| — | — | — | — | — | — | 28.9 | 39.8 | 50.2 | 60.2 | 72.8 | 86.0 | 101.1 | 118.7 | 138.8 | 10.90 | 37.50 | 3.46 |
| **0.83** | **0.87** | **0.90** | **0.93** | **0.96** | **0.97** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.14** | **1.16** | | | |
| 24.2 | 29.3 | 34.4 | 40.4 | 47.0 | 50.5 | 54.5 | 64.5 | 74.6 | 84.6 | 96.6 | 109.6 | 124.7 | 142.2 | 162.2 | 4.40 | 15.00 | 3.47 |
| 23.1 | 28.2 | 33.3 | 39.4 | 45.9 | 49.5 | 53.5 | 63.5 | 73.6 | 83.6 | 95.6 | 108.6 | 123.7 | 141.2 | 161.2 | 4.65 | 16.00 | 3.49 |
| — | — | — | 25.8 | 32.7 | 36.4 | 40.5 | 50.7 | 60.9 | 71.0 | 83.1 | 96.2 | 111.3 | 128.8 | 148.9 | 8.00 | 28.00 | 3.53 |
| — | — | — | — | 28.5 | 32.2 | 36.5 | 46.8 | 57.1 | 67.3 | 79.4 | 92.5 | 107.6 | 125.2 | 145.3 | 9.00 | 31.50 | 3.53 |
| — | 19.4 | 24.8 | 31.1 | 37.8 | 41.3 | 45.4 | 55.6 | 65.7 | 75.7 | 87.8 | 100.8 | 115.9 | 133.4 | 153.5 | 6.70 | 23.60 | 3.56 |
| **0.87** | **0.90** | **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | — | — | — | — | — | — | 35.1 | 46.2 | 59.0 | 72.5 | 87.9 | 105.7 | 125.9 | 14.00 | 50.00 | 3.59 |
| 17.0 | 22.4 | 27.7 | 33.9 | 40.5 | 44.1 | 48.1 | 58.2 | 68.3 | 78.3 | 90.4 | 103.4 | 118.5 | 136.0 | 156.0 | 5.90 | 21.20 | 3.64 |
| 20.1 | 25.3 | 30.5 | 36.6 | 43.2 | 46.7 | 50.8 | 60.9 | 70.9 | 80.9 | 93.0 | 106.0 | 121.0 | 138.6 | 158.6 | 5.20 | 18.70 | 3.65 |
| — | — | — | — | — | — | 29.3 | 40.2 | 50.6 | 60.9 | 73.2 | 86.4 | 101.5 | 119.2 | 139.3 | 10.30 | 37.50 | 3.67 |
| 23.3 | 28.4 | 33.5 | 39.6 | 46.1 | 49.6 | 53.7 | 63.7 | 73.7 | 83.8 | 95.8 | 108.8 | 123.8 | 141.4 | 161.4 | 4.40 | 16.00 | 3.70 |
| **0.86** | **0.89** | **0.92** | **0.94** | **0.97** | **0.98** | **0.99** | **1.01** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | — | — | 28.8 | 32.6 | 36.8 | 47.2 | 57.4 | 67.6 | 79.8 | 92.9 | 108.0 | 125.6 | 145.6 | 8.50 | 31.50 | 3.74 |
| — | — | — | 26.1 | 33.0 | 36.7 | 40.8 | 51.1 | 61.3 | 71.4 | 83.5 | 96.6 | 111.6 | 129.2 | 149.3 | 7.50 | 28.00 | 3.77 |
| — | 19.6 | 25.0 | 31.3 | 38.0 | 41.6 | 45.7 | 55.8 | 65.9 | 76.0 | 88.1 | 101.1 | 116.2 | 133.7 | 153.8 | 6.30 | 23.60 | 3.79 |
| — | — | — | — | — | — | — | — | 35.6 | 46.7 | 59.5 | 73.00 | 88.4 | 106.3 | 126.5 | 13.20 | 50.00 | 3.81 |
| 20.3 | 25.5 | 30.7 | 36.8 | 43.4 | 47.0 | 51.0 | 61.1 | 71.1 | 81.2 | 93.2 | 106.2 | 121.3 | 138.8 | 158.8 | 4.90 | 18.70 | 3.87 |
| **0.83** | **0.87** | **0.90** | **0.93** | **0.96** | **0.97** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.14** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 3.88 | 9.75 | 37.50 | 452 | 27.79 | 32.99 | 299 | 20.40 | 23.38 | 224 | 16.06 | 18.16 | 178 | 13.15 | 14.76 | — | — | — |
| 3.91 | 5.50 | 21.20 | 448 | 10.83 | 14.85 | 297 | 7.89 | 10.44 | 223 | 6.23 | 8.12 | 177 | 5.14 | 6.61 | — | — | — |
| 3.97 | 8.00 | 31.50 | 440 | 21.23 | 25.81 | 292 | 15.41 | 18.18 | 219 | 12.10 | 14.10 | 174 | 9.91 | 11.45 | — | — | — |
| 3.99 | 7.10 | 28.00 | 439 | 17.62 | 21.96 | 291 | 12.75 | 15.43 | 218 | 10.02 | 11.97 | 173 | 8.21 | 9.73 | — | — | — |
| 4.02 | 12.50 | 50.00 | 435 | 36.72 | 43.34 | 288 | 27.76 | 31.22 | 216 | 22.02 | 24.36 | 171 | 18.09 | 19.83 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 4.05 | 5.90 | 23.60 | 432 | 12.57 | 16.66 | 286 | 9.12 | 11.71 | 215 | 7.19 | 9.09 | 170 | 5.91 | 7.40 | — | — | — |
| 4.09 | 4.65 | 18.70 | 428 | 7.06 | 10.95 | 284 | 5.23 | 7.73 | 213 | 4.18 | 6.03 | 169 | 3.47 | 4.93 | — | — | 15.6 |
| 4.09 | 9.25 | 37.50 | 428 | 25.98 | 30.98 | 284 | 19.00 | 21.92 | 213 | 14.94 | 17.01 | 169 | 12.24 | 13.82 | — | — | — |
| 4.14 | 5.20 | 21.20 | 423 | 9.52 | 13.49 | 280 | 6.95 | 9.49 | 210 | 5.51 | 7.39 | 167 | 4.55 | 6.02 | — | — | — |
| 4.20 | 9.00 | 37.50 | 416 | 25.06 | 29.97 | 276 | 18.29 | 21.18 | 207 | 14.38 | 16.43 | 164 | 11.77 | 13.35 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.77** |
| 4.21 | 16.00 | 67.00 | + | + | + | 276 | 36.17 | 40.53 | 207 | 29.14 | 31.90 | 164 | 24.08 | 26.06 | — | — | — |
| 4.23 | 6.70 | 28.00 | 414 | 15.97 | 20.22 | 274 | 11.56 | 14.20 | 206 | 9.09 | 11.02 | 163 | 7.45 | 8.96 | — | — | — |
| 4.24 | 7.50 | 31.50 | 412 | 19.24 | 23.69 | 273 | 13.94 | 16.66 | 205 | 10.95 | 12.92 | 163 | 8.97 | 10.50 | — | — | — |
| 4.26 | 11.80 | 50.00 | 410 | 34.62 | 40.82 | 272 | 25.95 | 29.27 | 204 | 20.54 | 22.80 | 162 | 16.85 | 18.55 | — | — | — |
| 4.33 | 4.40 | 18.70 | 405 | 5.92 | 9.79 | 268 | 4.43 | 6.93 | 201 | 3.57 | 5.42 | 160 | 2.98 | 4.43 | — | — | 15.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.77** |
| 4.35 | 5.50 | 23.60 | 402 | 10.84 | 14.86 | 267 | 7.89 | 10.45 | 200 | 6.24 | 8.12 | 159 | 5.14 | 6.61 | — | — | — |
| 4.40 | 4.90 | 21.20 | 398 | 8.18 | 12.11 | 264 | 6.02 | 8.54 | 198 | 4.79 | 6.65 | 157 | 3.97 | 5.43 | — | — | — |
| 4.45 | 8.50 | 37.50 | 393 | 23.17 | 27.91 | 261 | 16.86 | 19.68 | 195 | 13.25 | 15.27 | 155 | 10.85 | 12.41 | — | — | — |
| 4.46 | 11.30 | 50.00 | 393 | 33.05 | 38.97 | 260 | 24.63 | 27.86 | 195 | 19.46 | 21.68 | 155 | 15.96 | 17.63 | — | — | — |
| 4.49 | 7.10 | 31.50 | 390 | 17.62 | 21.96 | 259 | 12.76 | 15.44 | 194 | 10.02 | 11.97 | 154 | 8.22 | 9.73 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 4.49 | 15.00 | 67.00 | + | + | + | 258 | 33.89 | 37.96 | 194 | 27.17 | 29.79 | 154 | 22.40 | 24.31 | — | — | — |
| 4.50 | 6.30 | 28.00 | 389 | 14.29 | 18.45 | 258 | 10.35 | 12.96 | 193 | 8.15 | 10.06 | 153 | 6.69 | 8.18 | — | — | — |
| 4.61 | 5.20 | 23.60 | 380 | 9.52 | 13.49 | 252 | 6.96 | 9.50 | 189 | 5.52 | 7.39 | 150 | 4.55 | 6.02 | — | — | — |
| 4.62 | 10.90 | 50.00 | 379 | 31.75 | 37.47 | 251 | 23.56 | 26.72 | 188 | 18.60 | 20.78 | 149 | 15.24 | 16.90 | — | — | — |
| 4.64 | 4.65 | 21.20 | 377 | 7.06 | 10.95 | 250 | 5.23 | 7.74 | 188 | 4.18 | 6.04 | 149 | 3.47 | 4.93 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 4.73 | 8.00 | 37.50 | 370 | 21.23 | 25.82 | 245 | 15.41 | 18.18 | 184 | 12.11 | 14.10 | 146 | 9.91 | 11.46 | — | — | — |
| 4.76 | 6.70 | 31.50 | 368 | 15.97 | 20.22 | 244 | 11.56 | 14.20 | 183 | 9.09 | 11.02 | 145 | 7.45 | 8.96 | — | — | — |
| 4.81 | 5.90 | 28.00 | 364 | 12.58 | 16.67 | 241 | 9.13 | 11.71 | 181 | 7.20 | 9.09 | 143 | 5.92 | 7.40 | — | — | — |
| 4.81 | 14.00 | 67.00 | 364 | 40.78 | 48.45 | 241 | 31.51 | 35.31 | 181 | 25.15 | 27.64 | 143 | 20.70 | 22.53 | — | — | — |
| 4.89 | 10.30 | 50.00 | 358 | 29.73 | 35.16 | 237 | 21.93 | 24.99 | 178 | 17.28 | 19.42 | 141 | 14.16 | 15.79 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 4.90 | 4.90 | 23.60 | 357 | 8.19 | 12.11 | 237 | 6.02 | 8.54 | 178 | 4.79 | 6.65 | 141 | 3.97 | 5.43 | — | — | — |
| 4.91 | 4.40 | 21.20 | 357 | 5.93 | 9.79 | 236 | 4.44 | 6.93 | 177 | 3.57 | 5.42 | 141 | 2.98 | 4.43 | — | — | — |
| 5.05 | 7.50 | 37.50 | 346 | 19.25 | 23.69 | 230 | 13.95 | 16.66 | 172 | 10.96 | 12.92 | 137 | 8.97 | 10.50 | — | — | — |
| 5.06 | 6.30 | 31.50 | 346 | 14.29 | 18.45 | 229 | 10.35 | 12.96 | 172 | 8.15 | 10.06 | 136 | 6.69 | 8.18 | — | — | — |
| 5.11 | 13.20 | 67.00 | 343 | 38.69 | 45.78 | 227 | 29.54 | 33.15 | 170 | 23.50 | 25.90 | 135 | 19.31 | 21.09 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 5.16 | 4.65 | 23.60 | 339 | 7.06 | 10.96 | 225 | 5.23 | 7.74 | 168 | 4.18 | 6.04 | 134 | 3.47 | 4.93 | — | — | — |
| 5.17 | 5.50 | 28.00 | 339 | 10.84 | 14.86 | 225 | 7.89 | 10.45 | 168 | 6.24 | 8.12 | 134 | 5.14 | 6.61 | — | — | — |
| 5.17 | 9.75 | 50.00 | 338 | 27.80 | 33.00 | 224 | 20.41 | 23.39 | 168 | 16.07 | 18.16 | 133 | 13.16 | 14.76 | — | — | — |
| 5.34 | 7.10 | 37.50 | 328 | 17.63 | 21.97 | 217 | 12.76 | 15.44 | 163 | 10.03 | 11.97 | 129 | 8.22 | 9.73 | — | — | — |
| 5.40 | 12.50 | 67.00 | 324 | 36.73 | 43.34 | 215 | 27.77 | 31.23 | 161 | 22.03 | 24.36 | 128 | 18.09 | 19.83 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 5.41 | 5.90 | 31.50 | 323 | 12.58 | 16.67 | 214 | 9.13 | 11.71 | 161 | 7.20 | 9.09 | 127 | 5.92 | 7.40 | — | — | — |
| 5.45 | 9.25 | 50.00 | 321 | 25.99 | 30.99 | 213 | 19.01 | 21.92 | 160 | 14.95 | 17.01 | 127 | 12.24 | 13.82 | — | — | — |
| 5.47 | 4.40 | 23.60 | 320 | 5.93 | 9.79 | 212 | 4.44 | 6.93 | 159 | 3.57 | 5.42 | 126 | 2.98 | 4.43 | — | — | — |
| 5.47 | 5.20 | 28.00 | 320 | 9.53 | 13.49 | 212 | 6.96 | 9.50 | 159 | 5.52 | 7.39 | 126 | 4.56 | 6.02 | — | — | — |
| 5.61 | 9.00 | 50.00 | 312 | 25.07 | 29.98 | 207 | 18.30 | 21.18 | 155 | 14.39 | 16.44 | 123 | 11.78 | 13.35 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |
| 5.67 | 6.70 | 37.50 | 309 | 15.98 | 20.22 | 205 | 11.56 | 14.21 | 154 | 9.09 | 11.02 | 122 | 7.46 | 8.96 | — | — | — |
| 5.72 | 11.80 | 67.00 | 306 | 34.63 | 40.83 | 203 | 25.96 | 29.27 | 152 | 20.54 | 22.81 | 121 | 16.85 | 18.55 | — | — | — |
| 5.81 | 4.90 | 28.00 | 301 | 8.19 | 12.12 | 200 | 6.02 | 8.54 | 150 | 4.79 | 6.65 | 119 | 3.97 | 5.43 | — | — | — |
| 5.81 | 5.50 | 31.50 | 301 | 10.85 | 14.86 | 199 | 7.89 | 10.45 | 150 | 6.24 | 8.12 | 119 | 5.14 | 6.62 | — | — | — |
| 5.94 | 8.50 | 50.00 | 295 | 23.18 | 27.92 | 195 | 16.87 | 19.69 | 146 | 13.25 | 15.27 | 116 | 10.85 | 12.41 | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | **0.0** | **0.0** | **0.0** |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| — | — | — | — | — | — | 29.6 | 40.5 | 51.0 | 61.3 | 73.6 | 86.8 | 101.9 | 119.6 | 139.7 | 9.75 | 37.50 | 3.88 |
| 17.2 | 22.7 | 27.9 | 34.1 | 40.8 | 44.3 | 48.4 | 58.5 | 68.6 | 78.6 | 90.7 | 103.7 | 118.8 | 136.3 | 156.3 | 5.50 | 21.20 | 3.91 |
| — | — | — | — | 29.1 | 32.9 | 37.1 | 47.5 | 57.8 | 68.0 | 80.1 | 93.2 | 108.3 | 125.9 | 146.0 | 8.00 | 31.50 | 3.97 |
| — | — | — | 26.4 | 33.3 | 37.0 | 41.1 | 51.4 | 61.5 | 71.7 | 83.8 | 96.9 | 111.9 | 129.5 | 149.6 | 7.10 | 28.00 | 3.99 |
| — | — | — | — | — | — | — | — | 36.0 | 47.2 | 60.0 | 73.5 | 88.9 | 106.8 | 127.0 | 12.50 | 50.00 | 4.02 |
| **0.78** | **0.84** | **0.88** | **0.92** | **0.95** | **0.96** | **0.97** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | 19.9 | 25.3 | 31.6 | 38.3 | 41.9 | 46.0 | 56.1 | 66.2 | 76.3 | 88.4 | 101.4 | 116.5 | 134.0 | 154.1 | 5.90 | 23.60 | 4.05 |
| 20.5 | 25.7 | 30.9 | 37.0 | 43.6 | 47.1 | 51.2 | 61.3 | 71.3 | 81.4 | 93.4 | 106.4 | 121.5 | 139.0 | 159.0 | 4.65 | 18.70 | 4.09 |
| — | — | — | — | — | — | 30.0 | 40.8 | 51.3 | 61.7 | 73.9 | 87.1 | 102.3 | 120.0 | 140.1 | 9.25 | 37.50 | 4.09 |
| 17.4 | 22.9 | 28.1 | 34.3 | 41.0 | 44.5 | 48.6 | 58.7 | 68.8 | 78.9 | 90.9 | 104.0 | 119.0 | 136.5 | 156.6 | 5.20 | 21.20 | 4.14 |
| — | — | — | — | — | — | 30.1 | 41.0 | 51.5 | 61.8 | 74.1 | 87.3 | 102.5 | 120.1 | 140.3 | 9.00 | 37.50 | 4.20 |
| **0.83** | **0.87** | **0.90** | **0.93** | **0.96** | **0.97** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.16** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 53.8 | 70.2 | 88.6 | 109.3 | 16.00 | 67.00 | 4.21 |
| — | — | 19.9 | 26.6 | 33.6 | 37.2 | 41.4 | 51.6 | 61.8 | 72.0 | 84.1 | 97.2 | 112.2 | 129.8 | 149.9 | 6.70 | 28.00 | 4.23 |
| — | — | — | 22.1 | 29.4 | 33.2 | 37.4 | 47.9 | 58.1 | 68.3 | 80.5 | 93.6 | 108.7 | 126.3 | 146.4 | 7.50 | 31.50 | 4.24 |
| — | — | — | — | — | — | — | — | 36.5 | 47.6 | 60.4 | 74.0 | 89.4 | 107.3 | 127.5 | 11.80 | 50.00 | 4.26 |
| 20.6 | 25.9 | 31.0 | 37.2 | 43.8 | 47.3 | 51.4 | 61.4 | 71.5 | 81.5 | 93.6 | 106.6 | 121.6 | 139.2 | 159.2 | 4.40 | 18.70 | 4.33 |
| **0.83** | **0.87** | **0.90** | **0.93** | **0.95** | **0.97** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.16** | | | |
| — | 20.1 | 25.5 | 31.9 | 38.6 | 42.2 | 46.3 | 56.4 | 66.5 | 76.6 | 88.7 | 101.7 | 116.8 | 134.3 | 154.4 | 5.50 | 23.60 | 4.35 |
| 17.6 | 23.1 | 28.3 | 34.5 | 41.2 | 44.8 | 48.8 | 58.9 | 69.0 | 79.1 | 91.1 | 104.2 | 119.2 | 136.8 | 156.8 | 4.90 | 21.20 | 4.40 |
| — | — | — | — | — | 25.8 | 30.4 | 41.3 | 51.8 | 62.2 | 74.5 | 87.7 | 102.8 | 120.5 | 140.6 | 8.50 | 37.50 | 4.45 |
| — | — | — | — | — | — | — | — | 36.8 | 48.0 | 60.8 | 74.3 | 89.8 | 107.6 | 127.9 | 11.30 | 50.00 | 4.46 |
| — | — | — | 22.4 | 29.7 | 33.5 | 37.7 | 48.1 | 58.4 | 68.6 | 80.8 | 93.9 | 109.0 | 126.6 | 146.7 | 7.10 | 31.50 | 4.49 |
| **0.78** | **0.84** | **0.88** | **0.91** | **0.94** | **0.96** | **0.97** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 54.4 | 70.8 | 89.3 | 110.0 | 15.00 | 67.00 | 4.49 |
| — | — | 20.1 | 26.9 | 33.8 | 37.5 | 41.6 | 51.9 | 62.1 | 72.2 | 84.4 | 97.5 | 112.5 | 130.1 | 150.2 | 6.30 | 28.00 | 4.50 |
| — | 20.3 | 25.7 | 32.1 | 38.8 | 42.4 | 46.5 | 56.6 | 66.7 | 76.8 | 88.9 | 102.0 | 117.0 | 134.6 | 154.6 | 5.20 | 23.60 | 4.61 |
| — | — | — | — | — | — | — | — | 37.0 | 48.2 | 61.0 | 74.6 | 90.0 | 107.9 | 128.2 | 10.90 | 50.00 | 4.62 |
| 17.8 | 23.2 | 28.5 | 34.7 | 41.4 | 44.9 | 49.0 | 59.1 | 69.2 | 79.3 | 91.3 | 104.4 | 119.4 | 136.9 | 157.0 | 4.65 | 21.20 | 4.64 |
| **0.78** | **0.84** | **0.88** | **0.91** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | — | — | — | — | 26.1 | 30.7 | 41.7 | 52.2 | 62.5 | 74.8 | 88.0 | 103.2 | 120.9 | 141.0 | 8.00 | 37.50 | 4.73 |
| — | — | — | 22.6 | 29.9 | 33.7 | 38.0 | 48.4 | 58.7 | 68.9 | 81.0 | 94.2 | 109.3 | 126.9 | 147.0 | 6.70 | 31.50 | 4.76 |
| — | — | 20.4 | 27.1 | 34.1 | 37.8 | 41.9 | 52.2 | 62.4 | 72.5 | 84.7 | 97.8 | 112.8 | 130.4 | 150.5 | 5.90 | 28.00 | 4.81 |
| — | — | — | — | — | — | — | — | — | — | — | 55.0 | 71.5 | 90.0 | 110.7 | 14.00 | 67.00 | 4.81 |
| — | — | — | — | — | — | — | — | 37.4 | 48.6 | 61.4 | 75.0 | 90.5 | 108.3 | 128.6 | 10.30 | 50.00 | 4.89 |
| **0.0** | **0.0** | **0.77** | **0.85** | **0.90** | **0.92** | **0.94** | **0.98** | **1.01** | **1.03** | **1.06** | **1.08** | **1.10** | **1.12** | **1.15** | | | |
| — | 20.5 | 25.9 | 32.3 | 39.0 | 42.6 | 46.7 | 56.8 | 67.0 | 77.0 | 89.1 | 102.2 | 117.2 | 134.8 | 154.8 | 4.90 | 23.60 | 4.90 |
| 17.9 | 23.4 | 28.7 | 34.9 | 41.5 | 45.1 | 49.2 | 59.3 | 69.4 | 79.4 | 91.5 | 104.6 | 119.6 | 137.1 | 157.2 | 4.40 | 21.20 | 4.91 |
| — | — | — | — | — | 26.4 | 31.0 | 42.0 | 52.5 | 62.9 | 75.2 | 88.4 | 103.6 | 121.2 | 141.4 | 7.50 | 37.50 | 5.05 |
| — | — | — | 22.8 | 30.2 | 34.0 | 38.2 | 48.7 | 59.0 | 69.2 | 81.3 | 94.5 | 109.6 | 127.2 | 147.3 | 6.30 | 31.50 | 5.06 |
| — | — | — | — | — | — | — | — | — | — | — | 55.5 | 72.0 | 90.5 | 111.3 | 13.20 | 67.00 | 5.11 |
| **0.78** | **0.84** | **0.88** | **0.91** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | 20.6 | 26.1 | 32.4 | 39.2 | 42.8 | 46.9 | 57.0 | 67.1 | 77.2 | 89.3 | 102.4 | 117.4 | 135.0 | 155.0 | 4.65 | 23.60 | 5.16 |
| — | — | 20.6 | 27.4 | 34.3 | 38.0 | 42.2 | 52.5 | 62.7 | 72.8 | 84.9 | 98.0 | 113.1 | 130.7 | 150.8 | 5.50 | 28.00 | 5.17 |
| — | — | — | — | — | — | — | — | 37.7 | 48.9 | 61.8 | 75.4 | 90.8 | 108.7 | 129.0 | 9.75 | 50.00 | 5.17 |
| — | — | — | — | — | 26.6 | 31.3 | 42.2 | 52.8 | 63.1 | 75.4 | 88.7 | 103.9 | 121.5 | 141.7 | 7.10 | 37.50 | 5.34 |
| — | — | — | — | — | — | — | — | — | — | — | 55.9 | 72.4 | 91.0 | 111.7 | 12.50 | 67.00 | 5.40 |
| **0.0** | **0.80** | **0.85** | **0.90** | **0.93** | **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.11** | **1.13** | **1.15** | | | |
| — | — | — | 23.1 | 30.4 | 34.2 | 38.5 | 49.0 | 59.2 | 69.4 | 81.6 | 94.8 | 109.9 | 127.5 | 147.6 | 5.90 | 31.50 | 5.41 |
| — | — | — | — | — | — | — | — | 38.0 | 49.3 | 62.1 | 75.7 | 91.2 | 109.1 | 129.4 | 9.25 | 50.00 | 5.45 |
| — | 20.8 | 26.3 | 32.6 | 39.3 | 42.9 | 47.0 | 57.2 | 67.3 | 77.4 | 89.5 | 102.6 | 117.6 | 135.2 | 155.2 | 4.40 | 23.60 | 5.47 |
| — | — | 20.8 | 27.6 | 34.5 | 38.2 | 42.4 | 52.7 | 62.9 | 73.0 | 85.2 | 98.3 | 113.4 | 130.9 | 151.0 | 5.20 | 28.00 | 5.47 |
| — | — | — | — | — | — | — | — | 38.2 | 49.4 | 62.3 | 75.9 | 91.4 | 109.2 | 129.5 | 9.00 | 50.00 | 5.61 |
| **0.0** | **0.80** | **0.85** | **0.89** | **0.93** | **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.11** | **1.13** | **1.15** | | | |
| — | — | — | — | — | 26.9 | 31.5 | 42.5 | 53.1 | 63.4 | 75.7 | 89.0 | 104.1 | 121.8 | 141.9 | 6.70 | 37.50 | 5.67 |
| — | — | — | — | — | — | — | — | — | — | — | 56.4 | 72.9 | 91.4 | 112.2 | 11.80 | 67.00 | 5.72 |
| — | — | 21.0 | 27.8 | 34.7 | 38.4 | 42.6 | 52.9 | 63.1 | 73.2 | 85.4 | 98.5 | 113.6 | 131.2 | 151.2 | 4.90 | 28.00 | 5.81 |
| — | — | — | 23.3 | 30.7 | 34.5 | 38.8 | 49.2 | 59.5 | 69.7 | 81.9 | 95.1 | 110.2 | 127.8 | 147.9 | 5.50 | 31.50 | 5.81 |
| — | — | — | — | — | — | — | — | 38.5 | 49.7 | 62.6 | 76.2 | 91.7 | 109.6 | 129.9 | 8.50 | 50.00 | 5.94 |
| **0.0** | **0.0** | **0.77** | **0.85** | **0.90** | **0.92** | **0.94** | **0.97** | **1.00** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.15** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 5V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | 690 RPM Motriz | | | Designación de Largo de Banda 5V/5VX | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | Impuls. RPM | HP por Banda 5V | HP por Banda 5VX | 500 | 600 | 710 |
| 5.97 | 11.30 | 67.00 | 293 | 33.06 | 38.98 | 194 | 24.64 | 27.86 | 146 | 19.47 | 21.69 | 116 | 15.96 | 17.64 | — | — | — |
| 6.03 | 6.30 | 37.50 | 290 | 14.29 | 18.46 | 192 | 10.35 | 12.96 | 144 | 8.15 | 10.06 | 114 | 6.69 | 8.18 | — | — | — |
| 6.13 | 4.65 | 28.00 | 285 | 7.07 | 10.96 | 189 | 5.23 | 7.74 | 142 | 4.18 | 6.04 | 113 | 3.48 | 4.93 | — | — | — |
| 6.16 | 5.20 | 31.50 | 284 | 9.53 | 13.50 | 188 | 6.96 | 9.50 | 141 | 5.52 | 7.39 | 112 | 4.56 | 6.02 | — | — | — |
| 6.19 | 10.90 | 67.00 | 283 | 31.76 | 37.47 | 187 | 23.57 | 26.72 | 140 | 18.60 | 20.79 | + | 15.24 | 16.90 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 6.32 | 8.00 | 50.00 | 277 | 21.24 | 25.82 | 184 | 15.42 | 18.18 | 138 | 12.11 | 14.10 | 109 | 9.92 | 11.46 | — | — | — |
| 6.45 | 5.90 | 37.50 | 271 | 12.59 | 16.67 | 180 | 9.13 | 11.71 | 135 | 7.20 | 9.09 | 107 | 5.92 | 7.40 | — | — | — |
| 6.49 | 4.40 | 28.00 | 270 | 5.94 | 9.79 | 179 | 4.44 | 6.94 | 134 | 3.57 | 5.42 | 106 | 2.98 | 4.43 | — | — | — |
| 6.54 | 4.90 | 31.50 | 268 | 8.19 | 12.12 | 177 | 6.02 | 8.54 | 133 | 4.79 | 6.65 | 105 | 3.97 | 5.43 | — | — | — |
| 6.56 | 10.30 | 67.00 | 267 | 29.73 | 35.16 | 177 | 21.93 | 24.99 | 133 | 17.29 | 19.42 | 105 | 14.16 | 15.79 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 6.74 | 7.50 | 50.00 | 260 | 19.26 | 23.70 | 172 | 13.95 | 16.67 | 129 | 10.96 | 12.92 | 102 | 8.98 | 10.50 | — | — | — |
| 6.90 | 4.65 | 31.50 | 254 | 7.07 | 10.96 | 168 | 5.24 | 7.74 | 126 | 4.19 | 6.04 | 100 | 3.48 | 4.93 | — | — | — |
| 6.93 | 5.50 | 37.50 | 253 | 10.85 | 14.87 | 167 | 7.90 | 10.45 | 126 | 6.24 | 8.12 | 100 | 5.14 | 6.62 | — | — | — |
| 6.93 | 9.75 | 67.00 | 252 | 27.81 | 33.00 | 167 | 20.41 | 23.39 | 125 | 16.07 | 18.17 | 100 | 13.16 | 14.76 | — | — | — |
| 7.13 | 7.10 | 50.00 | 245 | 17.63 | 21.97 | 163 | 12.76 | 15.44 | 122 | 10.03 | 11.98 | 97 | 8.22 | 9.73 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 7.30 | 4.40 | 31.50 | 240 | 5.94 | 9.80 | 159 | 4.44 | 6.94 | 119 | 3.57 | 5.42 | 94 | 2.98 | 4.43 | — | — | — |
| 7.31 | 9.25 | 67.00 | 239 | 26.00 | 31.00 | 159 | 19.01 | 21.92 | 119 | 14.95 | 17.02 | 94 | 12.24 | 13.83 | — | — | — |
| 7.33 | 5.20 | 37.50 | 239 | 9.53 | 13.50 | 158 | 6.96 | 9.50 | 119 | 5.52 | 7.39 | 94 | 4.56 | 6.02 | — | — | — |
| 7.52 | 9.00 | 67.00 | 233 | 25.07 | 29.98 | 154 | 18.30 | 21.18 | 116 | 14.39 | 16.44 | 92 | 11.78 | 13.35 | — | — | — |
| 7.56 | 6.70 | 50.00 | 231 | 15.98 | 20.23 | 153 | 11.56 | 14.21 | 115 | 9.09 | 11.02 | 91 | 7.46 | 8.96 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 7.79 | 4.90 | 37.50 | 225 | 8.20 | 12.12 | 149 | 6.03 | 8.54 | 112 | 4.79 | 6.66 | 89 | 3.97 | 5.43 | — | — | — |
| 7.96 | 8.50 | 67.00 | 220 | 23.18 | 27.92 | 146 | 16.87 | 19.69 | 109 | 13.26 | 15.27 | 87 | 10.85 | 12.41 | — | — | — |
| 8.05 | 6.30 | 50.00 | 217 | 14.30 | 18.46 | 144 | 10.35 | 12.97 | 108 | 8.15 | 10.06 | 86 | 6.69 | 8.18 | — | — | — |
| 8.22 | 4.65 | 37.50 | 213 | 7.07 | 10.96 | 141 | 5.24 | 7.74 | 106 | 4.19 | 6.04 | 84 | 3.48 | 4.93 | — | — | — |
| 8.47 | 8.00 | 67.00 | 207 | 21.25 | 25.83 | 137 | 15.42 | 18.19 | 103 | 12.11 | 14.10 | 81 | 9.92 | 11.46 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 8.60 | 5.90 | 50.00 | 203 | 12.59 | 16.67 | 135 | 9.13 | 11.72 | 101 | 7.20 | 9.10 | 80 | 5.92 | 7.40 | — | — | — |
| 8.70 | 4.40 | 37.50 | 201 | 5.94 | 9.80 | 133 | 4.44 | 6.94 | 100 | 3.57 | 5.42 | 79 | 2.98 | 4.43 | — | — | — |
| 9.04 | 7.50 | 67.00 | 194 | 19.26 | 23.70 | 128 | 13.95 | 16.67 | 96 | 10.96 | 12.93 | 76 | 8.98 | 10.50 | — | — | — |
| 9.24 | 5.50 | 50.00 | 189 | 10.85 | 14.87 | 126 | 7.90 | 10.45 | 94 | 6.24 | 8.12 | 75 | 5.15 | 6.62 | — | — | — |
| 9.56 | 7.10 | 67.00 | 183 | 17.64 | 21.97 | 121 | 12.77 | 15.44 | 91 | 10.03 | 11.98 | 72 | 8.22 | 9.73 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 9.78 | 5.20 | 50.00 | 179 | 9.53 | 13.50 | 119 | 6.97 | 9.50 | 89 | 5.52 | 7.39 | 71 | 4.56 | 6.03 | — | — | — |
| 10.14 | 6.70 | 67.00 | 173 | 15.98 | 20.23 | 114 | 11.57 | 14.21 | 86 | 9.10 | 11.02 | 68 | 7.46 | 8.96 | — | — | — |
| 10.40 | 4.90 | 50.00 | 168 | 8.20 | 12.12 | 112 | 6.03 | 8.55 | 84 | 4.80 | 6.66 | 66 | 3.97 | 5.43 | — | — | — |
| 10.79 | 6.30 | 67.00 | 162 | 14.30 | 18.46 | 108 | 10.36 | 12.97 | 81 | 8.15 | 10.06 | 64 | 6.69 | 8.18 | — | — | — |
| 10.97 | 4.65 | 50.00 | 160 | 7.08 | 10.96 | 106 | 5.24 | 7.74 | 79 | 4.19 | 6.04 | 63 | 3.48 | 4.93 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 11.53 | 5.90 | 67.00 | 152 | 12.59 | 16.68 | 101 | 9.13 | 11.72 | 75 | 7.20 | 9.10 | 60 | 5.92 | 7.40 | — | — | — |
| 11.60 | 4.40 | 50.00 | 151 | 5.94 | 9.80 | 100 | 4.45 | 6.94 | 75 | 3.58 | 5.42 | 59 | 2.98 | 4.44 | — | — | — |
| 12.39 | 5.50 | 67.00 | 141 | 10.86 | 14.87 | 94 | 7.90 | 10.46 | 70 | 6.25 | 8.13 | 56 | 5.15 | 6.62 | — | — | — |
| 13.12 | 5.20 | 67.00 | 133 | 9.54 | 13.50 | 88 | 6.97 | 9.50 | 66 | 5.52 | 7.39 | 53 | 4.56 | 6.03 | — | — | — |
| 13.94 | 4.90 | 67.00 | 126 | 8.20 | 12.12 | 83 | 6.03 | 8.55 | 62 | 4.80 | 6.66 | 50 | 3.97 | 5.43 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| 14.70 | 4.65 | 67.00 | 119 | 7.08 | 10.97 | 79 | 5.24 | 7.75 | 59 | 4.19 | 6.04 | 47 | 3.48 | 4.93 | — | — | — |
| 15.56 | 4.40 | 67.00 | 112 | 5.94 | 9.80 | 75 | 4.45 | 6.94 | 56 | 3.58 | 5.42 | 44 | 2.98 | 4.44 | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 |

5V = BANDA-V ESTÁNDAR
5VX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 5V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleass | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 5V/5VX | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 800 | 900 | 1000 | 1120 | 1250 | 1320 | 1400 | 1600 | 1800 | 2000 | 2240 | 2500 | 2800 | 3150 | 3550 | | | |
| — | — | — | — | — | — | — | — | — | — | — | 56.7 | 73.2 | 91.8 | 112.6 | 11.30 | 67.00 | 5.97 |
| — | — | — | — | — | 27.1 | 31.8 | 42.8 | 53.3 | 63.7 | 76.0 | 89.2 | 104.4 | 122.1 | 142.2 | 6.30 | 37.50 | 6.03 |
| — | — | 21.1 | 27.9 | 34.9 | 38.6 | 42.8 | 53.1 | 63.3 | 73.4 | 85.6 | 98.7 | 113.8 | 131.3 | 151.4 | 4.65 | 28.00 | 6.13 |
| — | — | — | 23.5 | 30.9 | 34.7 | 39.0 | 49.4 | 59.7 | 69.9 | 82.1 | 95.3 | 110.4 | 128.0 | 148.1 | 5.20 | 31.50 | 6.16 |
| — | — | — | — | — | — | — | — | — | — | — | 56.9 | 73.5 | 92.0 | 112.8 | 10.90 | 67.00 | 6.19 |
| **0.0** | **0.0** | **0.77** | **0.85** | **0.90** | **0.92** | **0.94** | **0.97** | **1.00** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.15** | | | |
| — | — | — | — | — | — | — | — | 38.8 | 50.0 | 62.9 | 76.6 | 92.1 | 109.9 | 130.3 | 8.00 | 50.00 | 6.32 |
| — | — | — | — | — | 27.4 | 32.0 | 43.0 | 53.6 | 64.0 | 76.3 | 89.5 | 104.7 | 122.4 | 142.5 | 5.90 | 37.50 | 6.45 |
| — | — | 21.3 | 28.1 | 35.1 | 38.8 | 42.9 | 53.2 | 63.5 | 73.6 | 85.7 | 98.8 | 113.9 | 131.5 | 151.6 | 4.40 | 28.00 | 6.49 |
| — | — | — | 23.7 | 31.1 | 34.9 | 39.2 | 49.6 | 59.9 | 70.2 | 82.3 | 95.5 | 110.6 | 128.2 | 148.3 | 4.90 | 31.50 | 6.54 |
| — | — | — | — | — | — | — | — | — | — | 41.6 | 57.3 | 73.8 | 92.4 | 113.2 | 10.30 | 67.00 | 6.56 |
| **0.0** | **0.0** | **0.76** | **0.84** | **0.89** | **0.91** | **0.93** | **0.97** | **1.00** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.15** | | | |
| — | — | — | — | — | — | — | — | 39.1 | 50.4 | 63.3 | 76.9 | 92.4 | 110.3 | 130.6 | 7.50 | 50.00 | 6.74 |
| — | — | — | 23.8 | 31.2 | 35.0 | 39.3 | 49.8 | 60.1 | 70.3 | 82.5 | 95.7 | 110.8 | 128.4 | 148.5 | 4.65 | 31.50 | 6.90 |
| — | — | — | — | — | 27.6 | 32.3 | 43.3 | 53.9 | 64.2 | 76.6 | 89.8 | 105.0 | 122.7 | 142.8 | 5.50 | 37.50 | 6.93 |
| — | — | — | — | — | — | — | — | — | — | 42.0 | 57.6 | 74.2 | 92.8 | 113.6 | 9.75 | 67.00 | 6.93 |
| — | — | — | — | — | — | — | — | 39.3 | 50.6 | 63.5 | 77.2 | 92.7 | 110.6 | 130.9 | 7.10 | 50.00 | 7.13 |
| **0.0** | **0.0** | **0.0** | **0.77** | **0.86** | **0.88** | **0.91** | **0.96** | **0.99** | **1.02** | **1.04** | **1.07** | **1.09** | **1.12** | **1.14** | | | |
| — | — | — | 24.0 | 31.4 | 35.2 | 39.5 | 50.0 | 60.3 | 70.5 | 82.7 | 95.8 | 111.0 | 128.6 | 148.7 | 4.40 | 31.50 | 7.30 |
| — | — | — | — | — | — | — | — | — | — | 42.2 | 57.9 | 74.5 | 93.1 | 114.0 | 9.25 | 67.00 | 7.31 |
| — | — | — | — | — | 27.8 | 32.4 | 43.5 | 54.1 | 64.4 | 76.8 | 90.0 | 105.2 | 122.9 | 143.1 | 5.20 | 37.50 | 7.33 |
| — | — | — | — | — | — | — | — | — | — | 42.4 | 58.1 | 74.7 | 93.3 | 114.1 | 9.00 | 67.00 | 7.52 |
| — | — | — | — | — | — | — | — | 39.5 | 50.9 | 63.8 | 77.4 | 92.9 | 110.9 | 131.2 | 6.70 | 50.00 | 7.56 |
| **0.0** | **0.0** | **0.0** | **0.77** | **0.86** | **0.88** | **0.91** | **0.96** | **0.99** | **1.02** | **1.04** | **1.07** | **1.09** | **1.12** | **1.14** | | | |
| — | — | — | — | 23.6 | 27.9 | 32.6 | 43.7 | 54.3 | 64.6 | 77.0 | 90.2 | 105.4 | 123.1 | 143.3 | 4.90 | 37.50 | 7.79 |
| — | — | — | — | — | — | — | — | — | — | 42.7 | 58.4 | 75.0 | 93.6 | 114.5 | 8.50 | 67.00 | 7.96 |
| — | — | — | — | — | — | — | — | 39.8 | 51.1 | 64.1 | 77.7 | 93.2 | 111.1 | 131.5 | 6.30 | 50.00 | 8.05 |
| — | — | — | — | 23.7 | 28.1 | 32.8 | 43.8 | 54.4 | 64.8 | 77.1 | 90.4 | 105.6 | 123.3 | 143.5 | 4.65 | 37.50 | 8.22 |
| — | — | — | — | — | — | — | — | — | — | 43.0 | 58.7 | 75.3 | 94.0 | 114.8 | 8.00 | 67.00 | 8.47 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.70** | **0.78** | **0.84** | **0.92** | **0.96** | **1.00** | **1.03** | **1.06** | **1.08** | **1.11** | **1.13** | | | |
| — | — | — | — | — | — | — | — | 40.0 | 51.4 | 64.3 | 78.0 | 93.5 | 111.4 | 131.8 | 5.90 | 50.00 | 8.60 |
| — | — | — | — | 23.8 | 28.2 | 32.9 | 44.0 | 54.6 | 65.0 | 77.3 | 90.6 | 105.8 | 123.5 | 143.6 | 4.40 | 37.50 | 8.70 |
| — | — | — | — | — | — | — | — | — | — | 43.3 | 59.0 | 75.6 | 94.3 | 115.1 | 7.50 | 67.00 | 9.04 |
| — | — | — | — | — | — | — | — | 40.3 | 51.6 | 64.6 | 78.2 | 93.8 | 111.7 | 132.0 | 5.50 | 50.00 | 9.24 |
| — | — | — | — | — | — | — | — | — | — | 43.5 | 59.2 | 75.9 | 94.6 | 115.4 | 7.10 | 67.00 | 9.56 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.70** | **0.78** | **0.84** | **0.91** | **0.96** | **1.00** | **1.03** | **1.06** | **1.08** | **1.11** | **1.13** | | | |
| — | — | — | — | — | — | — | — | 40.4 | 51.8 | 64.8 | 78.4 | 94.0 | 111.9 | 132.2 | 5.20 | 50.00 | 9.78 |
| — | — | — | — | — | — | — | — | — | — | 43.7 | 59.5 | 76.1 | 94.8 | 115.7 | 6.70 | 67.00 | 10.14 |
| — | — | — | — | — | — | — | — | 40.6 | 52.0 | 65.0 | 78.6 | 94.2 | 112.1 | 132.5 | 4.90 | 50.00 | 10.40 |
| — | — | — | — | — | — | — | — | — | — | 44.0 | 59.7 | 76.4 | 95.1 | 116.0 | 6.30 | 67.00 | 10.79 |
| — | — | — | — | — | — | — | — | 40.8 | 52.1 | 65.1 | 78.8 | 94.4 | 112.3 | 132.6 | 4.65 | 50.00 | 10.97 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.84** | **0.92** | **0.98** | **1.02** | **1.05** | **1.08** | **1.11** | | | |
| — | — | — | — | — | — | — | — | — | — | 44.2 | 60.0 | 76.7 | 95.4 | 116.2 | 5.90 | 67.00 | 11.53 |
| — | — | — | — | — | — | — | — | 40.9 | 52.3 | 65.3 | 79.0 | 94.5 | 112.5 | 132.8 | 4.40 | 50.00 | 11.60 |
| — | — | — | — | — | — | — | — | — | — | 44.4 | 60.2 | 76.9 | 95.6 | 116.5 | 5.50 | 67.00 | 12.39 |
| — | — | — | — | — | — | — | — | — | — | 44.6 | 60.4 | 77.1 | 95.8 | 116.7 | 5.20 | 67.00 | 13.12 |
| — | — | — | — | — | — | — | — | — | — | 44.8 | 60.6 | 77.3 | 96.0 | 116.9 | 4.90 | 67.00 | 13.94 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.84** | **0.92** | **0.97** | **1.02** | **1.05** | **1.08** | **1.11** | | | |
| — | — | — | — | — | — | — | — | — | — | 44.9 | 60.7 | 77.5 | 96.2 | 117.1 | 4.65 | 67.00 | 14.70 |
| — | — | — | — | — | — | — | — | — | — | 45.0 | 60.9 | 77.6 | 96.3 | 117.2 | 4.40 | 67.00 | 15.56 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.91** | **0.98** | **1.03** | **1.08** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 8V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | 690 RPM Motriz | | Designación de Largo de Banda 8V | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | 1000 | 1180 | 1320 | 1400 | 1600 | 1800 | 2000 |
| 1.00 | 12.50 | 12.50 | 1750 | 50.91 | 1160 | 42.57 | 870 | 35.00 | 690 | 29.32 | 30.4 | 39.4 | 46.4 | 50.4 | 60.4 | 70.4 | 80.4 |
| 1.00 | 13.20 | 13.20 | 1750 | 56.13 | 1160 | 47.26 | 870 | 38.87 | 690 | 32.56 | 29.3 | 38.3 | 45.3 | 49.3 | 59.3 | 69.3 | 79.3 |
| 1.00 | 14.00 | 14.00 | 1750 | 61.66 | 1160 | 52.48 | 870 | 43.24 | 690 | 36.21 | 28.0 | 37.0 | 44.0 | 48.0 | 58.0 | 68.0 | 78.0 |
| 1.00 | 15.00 | 15.00 | + | + | 1160 | 58.77 | 870 | 48.58 | 690 | 40.72 | 26.4 | 35.4 | 42.4 | 46.4 | 56.4 | 66.4 | 76.4 |
| 1.00 | 16.00 | 16.00 | + | + | 1160 | 64.81 | 870 | 53.81 | 690 | 45.16 | 24.9 | 33.9 | 40.9 | 44.9 | 54.9 | 64.9 | 74.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.87** | **0.89** | **0.91** | **0.92** | **0.94** | **0.95** | **0.97** |
| 1.00 | 17.00 | 17.00 | + | + | 1160 | 70.58 | 870 | 58.90 | 690 | 49.53 | 23.3 | 32.3 | 39.3 | 43.3 | 53.3 | 63.3 | 73.3 |
| 1.00 | 18.00 | 18.00 | + | + | 1160 | 76.06 | 870 | 63.87 | 690 | 53.82 | 21.7 | 30.7 | 37.7 | 41.7 | 51.7 | 61.7 | 71.7 |
| 1.00 | 19.00 | 19.00 | + | + | 1160 | 81.25 | 870 | 68.70 | 690 | 58.04 | — | 29.2 | 36.2 | 40.2 | 50.2 | 60.2 | 70.2 |
| 1.00 | 20.00 | 20.00 | + | + | 1160 | 86.12 | 870 | 73.39 | 690 | 62.18 | — | 27.6 | 34.6 | 38.6 | 48.6 | 58.6 | 68.6 |
| 1.00 | 21.20 | 21.20 | + | + | 1160 | 91.55 | 870 | 78.82 | 690 | 67.05 | — | 25.7 | 32.7 | 36.7 | 46.7 | 56.7 | 66.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.87** | **0.89** | **0.91** | **0.92** | **0.94** | **0.95** | **0.97** |
| 1.00 | 22.40 | 22.40 | + | + | + | + | 870 | 84.03 | 690 | 71.80 | — | — | 30.8 | 34.8 | 44.8 | 54.8 | 64.8 |
| 1.00 | 24.80 | 24.80 | + | + | + | + | 870 | 93.77 | 690 | 80.92 | — | — | — | 31.0 | 41.0 | 51.0 | 61.0 |
| 1.05 | 19.00 | 20.00 | + | + | 1101 | 82.51 | 826 | 69.65 | 655 | 58.80 | — | 28.4 | 35.4 | 39.4 | 49.4 | 59.4 | 69.4 |
| 1.06 | 12.50 | 13.20 | 1656 | 53.14 | 1098 | 44.06 | 823 | 36.11 | 653 | 30.21 | 29.8 | 38.8 | 45.8 | 49.8 | 59.8 | 69.8 | 79.8 |
| 1.06 | 13.20 | 14.00 | 1649 | 58.37 | 1093 | 48.75 | 820 | 39.99 | 650 | 33.44 | 28.6 | 37.6 | 44.6 | 48.6 | 58.6 | 68.6 | 78.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.86** | **0.89** | **0.91** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.06 | 16.00 | 17.00 | + | + | 1091 | 66.29 | 818 | 54.92 | 649 | 46.04 | 24.1 | 33.1 | 40.1 | 44.1 | 54.1 | 64.1 | 74.1 |
| 1.06 | 17.00 | 18.00 | + | + | 1095 | 72.06 | 821 | 60.01 | 651 | 50.41 | 22.5 | 31.5 | 38.5 | 42.5 | 52.5 | 62.5 | 72.5 |
| 1.06 | 18.00 | 19.00 | + | + | 1098 | 77.54 | 824 | 64.98 | 653 | 54.71 | — | 29.9 | 36.9 | 40.9 | 50.9 | 60.9 | 70.9 |
| 1.06 | 20.00 | 21.20 | + | + | 1094 | 87.60 | 820 | 74.50 | 651 | 63.07 | — | 26.6 | 33.6 | 37.6 | 47.6 | 57.6 | 67.6 |
| 1.06 | 21.20 | 22.40 | + | + | 1097 | 93.03 | 823 | 79.93 | 653 | 67.93 | — | — | 31.8 | 35.8 | 45.8 | 55.8 | 65.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.86** | **0.89** | **0.90** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.07 | 14.00 | 15.00 | 1632 | 64.21 | 1082 | 54.17 | 811 | 44.50 | 643 | 37.22 | 27.2 | 36.2 | 43.2 | 47.2 | 57.2 | 67.2 | 77.2 |
| 1.07 | 15.00 | 16.00 | + | + | 1087 | 60.46 | 815 | 49.85 | 646 | 41.73 | 25.6 | 34.6 | 41.6 | 45.7 | 55.7 | 65.7 | 75.7 |
| 1.11 | 18.00 | 20.00 | + | + | 1043 | 78.48 | 782 | 65.68 | 620 | 55.26 | — | 29.1 | 36.1 | 40.1 | 50.1 | 60.1 | 70.1 |
| 1.11 | 22.40 | 24.80 | + | + | + | + | 785 | 85.85 | 623 | 73.24 | — | — | 28.9 | 32.9 | 42.9 | 52.9 | 62.9 |
| 1.12 | 12.50 | 14.00 | 1560 | 54.80 | 1034 | 45.16 | 775 | 36.93 | 615 | 30.86 | 29.2 | 38.2 | 45.2 | 49.2 | 59.2 | 69.2 | 79.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.86** | **0.89** | **0.90** | **0.91** | **0.93** | **0.95** | **0.97** |
| 1.12 | 17.00 | 19.00 | + | + | 1037 | 73.16 | 777 | 60.84 | 617 | 51.07 | 21.7 | 30.7 | 37.7 | 41.7 | 51.7 | 61.7 | 71.7 |
| 1.12 | 19.00 | 21.20 | + | + | 1038 | 83.83 | 779 | 70.63 | 618 | 59.58 | — | 27.4 | 34.4 | 38.4 | 48.4 | 58.4 | 68.4 |
| 1.12 | 20.00 | 22.40 | + | + | 1035 | 88.70 | 776 | 75.32 | 615 | 63.72 | — | 25.7 | 32.7 | 36.7 | 46.7 | 56.7 | 66.7 |
| 1.13 | 16.00 | 18.00 | + | + | 1030 | 67.55 | 772 | 55.86 | 612 | 46.79 | 23.3 | 32.3 | 39.3 | 43.3 | 53.3 | 63.3 | 73.3 |
| 1.14 | 13.20 | 15.00 | 1537 | 60.48 | 1019 | 50.15 | 764 | 41.04 | 606 | 34.27 | 27.8 | 36.8 | 43.8 | 47.8 | 57.8 | 67.8 | 77.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.91** | **0.93** | **0.95** | **0.96** |
| 1.14 | 14.00 | 16.00 | 1528 | 66.01 | 1013 | 55.36 | 760 | 45.40 | 603 | 37.93 | 26.4 | 35.4 | 42.4 | 46.4 | 56.4 | 66.4 | 76.4 |
| 1.14 | 15.00 | 17.00 | + | + | 1022 | 61.66 | 766 | 50.74 | 608 | 42.44 | 24.8 | 33.9 | 40.9 | 44.9 | 54.9 | 64.9 | 74.9 |
| 1.17 | 21.20 | 24.80 | + | + | 990 | 94.83 | 743 | 81.28 | 589 | 69.00 | — | — | 29.8 | 33.8 | 43.8 | 53.8 | 63.8 |
| 1.18 | 17.00 | 20.00 | + | + | 984 | 73.98 | 738 | 61.45 | 585 | 51.55 | — | 29.9 | 36.9 | 40.9 | 50.9 | 60.9 | 70.9 |
| 1.18 | 18.00 | 21.20 | + | + | 983 | 79.46 | 737 | 66.42 | 585 | 55.85 | — | 28.2 | 35.2 | 39.2 | 49.2 | 59.2 | 69.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.91** | **0.93** | **0.95** | **0.96** |
| 1.18 | 19.00 | 22.40 | + | + | 982 | 84.65 | 737 | 71.25 | 584 | 60.07 | — | 26.4 | 33.4 | 37.4 | 47.5 | 57.5 | 67.5 |
| 1.19 | 16.00 | 19.00 | + | + | 975 | 68.33 | 731 | 56.44 | 580 | 47.25 | 22.5 | 31.5 | 38.5 | 42.5 | 52.5 | 62.5 | 72.5 |
| 1.20 | 12.50 | 15.00 | 1454 | 56.38 | 964 | 46.20 | 723 | 37.72 | 573 | 31.48 | 28.4 | 37.4 | 44.4 | 48.4 | 58.4 | 68.4 | 78.4 |
| 1.20 | 15.00 | 18.00 | + | + | 964 | 62.40 | 723 | 51.30 | 574 | 42.88 | 24.0 | 33.0 | 40.1 | 44.1 | 54.1 | 64.1 | 74.1 |
| 1.21 | 24.80 | 30.00 | + | + | + | + | 718 | 96.57 | 570 | 83.14 | — | — | — | — | 36.9 | 46.9 | 56.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.85** | **0.88** | **0.90** | **0.91** | **0.93** | **0.95** | **0.96** |
| 1.22 | 13.20 | 16.00 | 1440 | 61.91 | 954 | 51.09 | 716 | 41.75 | 568 | 34.84 | 27.0 | 36.0 | 43.0 | 47.0 | 57.0 | 67.1 | 77.1 |
| 1.22 | 14.00 | 17.00 | 1438 | 67.44 | 953 | 56.31 | 715 | 46.11 | 567 | 38.49 | 25.6 | 34.6 | 41.6 | 45.6 | 55.6 | 65.6 | 75.6 |
| 1.24 | 20.00 | 24.80 | + | + | 934 | 90.14 | 700 | 76.40 | 555 | 64.57 | — | — | 30.7 | 34.7 | 44.8 | 54.8 | 64.8 |
| 1.25 | 16.00 | 20.00 | + | + | 926 | 68.92 | 694 | 56.88 | 551 | 47.60 | 21.6 | 30.7 | 37.7 | 41.7 | 51.7 | 61.7 | 71.7 |
| 1.25 | 17.00 | 21.20 | + | + | 928 | 74.68 | 696 | 61.98 | 552 | 51.97 | — | 28.9 | 35.9 | 39.9 | 50.0 | 60.0 | 70.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.85** | **0.88** | **0.90** | **0.91** | **0.93** | **0.95** | **0.96** |
| 1.25 | 18.00 | 22.40 | + | + | 930 | 80.16 | 698 | 66.95 | 553 | 56.26 | — | 27.2 | 34.2 | 38.2 | 48.2 | 58.2 | 68.2 |
| 1.27 | 15.00 | 19.00 | + | + | 913 | 63.04 | 685 | 51.78 | 543 | 43.26 | 23.2 | 32.2 | 39.2 | 43.3 | 53.3 | 63.3 | 73.3 |
| 1.28 | 12.50 | 16.00 | 1362 | 57.46 | 903 | 46.92 | 677 | 38.25 | 537 | 31.91 | 27.6 | 36.6 | 43.6 | 47.6 | 57.6 | 67.6 | 77.6 |
| 1.29 | 13.20 | 17.00 | 1354 | 62.79 | 898 | 51.68 | 673 | 42.19 | 534 | 35.18 | 26.2 | 35.2 | 42.2 | 46.2 | 56.2 | 66.3 | 76.3 |
| 1.29 | 14.00 | 18.00 | 1357 | 68.32 | 899 | 56.89 | 674 | 46.55 | 535 | 38.84 | 24.8 | 33.8 | 40.8 | 44.8 | 54.8 | 64.8 | 74.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.85** | **0.88** | **0.89** | **0.90** | **0.93** | **0.94** | **0.96** |

8V = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 8V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 8V | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 2120 | 2240 | 2360 | 2500 | 2650 | 2800 | 3000 | 3150 | 3350 | 3550 | 3750 | 4000 | 4500 | 5000 | 5600 | | | |
| 86.4 | 92.4 | 98.4 | 105.4 | 112.9 | 120.4 | 130.4 | 137.9 | 147.9 | 157.9 | 167.9 | 180.4 | 205.4 | 230.4 | 260.4 | 12.50 | 12.50 | 1.00 |
| 85.3 | 91.3 | 97.3 | 104.3 | 111.8 | 119.3 | 129.3 | 136.8 | 146.8 | 156.8 | 166.8 | 179.3 | 204.3 | 229.3 | 259.3 | 13.20 | 13.20 | 1.00 |
| 84.0 | 90.0 | 96.0 | 103.0 | 110.5 | 118.0 | 128.0 | 135.5 | 145.5 | 155.5 | 165.5 | 178.0 | 203.0 | 228.0 | 258.0 | 14.00 | 14.00 | 1.00 |
| 82.4 | 88.4 | 94.4 | 101.4 | 108.9 | 116.4 | 126.4 | 133.9 | 143.9 | 153.9 | 163.9 | 176.4 | 201.4 | 226.4 | 256.4 | 15.00 | 15.00 | 1.00 |
| 80.9 | 86.9 | 92.9 | 99.9 | 107.4 | 114.9 | 124.9 | 132.4 | 142.4 | 152.4 | 162.4 | 174.9 | 199.9 | 224.9 | 254.9 | 16.00 | 16.00 | 1.00 |
| **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.12** | | | |
| 79.3 | 85.3 | 91.3 | 98.3 | 105.8 | 113.3 | 123.3 | 130.8 | 140.8 | 150.8 | 160.8 | 173.3 | 198.3 | 223.3 | 253.3 | 17.00 | 17.00 | 1.00 |
| 77.7 | 83.7 | 89.7 | 96.7 | 104.2 | 111.7 | 121.7 | 129.2 | 139.2 | 149.2 | 159.2 | 171.7 | 196.7 | 221.7 | 251.7 | 18.00 | 18.00 | 1.00 |
| 76.2 | 82.2 | 88.2 | 95.2 | 102.7 | 110.2 | 120.2 | 127.7 | 137.7 | 147.7 | 157.7 | 170.2 | 195.2 | 220.2 | 250.2 | 19.00 | 19.00 | 1.00 |
| 74.6 | 80.6 | 86.6 | 93.6 | 101.1 | 108.6 | 118.6 | 126.1 | 136.1 | 146.1 | 156.1 | 168.6 | 193.6 | 218.6 | 248.6 | 20.00 | 20.00 | 1.00 |
| 72.7 | 78.7 | 84.7 | 91.7 | 99.2 | 106.7 | 116.7 | 124.2 | 134.2 | 144.2 | 154.2 | 166.7 | 191.7 | 216.7 | 246.7 | 21.20 | 21.20 | 1.00 |
| **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.12** | | | |
| 70.8 | 76.8 | 82.8 | 89.8 | 97.3 | 104.8 | 114.8 | 122.3 | 132.3 | 142.3 | 152.3 | 164.8 | 189.8 | 214.8 | 244.8 | 22.40 | 22.40 | 1.00 |
| 67.0 | 73.0 | 79.0 | 86.0 | 93.5 | 101.0 | 111.0 | 118.5 | 128.5 | 138.5 | 148.5 | 161.0 | 186.0 | 211.0 | 241.0 | 24.80 | 24.80 | 1.00 |
| 75.4 | 81.4 | 87.4 | 94.4 | 101.9 | 109.4 | 119.4 | 126.9 | 136.9 | 146.9 | 156.9 | 169.4 | 194.4 | 219.4 | 249.4 | 19.00 | 20.00 | 1.05 |
| 85.8 | 91.8 | 97.8 | 104.8 | 112.3 | 119.8 | 129.8 | 137.3 | 147.3 | 157.3 | 167.3 | 179.8 | 204.8 | 229.8 | 259.8 | 12.50 | 13.20 | 1.06 |
| 84.6 | 90.6 | 96.6 | 103.6 | 111.1 | 118.6 | 128.6 | 136.1 | 146.1 | 156.1 | 166.1 | 178.6 | 203.6 | 228.6 | 258.6 | 13.20 | 14.00 | 1.06 |
| **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.12** | | | |
| 80.1 | 86.1 | 92.1 | 99.1 | 106.6 | 114.1 | 124.1 | 131.6 | 141.6 | 151.6 | 161.6 | 174.1 | 199.1 | 224.1 | 254.1 | 16.00 | 17.00 | 1.06 |
| 78.5 | 84.5 | 90.5 | 97.5 | 105.0 | 112.5 | 122.5 | 130.0 | 140.0 | 150.0 | 160.0 | 172.5 | 197.5 | 222.5 | 252.5 | 17.00 | 18.00 | 1.06 |
| 76.9 | 82.9 | 88.9 | 95.9 | 103.4 | 110.9 | 120.9 | 128.4 | 138.4 | 148.4 | 158.4 | 170.9 | 195.9 | 220.9 | 250.9 | 18.00 | 19.00 | 1.06 |
| 73.6 | 79.6 | 85.6 | 92.6 | 100.1 | 107.6 | 117.6 | 125.1 | 135.1 | 145.1 | 155.1 | 167.6 | 192.6 | 217.6 | 247.6 | 20.00 | 21.20 | 1.06 |
| 71.8 | 77.8 | 83.8 | 90.8 | 98.3 | 105.8 | 115.8 | 123.3 | 133.3 | 143.3 | 153.3 | 165.8 | 190.8 | 215.8 | 245.8 | 21.20 | 22.40 | 1.06 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.12** | | | |
| 83.2 | 89.2 | 95.2 | 102.2 | 109.7 | 117.2 | 127.2 | 134.7 | 144.7 | 154.7 | 164.7 | 177.2 | 202.2 | 227.2 | 257.2 | 14.00 | 15.00 | 1.07 |
| 81.7 | 87.7 | 93.7 | 100.7 | 108.2 | 115.7 | 125.7 | 133.2 | 143.2 | 153.2 | 163.2 | 175.7 | 200.7 | 225.7 | 255.7 | 15.00 | 16.00 | 1.07 |
| 76.1 | 82.1 | 88.1 | 95.1 | 102.7 | 110.2 | 120.2 | 127.7 | 137.7 | 147.7 | 157.7 | 170.2 | 195.2 | 220.2 | 250.2 | 18.00 | 20.00 | 1.11 |
| 68.9 | 74.9 | 80.9 | 87.9 | 95.4 | 102.9 | 112.9 | 120.4 | 130.4 | 140.4 | 150.4 | 162.9 | 187.9 | 212.9 | 242.9 | 22.40 | 24.80 | 1.11 |
| 85.2 | 91.2 | 97.2 | 104.2 | 111.7 | 119.2 | 129.2 | 136.7 | 146.7 | 156.7 | 166.7 | 179.2 | 204.2 | 229.2 | 259.2 | 12.50 | 14.00 | 1.12 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.09** | **1.10** | **1.12** | | | |
| 77.7 | 83.7 | 89.7 | 96.7 | 104.2 | 111.7 | 121.7 | 129.2 | 139.2 | 149.2 | 159.2 | 171.7 | 196.7 | 221.7 | 251.7 | 17.00 | 19.00 | 1.12 |
| 74.4 | 80.4 | 86.4 | 93.4 | 100.9 | 108.4 | 118.4 | 125.9 | 135.9 | 145.9 | 155.9 | 168.4 | 193.4 | 218.4 | 248.4 | 19.00 | 21.20 | 1.12 |
| 72.7 | 78.7 | 84.7 | 91.7 | 99.2 | 106.7 | 116.7 | 124.2 | 134.2 | 144.2 | 154.2 | 166.7 | 191.7 | 216.7 | 246.7 | 20.00 | 22.40 | 1.12 |
| 79.3 | 85.3 | 91.3 | 98.3 | 105.8 | 113.3 | 123.3 | 130.8 | 140.8 | 150.8 | 160.8 | 173.3 | 198.3 | 223.3 | 253.3 | 16.00 | 18.00 | 1.13 |
| 83.8 | 89.8 | 95.8 | 102.8 | 110.3 | 117.8 | 127.8 | 135.3 | 145.3 | 155.3 | 165.3 | 177.8 | 202.8 | 227.9 | 257.9 | 13.20 | 15.00 | 1.14 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.12** | | | |
| 82.4 | 88.4 | 94.4 | 101.4 | 108.9 | 116.4 | 126.4 | 133.9 | 143.9 | 153.9 | 163.9 | 176.4 | 201.4 | 226.4 | 256.4 | 14.00 | 16.00 | 1.14 |
| 80.9 | 86.9 | 92.9 | 99.9 | 107.4 | 114.9 | 124.9 | 132.4 | 142.4 | 152.4 | 162.4 | 174.9 | 199.9 | 224.9 | 254.9 | 15.00 | 17.00 | 1.14 |
| 69.8 | 75.9 | 81.9 | 88.9 | 96.4 | 103.9 | 113.9 | 121.4 | 131.4 | 141.4 | 151.4 | 163.9 | 188.9 | 213.9 | 243.9 | 21.20 | 24.80 | 1.17 |
| 76.9 | 82.9 | 88.9 | 95.9 | 103.4 | 110.9 | 120.9 | 128.4 | 138.4 | 148.4 | 158.4 | 170.9 | 195.9 | 220.9 | 250.9 | 17.00 | 20.00 | 1.18 |
| 75.2 | 81.2 | 87.2 | 94.2 | 101.7 | 109.2 | 119.2 | 126.7 | 136.7 | 146.7 | 156.7 | 169.2 | 194.2 | 219.2 | 249.2 | 18.00 | 21.20 | 1.18 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.12** | | | |
| 73.5 | 79.5 | 85.5 | 92.5 | 100.0 | 107.5 | 117.5 | 125.0 | 135.0 | 145.0 | 155.0 | 167.5 | 192.5 | 217.5 | 247.5 | 19.00 | 22.40 | 1.18 |
| 78.5 | 84.5 | 90.5 | 97.5 | 105.0 | 112.5 | 122.5 | 130.0 | 140.0 | 150.0 | 160.0 | 172.5 | 197.5 | 222.5 | 252.5 | 16.00 | 19.00 | 1.19 |
| 84.4 | 90.4 | 96.4 | 103.4 | 110.9 | 118.4 | 128.4 | 135.9 | 145.9 | 155.9 | 165.9 | 178.4 | 203.4 | 228.4 | 258.4 | 12.50 | 15.00 | 1.20 |
| 80.1 | 86.1 | 92.1 | 99.1 | 106.6 | 114.1 | 124.1 | 131.6 | 141.6 | 151.6 | 161.6 | 174.1 | 199.1 | 224.1 | 254.1 | 15.00 | 18.00 | 1.20 |
| 62.9 | 68.9 | 74.9 | 81.9 | 89.4 | 96.9 | 106.9 | 114.4 | 124.4 | 134.4 | 144.4 | 156.9 | 181.9 | 206.9 | 236.9 | 24.80 | 30.00 | 1.21 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.12** | | | |
| 83.1 | 89.1 | 95.1 | 102.1 | 109.6 | 117.1 | 127.1 | 134.6 | 144.6 | 154.6 | 164.6 | 177.1 | 202.1 | 227.1 | 257.1 | 13.20 | 16.00 | 1.22 |
| 81.6 | 87.6 | 93.6 | 100.6 | 108.1 | 115.6 | 125.6 | 133.1 | 143.1 | 153.1 | 163.1 | 175.6 | 200.6 | 225.6 | 255.6 | 14.00 | 17.00 | 1.22 |
| 70.8 | 76.8 | 82.8 | 89.8 | 97.3 | 104.8 | 114.8 | 122.3 | 132.3 | 142.3 | 152.3 | 164.8 | 189.8 | 214.8 | 244.8 | 20.00 | 24.80 | 1.24 |
| 77.7 | 83.7 | 89.7 | 96.7 | 104.2 | 111.7 | 121.7 | 129.2 | 139.2 | 149.2 | 159.2 | 171.7 | 196.7 | 221.7 | 251.7 | 16.00 | 20.00 | 1.25 |
| 76.0 | 82.0 | 88.0 | 95.0 | 102.5 | 110.0 | 120.0 | 127.5 | 137.5 | 147.5 | 157.5 | 170.0 | 195.0 | 220.0 | 250.0 | 17.00 | 21.20 | 1.25 |
| **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.12** | | | |
| 74.2 | 80.2 | 86.2 | 93.2 | 100.7 | 108.2 | 118.2 | 125.8 | 135.8 | 145.8 | 155.8 | 168.3 | 193.3 | 218.3 | 248.3 | 18.00 | 22.40 | 1.25 |
| 79.3 | 85.3 | 91.3 | 98.3 | 105.8 | 113.3 | 123.3 | 130.8 | 140.8 | 150.8 | 160.8 | 173.3 | 198.3 | 223.3 | 253.3 | 15.00 | 19.00 | 1.27 |
| 83.6 | 89.6 | 95.6 | 102.6 | 110.1 | 117.6 | 127.6 | 135.1 | 145.1 | 155.1 | 165.1 | 177.6 | 202.6 | 227.6 | 257.6 | 12.50 | 16.00 | 1.28 |
| 82.3 | 88.3 | 94.3 | 101.3 | 108.8 | 116.3 | 126.3 | 133.8 | 143.8 | 153.8 | 163.8 | 176.3 | 201.3 | 226.3 | 256.3 | 13.20 | 17.00 | 1.29 |
| 80.8 | 86.8 | 92.8 | 99.8 | 107.3 | 114.8 | 124.9 | 132.4 | 142.4 | 152.4 | 162.4 | 174.9 | 199.9 | 224.9 | 254.9 | 14.00 | 18.00 | 1.29 |
| **0.97** | **0.98** | **0.99** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.07** | **1.08** | **1.10** | **1.12** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 8V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | 690 RPM Motriz | | Designación de Largo de Banda 8V | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | 1000 | 1180 | 1320 | 1400 | 1600 | 1800 | 2000 |
| 1.31 | 19.00 | 24.80 | + | + | 887 | 85.80 | 665 | 72.11 | 527 | 60.75 | — | — | 31.5 | 35.5 | 45.5 | 55.5 | 65.5 |
| 1.32 | 17.00 | 22.40 | + | + | 878 | 75.19 | 658 | 62.36 | 522 | 52.27 | — | 27.9 | 35.0 | 39.0 | 49.0 | 59.0 | 69.0 |
| 1.33 | 16.00 | 21.20 | + | + | 873 | 69.49 | 655 | 57.31 | 519 | 47.94 | — | 29.7 | 36.7 | 40.7 | 50.7 | 60.7 | 70.7 |
| 1.34 | 15.00 | 20.00 | + | + | 867 | 63.51 | 650 | 52.13 | 516 | 43.54 | 22.4 | 31.4 | 38.4 | 42.4 | 52.5 | 62.5 | 72.5 |
| 1.34 | 22.40 | 30.00 | + | + | + | + | 648 | 87.58 | 514 | 74.61 | — | — | — | — | 38.7 | 48.7 | 58.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.84** | **0.87** | **0.89** | **0.90** | **0.92** | **0.94** | **0.96** |
| 1.36 | 14.00 | 19.00 | 1285 | 68.97 | 851 | 57.32 | 639 | 46.87 | 506 | 39.10 | 24.0 | 33.0 | 40.0 | 44.0 | 54.0 | 64.0 | 74.0 |
| 1.37 | 12.50 | 17.00 | 1281 | 58.29 | 849 | 47.47 | 637 | 38.67 | 505 | 32.24 | 26.7 | 35.8 | 42.8 | 46.8 | 56.8 | 66.8 | 76.8 |
| 1.37 | 13.20 | 18.00 | 1278 | 63.51 | 847 | 52.16 | 635 | 42.55 | 504 | 35.47 | 25.4 | 34.4 | 41.4 | 45.4 | 55.4 | 65.5 | 75.5 |
| 1.38 | 18.00 | 24.80 | + | + | 839 | 81.01 | 630 | 67.58 | 499 | 56.77 | — | 25.2 | 32.2 | 36.2 | 46.3 | 56.3 | 66.3 |
| 1.41 | 16.00 | 22.40 | + | + | 826 | 69.89 | 619 | 57.62 | 491 | 48.19 | — | 28.7 | 35.7 | 39.7 | 49.7 | 59.8 | 69.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.84** | **0.87** | **0.89** | **0.90** | **0.92** | **0.94** | **0.96** |
| 1.42 | 15.00 | 21.20 | + | + | 818 | 63.90 | 613 | 52.43 | 486 | 43.77 | — | 30.4 | 37.4 | 41.5 | 51.5 | 61.5 | 71.5 |
| 1.42 | 21.20 | 30.00 | + | + | 817 | 96.67 | 613 | 82.66 | 486 | 70.10 | — | — | — | 29.5 | 39.5 | 49.6 | 59.6 |
| 1.43 | 14.00 | 20.00 | 1220 | 69.45 | 808 | 57.64 | 606 | 47.11 | 481 | 39.29 | 23.1 | 32.2 | 39.2 | 43.2 | 53.2 | 63.2 | 73.2 |
| 1.43 | 24.80 | 35.50 | + | + | + | + | 606 | 97.64 | 481 | 83.99 | — | — | — | — | — | 42.3 | 52.4 |
| 1.45 | 12.50 | 18.00 | 1209 | 58.82 | 802 | 47.82 | 601 | 38.93 | 477 | 32.44 | 25.9 | 34.9 | 42.0 | 46.0 | 56.0 | 66.0 | 76.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.84** | **0.87** | **0.89** | **0.90** | **0.92** | **0.94** | **0.96** |
| 1.45 | 13.20 | 19.00 | 1210 | 64.04 | 802 | 52.50 | 602 | 42.81 | 477 | 35.68 | 24.5 | 33.6 | 40.6 | 44.6 | 54.6 | 64.6 | 74.7 |
| 1.46 | 17.00 | 24.80 | + | + | 792 | 75.86 | 594 | 62.86 | 471 | 52.67 | — | 25.9 | 32.9 | 37.0 | 47.0 | 57.0 | 67.1 |
| 1.50 | 15.00 | 22.40 | + | + | 773 | 64.18 | 580 | 52.64 | 460 | 43.94 | — | 29.4 | 36.4 | 40.5 | 50.5 | 60.5 | 70.5 |
| 1.51 | 20.00 | 30.00 | + | + | 771 | 91.56 | 578 | 77.47 | 458 | 65.42 | — | — | — | 30.3 | 40.4 | 50.5 | 60.5 |
| 1.52 | 13.20 | 20.00 | 1149 | 64.38 | 762 | 52.73 | 571 | 42.98 | 453 | 35.81 | 23.7 | 32.7 | 39.8 | 43.8 | 53.8 | 63.8 | 73.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.84** | **0.87** | **0.89** | **0.90** | **0.92** | **0.94** | **0.96** |
| 1.52 | 14.00 | 21.20 | 1150 | 69.91 | 762 | 57.95 | 572 | 47.34 | 453 | 39.47 | 22.1 | 31.1 | 38.2 | 42.2 | 52.2 | 62.3 | 72.3 |
| 1.53 | 12.50 | 19.00 | 1145 | 59.20 | 759 | 48.07 | 569 | 39.12 | 451 | 32.59 | 25.0 | 34.1 | 41.1 | 45.1 | 55.2 | 65.2 | 75.2 |
| 1.56 | 16.00 | 24.80 | + | + | 745 | 70.39 | 559 | 57.99 | 443 | 43.48 | — | 26.6 | 33.7 | 37.7 | 47.8 | 57.8 | 67.8 |
| 1.59 | 19.00 | 30.00 | + | + | 732 | 86.89 | 549 | 72.93 | 435 | 61.40 | — | — | — | 31.0 | 41.1 | 51.2 | 61.3 |
| 1.59 | 22.40 | 35.50 | + | + | + | + | 547 | 88.27 | 434 | 75.15 | — | — | — | — | 33.9 | 44.0 | 54.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.88** | **0.89** | **0.92** | **0.94** | **0.95** |
| 1.61 | 12.50 | 20.00 | 1087 | 59.49 | 721 | 48.26 | 540 | 39.26 | 429 | 32.71 | 24.2 | 33.3 | 40.3 | 44.3 | 54.3 | 64.4 | 74.4 |
| 1.61 | 14.00 | 22.40 | 1088 | 70.24 | 721 | 58.17 | 541 | 47.50 | 429 | 39.60 | — | 30.1 | 37.2 | 41.2 | 51.2 | 61.3 | 71.3 |
| 1.62 | 13.20 | 21.20 | 1083 | 64.74 | 718 | 52.97 | 539 | 43.16 | 427 | 35.95 | 22.6 | 31.7 | 38.8 | 42.8 | 52.8 | 62.9 | 72.9 |
| 1.62 | 24.80 | 40.00 | + | + | + | + | 538 | 98.05 | 426 | 84.32 | — | — | — | — | — | 38.4 | 48.5 |
| 1.66 | 15.00 | 24.80 | + | + | 698 | 64.56 | 523 | 52.92 | 415 | 44.16 | — | 27.3 | 34.4 | 38.4 | 48.5 | 58.5 | 68.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.83** | **0.86** | **0.88** | **0.89** | **0.92** | **0.94** | **0.95** |
| 1.67 | 18.00 | 30.00 | + | + | 693 | 81.86 | 520 | 68.22 | 412 | 57.27 | — | — | 27.7 | 31.7 | 41.9 | 52.0 | 62.0 |
| 1.68 | 21.20 | 35.50 | + | + | 690 | 97.36 | 518 | 83.18 | 410 | 70.51 | — | — | — | — | 34.7 | 44.9 | 55.0 |
| 1.71 | 12.50 | 21.20 | 1025 | 59.75 | 679 | 48.44 | 510 | 39.40 | 404 | 32.81 | 23.1 | 32.2 | 39.3 | 43.3 | 53.4 | 63.4 | 73.4 |
| 1.71 | 13.20 | 22.40 | 1025 | 64.98 | 679 | 53.13 | 509 | 43.27 | 404 | 36.05 | 21.5 | 30.7 | 37.8 | 41.8 | 51.8 | 61.9 | 71.9 |
| 1.77 | 17.00 | 30.00 | + | + | 654 | 76.52 | 490 | 63.36 | 389 | 53.07 | — | — | 28.3 | 32.4 | 42.6 | 52.7 | 62.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.82** | **0.86** | **0.88** | **0.89** | **0.91** | **0.93** | **0.95** |
| 1.78 | 14.00 | 24.80 | 982 | 70.65 | 651 | 58.44 | 488 | 47.71 | 387 | 39.76 | — | 28.0 | 35.1 | 39.2 | 49.2 | 59.3 | 69.3 |
| 1.78 | 20.00 | 35.50 | + | + | 651 | 92.08 | 488 | 77.86 | 387 | 65.73 | — | — | — | — | 35.6 | 45.8 | 55.9 |
| 1.79 | 22.40 | 40.00 | + | + | + | + | 485 | 88.51 | 385 | 75.35 | — | — | — | — | — | 40.0 | 50.2 |
| 1.80 | 12.50 | 22.40 | 970 | 59.93 | 643 | 48.56 | 482 | 39.48 | 382 | 32.88 | 22.0 | 31.2 | 38.3 | 42.3 | 52.4 | 62.4 | 72.4 |
| 1.80 | 24.80 | 44.50 | + | + | + | + | 483 | 98.26 | 383 | 84.48 | — | — | — | — | — | — | 44.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.81** | **0.85** | **0.87** | **0.89** | **0.91** | **0.93** | **0.95** |
| 1.88 | 19.00 | 35.50 | + | + | 618 | 87.31 | 463 | 73.25 | 367 | 61.65 | — | — | — | — | 36.3 | 46.5 | 56.6 |
| 1.89 | 13.20 | 24.80 | 925 | 65.29 | 613 | 53.34 | 460 | 43.43 | 365 | 36.17 | — | 28.6 | 35.7 | 39.7 | 49.8 | 59.9 | 69.9 |
| 1.89 | 16.00 | 30.00 | + | + | 615 | 70.89 | 461 | 58.36 | 366 | 48.78 | — | — | 29.0 | 33.1 | 43.3 | 53.4 | 63.5 |
| 1.90 | 21.20 | 40.00 | + | + | 612 | 97.63 | 459 | 83.38 | 364 | 70.67 | — | — | — | — | — | 40.9 | 51.1 |
| 1.98 | 18.00 | 35.50 | + | + | 585 | 82.21 | 439 | 68.48 | 348 | 57.48 | — | — | — | — | 36.9 | 47.2 | 57.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.84** | **0.87** | **0.88** | **0.91** | **0.93** | **0.95** |
| 2.00 | 12.50 | 24.80 | 875 | 60.20 | 580 | 48.74 | 435 | 39.62 | 345 | 32.99 | — | 29.1 | 36.2 | 40.2 | 50.3 | 60.4 | 70.4 |
| 2.00 | 22.40 | 44.50 | + | + | + | + | 436 | 88.66 | 346 | 75.46 | — | — | — | — | — | — | 46.1 |
| 2.01 | 15.00 | 30.00 | + | + | 576 | 64.94 | 432 | 53.21 | 343 | 44.39 | — | — | 29.7 | 33.8 | 44.0 | 54.1 | 64.2 |
| 2.01 | 20.00 | 40.00 | + | + | 577 | 92.29 | 433 | 78.01 | 343 | 65.85 | — | — | — | — | — | 41.7 | 51.9 |
| 2.10 | 17.00 | 35.50 | + | + | 552 | 76.80 | 414 | 63.57 | 328 | 53.23 | — | — | — | — | 37.6 | 47.9 | 58.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.84** | **0.86** | **0.88** | **0.90** | **0.93** | **0.94** |

8V = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 8V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 8V | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 2120 | 2240 | 2360 | 2500 | 2650 | 2800 | 3000 | 3150 | 3350 | 3550 | 3750 | 4000 | 4500 | 5000 | 5600 | | | |
| 71.5 | 77.5 | 83.5 | 90.6 | 98.1 | 105.6 | 115.6 | 123.1 | 133.1 | 143.1 | 153.1 | 165.6 | 190.6 | 215.6 | 245.6 | 19.00 | 24.80 | 1.31 |
| 75.0 | 81.0 | 87.0 | 94.0 | 101.5 | 109.0 | 119.0 | 126.5 | 136.5 | 146.5 | 156.5 | 169.0 | 194.0 | 219.0 | 249.0 | 17.00 | 22.40 | 1.32 |
| 76.7 | 82.7 | 88.7 | 95.7 | 103.3 | 110.8 | 120.8 | 128.3 | 138.3 | 148.3 | 158.3 | 170.8 | 195.8 | 220.8 | 250.8 | 16.00 | 21.20 | 1.33 |
| 78.5 | 84.5 | 90.5 | 97.5 | 105.0 | 112.5 | 122.5 | 130.0 | 140.0 | 150.0 | 160.0 | 172.5 | 197.5 | 222.5 | 252.5 | 15.00 | 20.00 | 1.34 |
| 64.7 | 70.7 | 76.8 | 83.8 | 91.3 | 98.8 | 108.8 | 116.3 | 126.3 | 136.3 | 146.3 | 158.8 | 183.8 | 208.8 | 238.8 | 22.40 | 30.00 | 1.34 |
| **0.97** | **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 80.0 | 86.0 | 92.0 | 99.1 | 106.6 | 114.1 | 124.1 | 131.6 | 141.6 | 151.6 | 161.6 | 174.1 | 199.1 | 224.1 | 254.1 | 14.00 | 19.00 | 1.36 |
| 82.8 | 88.8 | 94.8 | 101.8 | 109.3 | 116.8 | 126.8 | 134.3 | 144.3 | 154.3 | 164.3 | 176.8 | 201.8 | 226.8 | 256.8 | 12.50 | 17.00 | 1.37 |
| 81.5 | 87.5 | 93.5 | 100.5 | 108.0 | 115.5 | 125.5 | 133.0 | 143.0 | 153.0 | 163.0 | 175.5 | 200.5 | 225.5 | 255.5 | 13.20 | 18.00 | 1.37 |
| 72.3 | 78.3 | 84.3 | 91.3 | 98.8 | 106.3 | 116.3 | 123.8 | 133.8 | 143.8 | 153.8 | 166.4 | 191.4 | 216.4 | 246.4 | 18.00 | 24.80 | 1.38 |
| 75.8 | 81.8 | 87.8 | 94.8 | 102.3 | 109.8 | 119.8 | 127.3 | 137.3 | 147.3 | 157.3 | 169.8 | 194.8 | 219.8 | 249.8 | 16.00 | 22.40 | 1.41 |
| **0.97** | **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 77.5 | 83.5 | 89.5 | 96.5 | 104.0 | 111.5 | 121.5 | 129.0 | 139.0 | 149.0 | 159.0 | 171.5 | 196.5 | 221.5 | 251.5 | 15.00 | 21.20 | 1.42 |
| 65.6 | 71.7 | 77.7 | 84.7 | 92.2 | 99.7 | 109.7 | 117.2 | 127.2 | 137.2 | 147.2 | 159.7 | 184.7 | 209.7 | 239.7 | 21.20 | 30.00 | 1.42 |
| 79.2 | 85.2 | 91.2 | 98.3 | 105.8 | 113.3 | 123.3 | 130.8 | 140.8 | 150.8 | 160.8 | 173.3 | 198.3 | 223.3 | 253.3 | 14.00 | 20.00 | 1.43 |
| 58.4 | 64.4 | 70.4 | 77.5 | 85.0 | 92.5 | 102.5 | 110.0 | 120.0 | 130.0 | 140.0 | 152.5 | 177.6 | 202.6 | 232.6 | 24.80 | 35.50 | 1.43 |
| 82.0 | 88.0 | 94.0 | 101.0 | 108.5 | 116.0 | 126.0 | 133.5 | 143.5 | 153.5 | 163.5 | 176.0 | 201.0 | 226.0 | 256.0 | 12.50 | 18.00 | 1.45 |
| **0.97** | **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 80.7 | 86.7 | 92.7 | 99.7 | 107.2 | 114.7 | 124.7 | 132.2 | 142.2 | 152.2 | 162.2 | 174.7 | 199.7 | 224.7 | 254.7 | 13.20 | 19.00 | 1.45 |
| 73.1 | 79.1 | 85.1 | 92.1 | 99.6 | 107.1 | 117.1 | 124.6 | 134.6 | 144.6 | 154.6 | 167.1 | 192.1 | 217.1 | 247.1 | 17.00 | 24.80 | 1.46 |
| 76.5 | 82.5 | 88.5 | 95.6 | 103.1 | 110.6 | 120.6 | 128.1 | 138.1 | 148.1 | 158.1 | 170.6 | 195.6 | 220.6 | 250.6 | 15.00 | 22.40 | 1.50 |
| 66.5 | 72.6 | 78.6 | 85.6 | 93.1 | 100.6 | 110.6 | 118.1 | 128.1 | 138.1 | 148.1 | 160.7 | 185.7 | 210.7 | 240.7 | 20.00 | 30.00 | 1.51 |
| 79.9 | 85.9 | 91.9 | 98.9 | 106.4 | 113.9 | 123.9 | 131.4 | 141.4 | 151.4 | 161.4 | 173.9 | 198.9 | 223.9 | 253.9 | 13.20 | 20.00 | 1.52 |
| **0.97** | **0.98** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 78.3 | 84.3 | 90.3 | 97.3 | 104.8 | 112.3 | 122.3 | 129.8 | 139.8 | 149.8 | 159.8 | 172.3 | 197.3 | 222.3 | 252.3 | 14.00 | 21.20 | 1.52 |
| 81.2 | 87.2 | 93.2 | 100.2 | 107.7 | 115.2 | 125.2 | 132.7 | 142.7 | 152.7 | 162.7 | 175.2 | 200.2 | 225.2 | 255.2 | 12.50 | 19.00 | 1.53 |
| 73.8 | 79.8 | 85.8 | 92.9 | 100.4 | 107.9 | 117.9 | 125.4 | 135.4 | 145.4 | 155.4 | 167.9 | 192.9 | 217.9 | 247.9 | 16.00 | 24.80 | 1.56 |
| 67.3 | 73.3 | 79.3 | 86.3 | 93.9 | 101.4 | 111.4 | 118.9 | 128.9 | 138.9 | 148.9 | 161.4 | 186.4 | 211.4 | 241.5 | 19.00 | 30.00 | 1.59 |
| 60.2 | 66.2 | 72.2 | 79.3 | 86.8 | 94.3 | 104.3 | 111.8 | 121.8 | 131.9 | 141.9 | 154.4 | 179.4 | 204.4 | 234.4 | 22.40 | 35.50 | 1.59 |
| **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.04** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 80.4 | 86.4 | 92.4 | 99.4 | 106.9 | 114.4 | 124.4 | 131.9 | 141.9 | 151.9 | 161.9 | 174.4 | 199.4 | 224.4 | 254.4 | 12.50 | 20.00 | 1.61 |
| 77.3 | 83.3 | 89.3 | 96.3 | 103.8 | 111.3 | 121.3 | 128.8 | 138.8 | 148.9 | 158.9 | 171.4 | 196.4 | 221.4 | 251.4 | 14.00 | 22.40 | 1.61 |
| 78.9 | 84.9 | 90.9 | 97.9 | 105.4 | 112.9 | 122.9 | 130.4 | 140.4 | 150.4 | 160.4 | 172.9 | 197.9 | 222.9 | 253.0 | 13.20 | 21.20 | 1.62 |
| 54.6 | 60.6 | 66.7 | 73.7 | 81.3 | 88.8 | 98.8 | 106.3 | 116.4 | 126.4 | 136.4 | 148.9 | 173.9 | 199.0 | 229.0 | 24.80 | 40.00 | 1.62 |
| 74.6 | 80.6 | 86.6 | 93.6 | 101.1 | 108.6 | 118.6 | 126.1 | 136.2 | 146.2 | 156.2 | 168.7 | 193.7 | 218.7 | 248.7 | 15.00 | 24.80 | 1.66 |
| **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.04** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 68.0 | 74.1 | 80.1 | 87.1 | 94.6 | 102.1 | 112.1 | 119.7 | 129.7 | 139.7 | 149.7 | 162.2 | 187.2 | 212.2 | 242.2 | 18.00 | 30.00 | 1.67 |
| 61.0 | 67.1 | 73.1 | 80.1 | 87.7 | 95.2 | 105.2 | 112.7 | 122.8 | 132.8 | 142.8 | 155.3 | 180.3 | 205.3 | 235.4 | 21.20 | 35.50 | 1.68 |
| 79.4 | 85.4 | 91.4 | 98.4 | 105.9 | 113.4 | 123.5 | 131.0 | 141.0 | 151.0 | 161.0 | 173.5 | 198.5 | 223.5 | 253.5 | 12.50 | 21.20 | 1.71 |
| 77.9 | 83.9 | 89.9 | 96.9 | 104.4 | 111.9 | 122.0 | 129.5 | 139.5 | 149.5 | 159.5 | 172.0 | 197.0 | 222.0 | 252.0 | 13.20 | 22.40 | 1.71 |
| 68.8 | 74.8 | 80.8 | 87.8 | 95.4 | 102.9 | 112.9 | 120.4 | 130.4 | 140.4 | 150.4 | 163.0 | 188.0 | 213.0 | 243.0 | 17.00 | 30.00 | 1.77 |
| **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | | | |
| 75.3 | 81.3 | 87.4 | 94.4 | 101.9 | 109.4 | 119.4 | 126.9 | 136.9 | 146.9 | 156.9 | 169.4 | 194.5 | 219.5 | 249.5 | 14.00 | 24.80 | 1.78 |
| 61.9 | 68.0 | 74.0 | 81.0 | 88.6 | 96.1 | 106.1 | 113.6 | 123.7 | 133.7 | 143.7 | 156.2 | 181.2 | 206.3 | 236.3 | 20.00 | 35.50 | 1.78 |
| 56.3 | 62.4 | 68.4 | 75.5 | 83.0 | 90.6 | 100.6 | 108.1 | 118.2 | 128.2 | 138.2 | 150.7 | 175.8 | 200.8 | 230.8 | 22.40 | 40.00 | 1.79 |
| 78.4 | 84.4 | 90.5 | 97.5 | 105.0 | 112.5 | 122.5 | 130.0 | 140.0 | 150.0 | 160.0 | 172.5 | 197.5 | 222.5 | 252.5 | 12.50 | 22.40 | 1.80 |
| 50.6 | 56.7 | 62.8 | 69.9 | 77.4 | 85.0 | 95.1 | 102.6 | 112.6 | 122.7 | 132.7 | 145.2 | 170.3 | 195.3 | 225.4 | 24.80 | 44.50 | 1.80 |
| **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.00** | **1.02** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.11** | | | |
| 62.7 | 68.7 | 74.7 | 81.8 | 89.3 | 96.8 | 106.9 | 114.4 | 124.4 | 134.4 | 144.5 | 157.0 | 182.0 | 207.0 | 237.1 | 19.00 | 35.50 | 1.88 |
| 75.9 | 81.9 | 88.0 | 95.0 | 102.5 | 110.0 | 120.0 | 127.5 | 137.5 | 147.5 | 157.5 | 170.1 | 195.1 | 220.1 | 250.1 | 13.20 | 24.80 | 1.89 |
| 69.5 | 75.5 | 81.6 | 88.6 | 96.1 | 103.6 | 113.7 | 121.2 | 131.2 | 141.2 | 151.2 | 163.7 | 188.7 | 213.8 | 243.8 | 16.00 | 30.00 | 1.89 |
| 57.2 | 63.2 | 69.3 | 76.4 | 83.9 | 91.5 | 101.5 | 109.0 | 119.1 | 129.1 | 139.1 | 151.6 | 176.7 | 201.7 | 231.7 | 21.20 | 40.00 | 1.90 |
| 63.4 | 69.4 | 75.5 | 82.5 | 90.1 | 97.6 | 107.6 | 115.1 | 125.2 | 135.2 | 145.2 | 157.7 | 182.8 | 207.8 | 237.8 | 18.00 | 35.50 | 1.98 |
| **0.96** | **0.97** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.11** | | | |
| 76.5 | 82.5 | 88.5 | 95.5 | 103.0 | 110.5 | 120.5 | 128.1 | 138.1 | 148.1 | 158.1 | 170.6 | 195.6 | 220.6 | 250.6 | 12.50 | 24.80 | 2.00 |
| 52.3 | 58.4 | 64.5 | 71.6 | 79.2 | 86.8 | 96.8 | 104.4 | 114.4 | 124.5 | 134.5 | 147.0 | 172.1 | 197.1 | 227.2 | 22.40 | 44.50 | 2.00 |
| 70.3 | 76.3 | 82.3 | 89.3 | 96.9 | 104.4 | 114.4 | 121.9 | 131.9 | 142.0 | 152.0 | 164.5 | 189.5 | 214.5 | 244.5 | 15.00 | 30.00 | 2.01 |
| 58.0 | 64.1 | 70.2 | 77.2 | 84.8 | 92.3 | 102.4 | 109.9 | 120.0 | 130.0 | 140.0 | 152.5 | 177.6 | 202.6 | 232.7 | 20.00 | 40.00 | 2.01 |
| 64.1 | 70.2 | 76.2 | 83.3 | 90.8 | 89.3 | 108.4 | 115.9 | 125.9 | 136.0 | 146.0 | 158.5 | 183.5 | 208.6 | 238.6 | 17.00 | 35.50 | 2.10 |
| **0.96** | **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.06** | **1.08** | **1.09** | **1.11** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 8V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | 690 RPM Motriz | | Designación de Largo de Banda 8V | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | 1000 | 1180 | 1320 | 1400 | 1600 | 1800 | 2000 |
| 2.11 | 21.20 | 44.50 | + | + | 550 | 97.77 | 412 | 83.49 | 327 | 70.75 | — | — | — | — | — | 36.5 | 47.0 |
| 2.12 | 19.00 | 40.00 | + | + | 548 | 87.48 | 411 | 73.37 | 326 | 61.75 | — | — | — | — | — | 42.4 | 52.6 |
| 2.15 | 24.80 | 53.00 | + | + | + | + | 405 | 98.46 | 321 | 84.64 | — | — | — | — | — | — | — |
| 2.16 | 14.00 | 30.00 | 810 | 71.09 | 537 | 58.73 | 403 | 47.93 | 320 | 39.93 | — | — | 30.4 | 34.5 | 44.7 | 54.9 | 64.9 |
| 2.23 | 16.00 | 35.50 | + | + | 519 | 71.10 | 389 | 58.52 | 309 | 48.90 | — | — | — | — | 38.3 | 48.6 | 58.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.24 | 18.00 | 40.00 | + | + | 519 | 82.35 | 389 | 68.58 | 309 | 57.56 | — | — | — | — | — | 43.0 | 53.3 |
| 2.24 | 20.00 | 44.50 | + | + | 518 | 92.41 | 389 | 78.10 | 308 | 65.93 | — | — | — | — | — | 37.3 | 47.8 |
| 2.29 | 13.20 | 30.00 | 763 | 65.64 | 506 | 53.57 | 380 | 43.61 | 301 | 36.31 | — | — | 30.9 | 35.1 | 45.3 | 55.4 | 65.5 |
| 2.36 | 19.00 | 44.50 | + | + | 492 | 87.58 | 369 | 73.45 | 293 | 61.81 | — | — | — | — | — | 38.0 | 48.4 |
| 2.37 | 17.00 | 40.00 | + | + | 490 | 76.91 | 367 | 63.65 | 291 | 53.30 | — | — | — | — | 33.2 | 43.7 | 54.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.38 | 22.40 | 53.00 | + | + | + | + | 365 | 88.79 | 290 | 75.57 | — | — | — | — | — | — | — |
| 2.39 | 15.00 | 35.50 | + | + | 486 | 65.11 | 365 | 53.34 | 289 | 44.49 | — | — | — | — | 39.0 | 49.3 | 59.5 |
| 2.42 | 12.50 | 30.00 | 722 | 60.49 | 479 | 48.92 | 359 | 39.76 | 285 | 33.10 | — | — | 31.4 | 35.5 | 45.8 | 55.9 | 66.0 |
| 2.49 | 18.00 | 44.50 | + | + | 466 | 82.43 | 350 | 68.64 | 277 | 57.61 | — | — | — | — | — | 38.6 | 49.1 |
| 2.51 | 21.20 | 53.00 | + | + | 461 | 97.92 | 346 | 83.60 | 274 | 70.84 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.52 | 16.00 | 40.00 | + | + | 461 | 71.19 | 345 | 58.59 | 274 | 48.95 | — | — | — | — | 33.9 | 44.4 | 54.7 |
| 2.55 | 24.80 | 63.00 | + | + | + | + | 341 | 98.56 | 270 | 84.72 | — | — | — | — | — | — | — |
| 2.56 | 14.00 | 35.50 | 684 | 71.29 | 453 | 58.86 | 340 | 48.02 | 270 | 40.01 | — | — | — | 29.1 | 39.7 | 50.0 | 60.2 |
| 2.64 | 17.00 | 44.50 | + | + | 440 | 76.98 | 330 | 63.70 | 262 | 53.34 | — | — | — | — | — | 39.3 | 49.8 |
| 2.67 | 20.00 | 53.00 | + | + | 435 | 92.53 | 326 | 78.19 | 259 | 66.00 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.69 | 15.00 | 40.00 | + | + | 431 | 65.18 | 324 | 53.39 | 257 | 44.54 | — | — | — | — | 34.5 | 45.1 | 55.4 |
| 2.72 | 13.20 | 35.50 | 644 | 65.81 | 427 | 53.68 | 320 | 43.69 | 254 | 36.37 | — | — | — | 29.7 | 40.2 | 50.5 | 60.7 |
| 2.80 | 16.00 | 44.50 | + | + | 414 | 71.24 | 310 | 58.63 | 246 | 48.99 | — | — | — | — | — | 39.9 | 50.5 |
| 2.81 | 19.00 | 53.00 | + | + | 413 | 87.68 | 310 | 73.52 | 246 | 61.87 | — | — | — | — | — | — | 39.8 |
| 2.83 | 22.40 | 63.00 | + | + | + | + | 308 | 88.86 | 244 | 75.62 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.87 | 12.50 | 35.50 | 610 | 60.62 | 404 | 49.01 | 303 | 39.83 | 240 | 33.15 | — | — | — | 30.1 | 40.7 | 51.0 | 61.2 |
| 2.88 | 14.00 | 40.00 | 607 | 71.37 | 402 | 58.92 | 302 | 48.07 | 239 | 40.05 | — | — | — | — | 35.2 | 45.7 | 56.1 |
| 2.88 | 24.80 | 71.00 | + | + | + | + | 302 | 98.60 | 240 | 84.75 | — | — | — | — | — | — | — |
| 2.97 | 18.00 | 53.00 | + | + | 391 | 82.51 | 293 | 68.71 | 233 | 57.66 | — | — | — | — | — | — | 40.5 |
| 2.99 | 15.00 | 44.50 | + | + | 388 | 65.23 | 291 | 53.42 | 231 | 44.56 | — | — | — | — | — | 40.6 | 51.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 2.99 | 21.20 | 63.00 | + | + | 388 | 98.00 | 291 | 83.66 | 231 | 70.89 | — | — | — | — | — | — | — |
| 3.06 | 13.20 | 40.00 | 572 | 65.88 | 379 | 53.72 | 284 | 43.72 | 225 | 36.40 | — | — | — | — | 35.7 | 46.3 | 56.6 |
| 3.14 | 17.00 | 53.00 | + | + | 369 | 77.05 | 277 | 63.75 | 220 | 53.38 | — | — | — | — | — | — | 41.1 |
| 3.17 | 20.00 | 63.00 | + | + | 366 | 92.59 | 274 | 78.24 | 218 | 66.03 | — | — | — | — | — | — | — |
| 3.19 | 22.40 | 71.00 | + | + | + | + | 273 | 88.89 | 216 | 75.65 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 3.21 | 14.00 | 44.50 | 545 | 71.43 | 361 | 58.95 | 271 | 48.09 | 215 | 40.07 | — | — | — | — | — | 41.2 | 51.8 |
| 3.24 | 12.50 | 40.00 | 541 | 60.68 | 358 | 49.05 | 269 | 39.86 | 213 | 33.18 | — | — | — | — | 36.2 | 46.7 | 57.1 |
| 3.34 | 16.00 | 53.00 | + | + | 347 | 71.30 | 260 | 58.67 | 206 | 49.02 | — | — | — | — | — | — | 41.7 |
| 3.34 | 19.00 | 63.00 | + | + | 347 | 87.73 | 260 | 73.56 | 207 | 61.90 | — | — | — | — | — | — | — |
| 3.37 | 21.20 | 71.00 | + | + | 344 | 98.04 | 258 | 83.69 | 205 | 70.91 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 3.41 | 13.20 | 44.50 | 514 | 65.92 | 340 | 53.76 | 255 | 43.74 | 202 | 36.42 | — | — | — | — | — | 41.7 | 52.3 |
| 3.53 | 18.00 | 63.00 | + | + | 329 | 82.56 | 247 | 68.74 | 196 | 57.69 | — | — | — | — | — | — | — |
| 3.57 | 15.00 | 53.00 | + | + | 325 | 65.28 | 244 | 53.46 | 193 | 44.59 | — | — | — | — | — | — | 42.3 |
| 3.58 | 20.00 | 71.00 | + | + | 324 | 92.63 | 243 | 78.26 | 193 | 66.05 | — | — | — | — | — | — | — |
| 3.60 | 12.50 | 44.50 | 486 | 60.72 | 322 | 49.08 | 242 | 39.88 | 192 | 33.19 | — | — | — | — | — | 42.2 | 52.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |

8V = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 8V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 8V | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 2120 | 2240 | 2360 | 2500 | 2650 | 2800 | 3000 | 3150 | 3350 | 3550 | 3750 | 4000 | 4500 | 5000 | 5600 | | | |
| 53.1 | 59.3 | 65.4 | 72.5 | 80.1 | 87.6 | 97.7 | 105.3 | 115.3 | 125.4 | 135.4 | 147.9 | 173.0 | 198.1 | 228.1 | 21.20 | 44.50 | 2.11 |
| 58.7 | 64.8 | 70.9 | 78.0 | 85.5 | 93.1 | 103.1 | 110.7 | 120.7 | 130.7 | 140.8 | 153.3 | 178.4 | 203.4 | 233.4 | 19.00 | 40.00 | 2.12 |
| 42.6 | 48.9 | 55.1 | 62.3 | 70.0 | 77.6 | 87.8 | 95.4 | 105.5 | 115.5 | 125.6 | 138.2 | 163.3 | 188.4 | 218.4 | 24.80 | 53.00 | 2.15 |
| 71.0 | 77.0 | 83.1 | 90.1 | 97.6 | 105.1 | 115.2 | 122.7 | 132.7 | 142.7 | 152.7 | 165.2 | 190.3 | 215.3 | 245.3 | 14.00 | 30.00 | 2.16 |
| 64.8 | 70.9 | 76.9 | 84.0 | 91.5 | 99.1 | 109.1 | 116.6 | 126.7 | 136.7 | 146.7 | 159.3 | 184.3 | 209.3 | 239.4 | 16.00 | 35.50 | 2.23 |
| **0.95** | **0.96** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | | | |
| 59.4 | 65.5 | 71.6 | 78.7 | 86.2 | 93.8 | 103.9 | 111.4 | 121.4 | 131.5 | 141.5 | 154.1 | 179.1 | 204.2 | 234.2 | 18.00 | 40.00 | 2.24 |
| 54.0 | 60.1 | 66.2 | 73.3 | 80.9 | 88.5 | 98.6 | 106.1 | 116.2 | 126.2 | 136.3 | 148.8 | 173.9 | 199.0 | 229.0 | 20.00 | 44.50 | 2.24 |
| 71.6 | 77.6 | 83.6 | 90.7 | 98.2 | 105.7 | 115.8 | 123.3 | 133.3 | 143.3 | 153.3 | 165.9 | 190.9 | 215.9 | 245.9 | 13.20 | 30.00 | 2.29 |
| 54.6 | 60.8 | 66.9 | 74.0 | 81.6 | 89.2 | 99.3 | 106.9 | 116.9 | 127.0 | 137.0 | 149.6 | 174.7 | 199.7 | 229.8 | 19.00 | 44.50 | 2.36 |
| 60.1 | 66.2 | 72.3 | 79.4 | 87.0 | 94.5 | 104.6 | 112.1 | 122.2 | 132.2 | 142.3 | 154.8 | 179.9 | 204.9 | 235.0 | 17.00 | 40.00 | 2.37 |
| **0.94** | **0.96** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | | | |
| 44.1 | 50.5 | 56.7 | 64.0 | 71.6 | 79.3 | 89.5 | 97.1 | 107.2 | 117.3 | 127.4 | 139.9 | 165.1 | 190.2 | 220.2 | 22.40 | 53.00 | 2.38 |
| 65.5 | 71.6 | 77.7 | 84.7 | 92.3 | 99.8 | 109.9 | 117.4 | 127.4 | 137.5 | 147.5 | 160.0 | 185.1 | 210.1 | 240.1 | 15.00 | 35.50 | 2.39 |
| 72.1 | 78.1 | 84.2 | 91.2 | 98.7 | 106.3 | 116.3 | 123.8 | 133.8 | 143.9 | 153.9 | 166.4 | 191.4 | 216.4 | 246.5 | 12.50 | 30.00 | 2.42 |
| 55.3 | 61.5 | 67.6 | 74.7 | 82.3 | 89.9 | 100.0 | 107.6 | 117.7 | 127.7 | 137.8 | 150.3 | 175.4 | 200.5 | 230.5 | 18.00 | 44.50 | 2.49 |
| 44.9 | 51.3 | 57.5 | 64.8 | 72.5 | 80.1 | 90.3 | 97.9 | 108.1 | 118.2 | 128.2 | 140.8 | 166.0 | 191.1 | 221.2 | 21.20 | 53.00 | 2.51 |
| **0.94** | **0.95** | **0.96** | **0.97** | **0.98** | **0.99** | **1.01** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | | | |
| 60.8 | 66.9 | 73.0 | 80.1 | 87.7 | 95.3 | 105.3 | 112.9 | 122.9 | 133.0 | 143.0 | 155.6 | 180.6 | 205.7 | 235.7 | 16.00 | 40.00 | 2.52 |
| — | — | — | 52.6 | 60.5 | 68.4 | 78.7 | 86.4 | 96.7 | 106.8 | 117.0 | 129.6 | 154.9 | 180.0 | 210.2 | 24.80 | 63.00 | 2.55 |
| 66.3 | 72.3 | 78.4 | 85.4 | 93.0 | 100.5 | 110.6 | 118.1 | 128.2 | 138.2 | 148.2 | 160.8 | 185.8 | 210.8 | 240.9 | 14.00 | 35.50 | 2.56 |
| 56.0 | 62.2 | 68.3 | 75.4 | 83.1 | 90.7 | 100.8 | 108.3 | 118.4 | 128.5 | 138.5 | 151.1 | 176.2 | 201.2 | 231.3 | 17.00 | 44.50 | 2.64 |
| 45.7 | 52.1 | 58.3 | 65.6 | 73.3 | 81.0 | 91.2 | 98.8 | 108.9 | 119.0 | 129.1 | 141.7 | 166.9 | 192.0 | 222.1 | 20.00 | 53.00 | 2.67 |
| **0.93** | **0.94** | **0.95** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.09** | **1.10** | | | |
| 61.5 | 67.6 | 73.7 | 80.8 | 88.4 | 96.0 | 106.1 | 113.6 | 123.7 | 133.7 | 143.8 | 156.3 | 181.4 | 206.4 | 236.5 | 15.00 | 40.00 | 2.69 |
| 66.8 | 72.9 | 79.0 | 86.0 | 93.6 | 101.1 | 111.2 | 118.7 | 128.8 | 138.8 | 148.8 | 161.4 | 186.4 | 211.5 | 241.5 | 13.20 | 35.50 | 2.72 |
| 56.7 | 62.9 | 69.0 | 76.2 | 83.8 | 91.4 | 101.5 | 109.1 | 119.1 | 129.2 | 139.3 | 151.8 | 176.9 | 202.0 | 232.0 | 16.00 | 44.50 | 2.80 |
| 46.3 | 52.7 | 59.0 | 66.3 | 74.0 | 81.7 | 91.9 | 99.5 | 109.6 | 119.7 | 129.8 | 142.4 | 167.6 | 192.7 | 222.8 | 19.00 | 53.00 | 2.81 |
| — | — | 46.5 | 54.1 | 62.1 | 70.0 | 80.4 | 88.1 | 98.3 | 108.5 | 118.7 | 131.4 | 156.6 | 181.8 | 212.0 | 22.40 | 63.00 | 2.83 |
| **0.93** | **0.94** | **0.95** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.09** | **1.10** | | | |
| 67.3 | 73.4 | 79.5 | 86.5 | 94.1 | 101.7 | 111.7 | 119.2 | 129.3 | 139.3 | 149.4 | 161.9 | 186.9 | 212.0 | 242.0 | 12.50 | 35.50 | 2.87 |
| 62.2 | 68.4 | 74.5 | 81.6 | 89.1 | 96.7 | 106.8 | 114.3 | 124.4 | 134.5 | 144.5 | 157.1 | 182.1 | 207.2 | 237.2 | 14.00 | 40.00 | 2.88 |
| — | — | — | — | 52.1 | 60.3 | 71.0 | 78.9 | 89.3 | 99.6 | 109.8 | 122.6 | 148.0 | 173.2 | 203.4 | 24.80 | 71.00 | 2.88 |
| 47.0 | 53.4 | 59.7 | 66.9 | 74.7 | 82.4 | 92.6 | 100.2 | 110.3 | 120.5 | 130.6 | 143.2 | 168.3 | 193.4 | 223.6 | 18.00 | 53.00 | 2.97 |
| 57.4 | 63.6 | 69.7 | 76.9 | 84.5 | 92.1 | 102.2 | 109.8 | 119.9 | 129.9 | 140.0 | 152.6 | 177.7 | 202.7 | 232.8 | 15.00 | 44.50 | 2.99 |
| **0.93** | **0.94** | **0.95** | **0.96** | **0.97** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.05** | **1.07** | **1.09** | **1.10** | | | |
| — | — | 47.2 | 54.9 | 62.9 | 70.8 | 81.2 | 88.9 | 99.2 | 109.4 | 119.5 | 132.2 | 157.5 | 182.7 | 212.8 | 21.20 | 63.00 | 2.99 |
| 62.8 | 68.9 | 75.0 | 82.1 | 89.7 | 97.3 | 107.4 | 114.9 | 125.0 | 135.1 | 145.1 | 157.6 | 182.7 | 207.8 | 237.8 | 13.20 | 40.00 | 3.06 |
| 47.6 | 54.0 | 60.3 | 67.6 | 75.4 | 83.1 | 93.3 | 100.9 | 111.1 | 121.2 | 131.3 | 143.9 | 169.1 | 194.2 | 224.3 | 17.00 | 53.00 | 3.14 |
| — | — | 48.0 | 55.7 | 63.7 | 71.6 | 82.0 | 89.7 | 100.0 | 110.2 | 120.4 | 133.1 | 158.4 | 183.6 | 213.7 | 20.00 | 63.00 | 3.17 |
| — | — | — | — | 53.6 | 61.9 | 72.6 | 80.5 | 90.9 | 101.2 | 111.5 | 124.3 | 149.7 | 175.0 | 205.2 | 22.40 | 71.00 | 3.19 |
| **0.92** | **0.93** | **0.94** | **0.95** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | | | |
| 58.1 | 64.2 | 70.4 | 77.6 | 85.2 | 92.8 | 102.9 | 110.5 | 120.6 | 130.7 | 140.7 | 153.3 | 178.4 | 203.5 | 233.6 | 14.00 | 44.50 | 3.21 |
| 63.3 | 69.4 | 75.5 | 82.6 | 90.2 | 97.8 | 107.9 | 115.4 | 125.5 | 135.6 | 145.6 | 158.2 | 183.3 | 208.3 | 238.4 | 12.50 | 40.00 | 3.24 |
| 48.3 | 54.7 | 61.0 | 68.3 | 76.1 | 83.8 | 94.0 | 101.6 | 111.8 | 121.9 | 132.0 | 144.6 | 169.8 | 194.9 | 225.0 | 16.00 | 53.00 | 3.34 |
| — | — | 48.6 | 56.3 | 64.3 | 72.2 | 82.7 | 90.4 | 100.7 | 110.9 | 121.1 | 133.8 | 159.1 | 184.3 | 214.5 | 19.00 | 63.00 | 3.34 |
| — | — | — | — | 54.4 | 62.6 | 73.4 | 81.3 | 91.7 | 102.0 | 112.3 | 125.1 | 150.5 | 175.8 | 206.1 | 21.20 | 71.00 | 3.37 |
| **0.91** | **0.93** | **0.94** | **0.95** | **0.97** | **0.98** | **0.99** | **1.00** | **1.01** | **1.02** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | | | |
| 58.6 | 64.8 | 71.0 | 78.1 | 85.8 | 93.4 | 103.5 | 111.1 | 121.2 | 131.2 | 141.3 | 153.9 | 179.0 | 204.1 | 234.2 | 13.20 | 44.50 | 3.41 |
| — | — | 49.2 | 56.9 | 65.0 | 72.9 | 83.3 | 91.1 | 101.4 | 111.6 | 121.8 | 134.5 | 159.8 | 185.0 | 215.2 | 18.00 | 63.00 | 3.53 |
| 48.9 | 55.3 | 61.7 | 69.0 | 76.7 | 84.5 | 94.7 | 102.3 | 112.5 | 122.6 | 132.7 | 145.4 | 170.5 | 195.7 | 225.8 | 15.00 | 53.00 | 3.57 |
| — | — | — | — | 55.1 | 63.4 | 74.1 | 82.1 | 92.5 | 102.9 | 113.2 | 125.9 | 151.4 | 176.7 | 207.0 | 20.00 | 71.00 | 3.58 |
| 59.1 | 65.3 | 71.4 | 78.6 | 86.2 | 93.9 | 104.0 | 111.6 | 121.7 | 131.8 | 141.8 | 154.4 | 179.5 | 204.6 | 234.7 | 12.50 | 44.50 | 3.60 |
| **0.90** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **0.98** | **0.99** | **1.01** | **1.02** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# 8V Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | 1160 RPM Motriz | | 870 RPM Motriz | | 690 RPM Motriz | | Designación de Largo de Banda 8V | | | | | | |
| | Motriz D.E. | Impuls. D.E. | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | Impuls. RPM | HP por Banda 8V | 1000 | 1180 | 1320 | 1400 | 1600 | 1800 | 2000 |
| 3.74 | 17.00 | 63.00 | — | — | 310 | 77.09 | 233 | 63.79 | 185 | 53.40 | — | — | — | — | — | — | — |
| 3.77 | 19.00 | 71.00 | — | — | 308 | 87.76 | 231 | 73.58 | 183 | 61.92 | — | — | — | — | — | — | — |
| 3.83 | 14.00 | 53.00 | 457 | 71.49 | 303 | 58.99 | 227 | 48.12 | 180 | 40.09 | — | — | — | — | — | — | 43.0 |
| 3.85 | 24.80 | 95.00 | — | — | — | — | 226 | 98.66 | 179 | 84.80 | — | — | — | — | — | — | — |
| 3.97 | 16.00 | 63.00 | — | — | 292 | 71.33 | 219 | 58.70 | 174 | 49.04 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** |
| 3.98 | 18.00 | 71.00 | — | — | 292 | 82.58 | 219 | 68.76 | 173 | 57.70 | — | — | — | — | — | — | — |
| 4.06 | 13.20 | 53.00 | 431 | 65.97 | 286 | 53.79 | 214 | 43.77 | 170 | 36.44 | — | — | — | — | — | — | 43.4 |
| 4.21 | 17.00 | 71.00 | — | — | 275 | 77.11 | 206 | 63.80 | 164 | 53.41 | — | — | — | — | — | — | — |
| 4.24 | 15.00 | 63.00 | — | — | 273 | 65.31 | 205 | 53.48 | 163 | 44.61 | — | — | — | — | — | — | — |
| 4.27 | 22.40 | 95.00 | — | — | — | — | 204 | 88.93 | 162 | 75.68 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** |
| 4.29 | 12.50 | 53.00 | 408 | 60.76 | 270 | 49.11 | 203 | 39.90 | 161 | 33.21 | — | — | — | — | — | — | 43.9 |
| 4.48 | 16.00 | 71.00 | — | — | 259 | 71.35 | 194 | 58.71 | 154 | 49.05 | — | — | — | — | — | — | — |
| 4.51 | 21.20 | 95.00 | — | — | 257 | 98.09 | 193 | 83.72 | 153 | 70.94 | — | — | — | — | — | — | — |
| 4.55 | 14.00 | 63.00 | 385 | 71.53 | 255 | 59.02 | 191 | 48.14 | 152 | 40.11 | — | — | — | — | — | — | — |
| 4.78 | 15.00 | 71.00 | — | — | 242 | 65.32 | 182 | 53.49 | 144 | 44.62 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.81** |
| 4.79 | 20.00 | 95.00 | + | + | 242 | 92.67 | 182 | 78.30 | 144 | 66.08 | — | — | — | — | — | — | — |
| 4.83 | 13.20 | 63.00 | 362 | 66.01 | 240 | 53.81 | 180 | 43.79 | 143 | 36.45 | — | — | — | — | — | — | — |
| 5.04 | 19.00 | 95.00 | + | + | 230 | 87.80 | 173 | 73.61 | 137 | 61.94 | — | — | — | — | — | — | — |
| 5.11 | 12.50 | 63.00 | 343 | 60.79 | 227 | 49.13 | 170 | 39.91 | 135 | 33.22 | — | — | — | — | — | — | — |
| 5.13 | 14.00 | 71.00 | 341 | 71.54 | 226 | 59.03 | 170 | 48.15 | 134 | 40.11 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 5.33 | 18.00 | 95.00 | + | + | 218 | 82.62 | 163 | 68.79 | 130 | 57.72 | — | — | — | — | — | — | — |
| 5.45 | 13.20 | 71.00 | 321 | 66.02 | 213 | 53.82 | 160 | 43.79 | 127 | 36.46 | — | — | — | — | — | — | — |
| 5.64 | 17.00 | 95.00 | + | + | 206 | 77.14 | 154 | 63.82 | 122 | 53.43 | — | — | — | — | — | — | — |
| 5.76 | 12.50 | 71.00 | 304 | 60.81 | 202 | 49.14 | 151 | 39.92 | 120 | 33.23 | — | — | — | — | — | — | — |
| 6.00 | 16.00 | 95.00 | + | + | 193 | 71.38 | 145 | 58.73 | 115 | 49.07 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 6.41 | 15.00 | 95.00 | + | + | 181 | 65.34 | 136 | 53.51 | 108 | 44.63 | — | — | — | — | — | — | — |
| 6.87 | 14.00 | 95.00 | 255 | 71.57 | 169 | 59.05 | 127 | 48.17 | 100 | 40.12 | — | — | — | — | — | — | — |
| 7.29 | 13.20 | 95.00 | 240 | 66.05 | 159 | 53.84 | 119 | 43.81 | 95 | 36.47 | — | — | — | — | — | — | — |
| 7.71 | 12.50 | 95.00 | 227 | 60.83 | 151 | 49.15 | 113 | 39.93 | 90 | 33.24 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |

8V = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia 8V

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda 8V | | | | | | | | | | | | | | | Motriz D.E. | Impulsada D.E. | |
| 2120 | 2240 | 2360 | 2500 | 2650 | 2800 | 3000 | 3150 | 3350 | 3550 | 3750 | 4000 | 4500 | 5000 | 5600 | | | |
| — | — | 49.9 | 57.6 | 65.6 | 73.6 | 84.0 | 91.8 | 102.1 | 112.3 | 122.5 | 135.2 | 160.5 | 185.7 | 215.9 | 17.00 | 63.00 | 3.74 |
| — | — | — | — | 55.8 | 64.0 | 74.8 | 82.7 | 93.2 | 103.6 | 113.8 | 126.6 | 152.1 | 177.4 | 207.7 | 19.00 | 71.00 | 3.77 |
| 49.5 | 56.0 | 62.3 | 69.6 | 77.4 | 85.1 | 95.4 | 103.0 | 113.2 | 123.3 | 133.5 | 146.1 | 171.3 | 196.4 | 226.5 | 14.00 | 53.00 | 3.83 |
| — | — | — | — | — | — | — | — | — | 75.2 | 86.3 | 99.7 | 126.0 | 151.9 | 182.5 | 24.80 | 95.00 | 3.85 |
| — | 43.6 | 50.5 | 58.2 | 66.3 | 74.2 | 84.7 | 92.5 | 102.8 | 113.0 | 123.2 | 135.9 | 161.2 | 186.5 | 216.7 | 16.00 | 63.00 | 3.97 |
| **0.85** | **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.97** | **0.98** | **0.99** | **1.00** | **1.02** | **1.03** | **1.05** | **1.07** | **1.09** | | | |
| — | — | — | — | 56.4 | 64.7 | 75.4 | 83.4 | 93.9 | 104.2 | 114.5 | 127.3 | 152.8 | 178.1 | 208.4 | 18.00 | 71.00 | 3.98 |
| 50.1 | 56.5 | 62.9 | 70.2 | 78.0 | 85.7 | 95.9 | 103.6 | 113.8 | 123.9 | 134.0 | 146.7 | 171.9 | 197.0 | 227.1 | 13.20 | 53.00 | 4.06 |
| — | — | — | 48.3 | 57.0 | 65.3 | 76.1 | 84.0 | 94.5 | 104.9 | 115.2 | 128.0 | 153.5 | 178.8 | 209.1 | 17.00 | 71.00 | 4.21 |
| — | 44.2 | 51.1 | 58.8 | 66.9 | 74.9 | 85.4 | 93.1 | 103.5 | 113.7 | 123.9 | 136.6 | 162.0 | 187.2 | 217.4 | 15.00 | 63.00 | 4.24 |
| — | — | — | — | — | — | — | — | 65.2 | 76.7 | 87.8 | 101.3 | 127.6 | 153.5 | 184.2 | 22.40 | 95.00 | 4.27 |
| **0.85** | **0.87** | **0.89** | **0.91** | **0.93** | **0.95** | **0.97** | **0.98** | **0.99** | **1.00** | **1.02** | **1.03** | **1.05** | **1.07** | **1.09** | | | |
| 50.5 | 57.0 | 63.3 | 70.7 | 78.4 | 86.2 | 96.4 | 104.1 | 114.3 | 124.4 | 134.5 | 147.2 | 172.4 | 197.5 | 227.7 | 12.50 | 53.00 | 4.29 |
| — | — | — | 48.9 | 57.6 | 65.9 | 76.7 | 84.7 | 95.2 | 105.6 | 115.9 | 128.7 | 154.2 | 179.6 | 209.9 | 16.00 | 71.00 | 4.48 |
| — | — | — | — | — | — | — | — | 65.9 | 77.4 | 88.5 | 102.1 | 128.4 | 154.3 | 185.1 | 21.20 | 95.00 | 4.51 |
| — | 44.8 | 51.7 | 59.5 | 67.6 | 75.6 | 86.0 | 93.8 | 104.1 | 114.4 | 124.6 | 137.3 | 162.7 | 187.9 | 218.1 | 14.00 | 63.00 | 4.55 |
| — | — | — | 49.5 | 58.2 | 66.6 | 77.4 | 85.4 | 95.9 | 106.3 | 116.6 | 129.4 | 154.9 | 180.3 | 210.6 | 15.00 | 71.00 | 4.78 |
| **0.85** | **0.87** | **0.89** | **0.91** | **0.93** | **0.95** | **0.96** | **0.98** | **0.99** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | | | |
| — | — | — | — | — | — | — | — | 66.6 | 78.2 | 89.3 | 102.8 | 129.2 | 155.1 | 185.9 | 20.00 | 95.00 | 4.79 |
| — | 45.3 | 52.2 | 60.0 | 68.1 | 76.1 | 86.6 | 94.4 | 104.7 | 115.0 | 125.2 | 137.9 | 163.3 | 188.5 | 218.7 | 13.20 | 63.00 | 4.83 |
| — | — | — | — | — | — | — | — | 67.2 | 78.8 | 89.9 | 103.5 | 129.9 | 155.8 | 186.6 | 19.00 | 95.00 | 5.04 |
| — | 45.7 | 52.6 | 60.4 | 68.6 | 76.5 | 87.0 | 94.8 | 105.2 | 115.4 | 125.7 | 138.4 | 163.8 | 189.0 | 219.2 | 12.50 | 63.00 | 5.11 |
| — | — | — | 50.1 | 58.8 | 67.2 | 78.0 | 86.0 | 96.5 | 106.9 | 117.3 | 130.1 | 155.6 | 181.0 | 211.3 | 14.00 | 71.00 | 5.13 |
| **0.0** | **0.78** | **0.83** | **0.86** | **0.89** | **0.91** | **0.94** | **0.95** | **0.97** | **0.99** | **1.00** | **1.01** | **1.04** | **1.06** | **1.08** | | | |
| — | — | — | — | — | — | — | — | 67.8 | 79.4 | 90.6 | 104.1 | 130.6 | 156.5 | 187.3 | 18.00 | 95.00 | 5.33 |
| — | — | — | 50.6 | 59.3 | 67.7 | 78.6 | 86.5 | 97.1 | 107.5 | 117.8 | 130.7 | 156.2 | 181.6 | 211.9 | 13.20 | 71.00 | 5.45 |
| — | — | — | — | — | — | — | — | 68.4 | 80.0 | 91.2 | 104.8 | 131.2 | 157.2 | 188.0 | 17.00 | 95.00 | 5.64 |
| — | — | — | 51.0 | 59.8 | 68.1 | 79.0 | 87.0 | 97.5 | 108.0 | 118.3 | 131.2 | 156.7 | 182.1 | 212.4 | 12.50 | 71.00 | 5.76 |
| — | — | — | — | — | — | — | — | 69.0 | 80.6 | 91.8 | 105.4 | 131.9 | 157.9 | 188.7 | 16.00 | 95.00 | 6.00 |
| **0.0** | **0.0** | **0.0** | **0.78** | **0.84** | **0.87** | **0.91** | **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.03** | **1.05** | **1.08** | | | |
| — | — | — | — | — | — | — | — | 69.6 | 81.3 | 92.5 | 106.1 | 132.6 | 158.6 | 189.4 | 15.00 | 95.00 | 6.41 |
| — | — | — | — | — | — | — | — | 70.2 | 81.9 | 93.1 | 106.7 | 133.2 | 159.2 | 190.1 | 14.00 | 95.00 | 6.87 |
| — | — | — | — | — | — | — | — | 70.7 | 82.4 | 93.6 | 107.2 | 133.8 | 159.8 | 190.6 | 13.20 | 95.00 | 7.29 |
| — | — | — | — | — | — | — | 58.5 | 71.1 | 82.8 | 94.0 | 107.7 | 134.2 | 160.3 | 191.1 | 12.50 | 95.00 | 7.71 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.72** | **0.81** | **0.87** | **0.90** | **0.94** | **0.98** | **1.02** | **1.05** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/X | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.00 | 3.0 | 3.0 | 3500 | 2.24 | 3.17 | 1750 | 1.67 | 2.10 | 1160 | 1.29 | 1.57 | 8.9 | 11.4 | 13.4 | 14.9 | 16.9 | 18.9 | 21.4 |
| 1.00 | 3.2 | 3.2 | 3500 | 2.87 | 3.82 | 1750 | 2.04 | 2.47 | 1160 | 1.55 | 1.83 | 8.6 | 11.1 | 13.1 | 14.6 | 16.6 | 18.6 | 21.1 |
| 1.00 | 3.4 | 3.4 | 3500 | 3.48 | 4.45 | 1750 | 2.41 | 2.84 | 1160 | 1.81 | 2.09 | 8.3 | 10.8 | 12.8 | 14.3 | 16.3 | 18.3 | 20.8 |
| 1.00 | 3.6 | 3.6 | 3500 | 4.08 | 5.07 | 1750 | 2.77 | 3.21 | 1160 | 2.06 | 2.34 | 8.0 | 10.5 | 12.5 | 14.0 | 16.0 | 18.0 | 20.5 |
| 1.00 | 3.8 | 3.8 | 3500 | 4.66 | 5.68 | 1750 | 3.13 | 3.57 | 1160 | 2.32 | 2.60 | 7.7 | 10.2 | 12.2 | 13.7 | 15.7 | 17.7 | 20.2 |
| | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.85** | **0.87** | **0.90** | **0.92** |
| 1.00 | 4.0 | 4.0 | 3500 | 5.22 | 6.27 | 1750 | 3.48 | 3.92 | 1160 | 2.57 | 2.85 | 7.4 | 9.9 | 11.9 | 13.4 | 15.4 | 17.4 | 19.9 |
| 1.00 | 4.2 | 4.2 | 3500 | 5.77 | 6.86 | 1750 | 3.83 | 4.28 | 1160 | 2.82 | 3.10 | 7.1 | 9.6 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 |
| 1.00 | 4.4 | 4.4 | 3500 | 6.30 | 7.43 | 1750 | 4.18 | 4.63 | 1160 | 3.06 | 3.35 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.00 | 4.6 | 4.6 | 3500 | 6.82 | 7.98 | 1750 | 4.52 | 4.98 | 1160 | 3.31 | 3.60 | 6.4 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| 1.00 | 4.8 | 4.8 | 3500 | 7.32 | 8.52 | 1750 | 4.86 | 5.33 | 1160 | 3.55 | 3.84 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.85** | **0.87** | **0.90** | **0.92** |
| 1.00 | 5.0 | 5.0 | 3500 | 7.80 | 9.05 | 1750 | 5.20 | 5.67 | 1160 | 3.80 | 4.09 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 |
| 1.00 | 5.2 | 5.2 | 3500 | 8.26 | 9.56 | 1750 | 5.53 | 6.01 | 1160 | 4.04 | 4.33 | — | 8.0 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 |
| 1.00 | 5.4 | 5.4 | 3500 | 8.71 | 10.06 | 1750 | 5.86 | 6.34 | 1160 | 4.28 | 4.57 | — | 7.7 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 |
| 1.00 | 5.6 | 5.6 | 3500 | 9.13 | 10.54 | 1750 | 6.18 | 6.68 | 1160 | 4.51 | 4.81 | — | 7.4 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 |
| 1.00 | 5.8 | 5.8 | 3500 | 9.54 | 11.01 | 1750 | 6.51 | 7.01 | 1160 | 4.75 | 5.05 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| | | | | | | | | | | | | **0.0** | **0.79** | **0.82** | **0.85** | **0.87** | **0.90** | **0.92** |
| 1.00 | 6.0 | 6.0 | 3500 | 9.92 | 11.46 | 1750 | 6.83 | 7.34 | 1160 | 4.99 | 5.29 | — | — | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 |
| 1.00 | 6.2 | 6.2 | 3500 | 10.29 | 11.89 | 1750 | 7.14 | 7.66 | 1160 | 5.22 | 5.52 | — | — | 8.4 | 9.9 | 11.9 | 13.9 | 16.4 |
| 1.00 | 6.4 | 6.4 | 3500 | 10.63 | 12.31 | 1750 | 7.45 | 7.98 | 1160 | 5.45 | 5.76 | — | — | 8.1 | 9.6 | 11.6 | 13.6 | 16.1 |
| 1.00 | 6.6 | 6.6 | 3500 | 10.95 | 12.71 | 1750 | 7.76 | 8.30 | 1160 | 5.68 | 5.99 | — | — | — | 9.3 | 11.3 | 13.3 | 15.8 |
| 1.00 | 7.0 | 7.0 | 3500 | 11.53 | 13.46 | 1750 | 8.36 | 8.93 | 1160 | 6.13 | 6.45 | — | — | — | 8.7 | 10.7 | 12.7 | 15.2 |
| | | | | | | | | | | | | **0.0** | **0.0** | **0.82** | **0.85** | **0.87** | **0.90** | **0.92** |
| 1.03 | 5.8 | 6.0 | 3383 | 9.67 | 11.12 | 1692 | 6.57 | 7.07 | 1121 | 4.79 | 5.09 | — | — | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 |
| 1.03 | 6.0 | 6.2 | 3387 | 10.05 | 11.58 | 1694 | 6.89 | 7.39 | 1123 | 5.03 | 5.33 | — | — | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 |
| 1.03 | 6.2 | 6.4 | 3391 | 10.42 | 12.01 | 1695 | 7.20 | 7.72 | 1124 | 5.26 | 5.56 | — | — | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 |
| 1.03 | 6.4 | 6.6 | 3394 | 10.76 | 12.43 | 1697 | 7.52 | 8.04 | 1125 | 5.49 | 5.80 | — | — | — | 9.4 | 11.4 | 13.4 | 15.9 |
| 1.04 | 4.6 | 4.8 | 3354 | 6.99 | 8.13 | 1677 | 4.60 | 5.05 | 1112 | 3.37 | 3.65 | 6.3 | 8.8 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 |
| | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.04 | 4.8 | 5.0 | 3360 | 7.49 | 8.67 | 1680 | 4.94 | 5.40 | 1114 | 3.61 | 3.89 | — | 8.5 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 |
| 1.04 | 5.0 | 5.2 | 3365 | 7.97 | 9.20 | 1683 | 5.28 | 5.74 | 1115 | 3.85 | 4.14 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| 1.04 | 5.2 | 5.4 | 3370 | 8.43 | 9.71 | 1685 | 5.61 | 6.08 | 1117 | 4.09 | 4.38 | — | 7.8 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| 1.04 | 5.4 | 5.6 | 3375 | 8.87 | 10.21 | 1687 | 5.94 | 6.42 | 1119 | 4.33 | 4.62 | — | 7.5 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 |
| 1.04 | 5.6 | 5.8 | 3379 | 9.30 | 10.69 | 1690 | 6.27 | 6.75 | 1120 | 4.57 | 4.86 | — | — | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 |
| | | | | | | | | | | | | **0.0** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.05 | 3.8 | 4.0 | 3325 | 4.86 | 5.86 | 1662 | 3.23 | 3.66 | 1102 | 2.38 | 2.66 | 7.5 | 10.0 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 |
| 1.05 | 4.0 | 4.2 | 3333 | 5.42 | 6.46 | 1667 | 3.58 | 4.02 | 1105 | 2.63 | 2.91 | 7.2 | 9.7 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| 1.05 | 4.2 | 4.4 | 3341 | 5.97 | 7.04 | 1670 | 3.93 | 4.37 | 1107 | 2.88 | 3.16 | 6.9 | 9.4 | 11.4 | 12.9 | 14.9 | 16.9 | 19.4 |
| 1.05 | 4.4 | 4.6 | 3348 | 6.51 | 7.61 | 1674 | 4.28 | 4.72 | 1110 | 3.13 | 3.41 | 6.6 | 9.1 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 |
| 1.06 | 3.2 | 3.4 | 3294 | 3.10 | 4.03 | 1647 | 2.16 | 2.58 | 1092 | 1.63 | 1.90 | 8.5 | 11.0 | 13.0 | 14.5 | 16.5 | 18.5 | 21.0 |
| | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.06 | 3.4 | 3.6 | 3306 | 3.71 | 4.66 | 1653 | 2.52 | 2.95 | 1096 | 1.89 | 2.16 | 8.2 | 10.7 | 12.7 | 14.2 | 16.2 | 18.2 | 20.7 |
| 1.06 | 3.6 | 3.8 | 3316 | 4.31 | 5.29 | 1658 | 2.89 | 3.31 | 1099 | 2.14 | 2.41 | 7.8 | 10.3 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 |
| 1.06 | 6.2 | 6.6 | 3288 | 10.52 | 12.11 | 1644 | 7.26 | 7.77 | 1090 | 5.30 | 5.59 | — | — | 8.1 | 9.6 | 11.6 | 13.6 | 16.1 |
| 1.06 | 6.6 | 7.0 | 3300 | 11.19 | 12.93 | 1650 | 7.88 | 8.41 | 1094 | 5.76 | 6.06 | — | — | — | 9.0 | 11.0 | 13.0 | 15.5 |
| 1.07 | 3.0 | 3.2 | 3281 | 2.51 | 3.41 | 1641 | 1.81 | 2.22 | 1088 | 1.38 | 1.65 | 8.8 | 11.3 | 13.3 | 14.8 | 16.8 | 18.8 | 21.3 |
| | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.07 | 5.4 | 5.8 | 3259 | 8.98 | 10.30 | 1629 | 5.99 | 6.47 | 1080 | 4.37 | 4.65 | — | 7.4 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 |
| 1.07 | 5.6 | 6.0 | 3267 | 9.40 | 10.79 | 1633 | 6.32 | 6.80 | 1083 | 4.60 | 4.89 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| 1.07 | 5.8 | 6.2 | 3274 | 9.81 | 11.25 | 1637 | 6.64 | 7.13 | 1085 | 4.84 | 5.13 | — | — | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 |
| 1.07 | 6.0 | 6.4 | 3281 | 10.19 | 11.70 | 1641 | 6.96 | 7.46 | 1088 | 5.07 | 5.37 | — | — | 8.4 | 9.9 | 11.9 | 13.9 | 16.4 |
| 1.08 | 4.8 | 5.2 | 3231 | 7.62 | 8.79 | 1615 | 5.01 | 5.46 | 1071 | 3.65 | 3.93 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 |
| | | | | | | | | | | | | **0.0** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.08 | 5.0 | 5.4 | 3241 | 8.10 | 9.32 | 1620 | 5.35 | 5.80 | 1074 | 3.90 | 4.18 | — | 8.0 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 |
| 1.08 | 5.2 | 5.6 | 3250 | 8.56 | 9.83 | 1625 | 5.68 | 6.14 | 1077 | 4.14 | 4.42 | — | 7.7 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 |
| 1.09 | 4.4 | 4.8 | 3208 | 6.63 | 7.72 | 1604 | 4.34 | 4.78 | 1063 | 3.17 | 3.45 | 6.4 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| 1.09 | 4.6 | 5.0 | 3220 | 7.15 | 8.28 | 1610 | 4.68 | 5.13 | 1067 | 3.42 | 3.70 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| 1.09 | 6.4 | 7.0 | 3200 | 10.96 | 12.61 | 1600 | 7.62 | 8.13 | 1061 | 5.56 | 5.86 | — | — | — | 9.1 | 11.1 | 13.1 | 15.6 |
| | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 23.4 | 25.9 | 29.9 | 33.4 | 35.9 | 38.4 | 40.9 | 43.9 | 48.4 | 51.9 | 55.9 | 59.9 | 3.0 | 3.0 | 1.00 |
| 23.1 | 25.6 | 29.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.6 | 48.1 | 51.6 | 55.6 | 59.6 | 3.2 | 3.2 | 1.00 |
| 22.8 | 25.3 | 29.3 | 32.8 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 | 3.4 | 3.4 | 1.00 |
| 22.5 | 25.0 | 29.0 | 32.5 | 35.0 | 37.5 | 40.0 | 43.0 | 47.5 | 51.0 | 55.0 | 59.0 | 3.6 | 3.6 | 1.00 |
| 22.2 | 24.7 | 28.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 | 3.8 | 3.8 | 1.00 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.08** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 21.9 | 24.4 | 28.4 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 4.0 | 4.0 | 1.00 |
| 21.6 | 24.1 | 28.1 | 31.6 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 | 4.2 | 4.2 | 1.00 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 4.4 | 4.4 | 1.00 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 4.6 | 4.6 | 1.00 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 4.8 | 4.8 | 1.00 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.08** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 5.0 | 5.0 | 1.00 |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 5.2 | 5.2 | 1.00 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 5.4 | 5.4 | 1.00 |
| 19.4 | 21.9 | 25.9 | 29.4 | 31.9 | 34.4 | 36.9 | 39.9 | 44.4 | 47.9 | 51.9 | 55.9 | 5.6 | 5.6 | 1.00 |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 5.8 | 5.8 | 1.00 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.08** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 6.0 | 6.0 | 1.00 |
| 18.4 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 6.2 | 6.2 | 1.00 |
| 18.1 | 20.6 | 24.6 | 28.1 | 30.6 | 33.1 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 | 6.4 | 6.4 | 1.00 |
| 17.8 | 20.3 | 24.3 | 27.8 | 30.3 | 32.8 | 35.3 | 38.3 | 42.8 | 46.3 | 50.3 | 54.3 | 6.6 | 6.6 | 1.00 |
| 17.2 | 19.7 | 23.7 | 27.2 | 29.7 | 32.2 | 34.7 | 37.7 | 42.2 | 45.7 | 49.7 | 53.7 | 7.0 | 7.0 | 1.00 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.08** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 | 5.8 | 6.0 | 1.03 |
| 18.6 | 21.1 | 25.1 | 28.6 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 | 6.0 | 6.2 | 1.03 |
| 18.3 | 20.8 | 24.8 | 28.3 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 6.2 | 6.4 | 1.03 |
| 17.9 | 20.4 | 24.4 | 27.9 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 6.4 | 6.6 | 1.03 |
| 20.8 | 23.3 | 27.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 4.6 | 4.8 | 1.04 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 20.5 | 23.0 | 27.0 | 30.5 | 33.0 | 35.5 | 38.0 | 41.0 | 45.5 | 49.0 | 53.0 | 57.0 | 4.8 | 5.0 | 1.04 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 5.0 | 5.2 | 1.04 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 5.2 | 5.4 | 1.04 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 5.4 | 5.6 | 1.04 |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 5.6 | 5.8 | 1.04 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 22.0 | 24.5 | 28.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 | 3.8 | 4.0 | 1.05 |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 4.0 | 4.2 | 1.05 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 4.2 | 4.4 | 1.05 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 4.4 | 4.6 | 1.05 |
| 23.0 | 25.5 | 29.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.5 | 48.0 | 51.5 | 55.5 | 59.5 | 3.2 | 3.4 | 1.06 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 22.7 | 25.2 | 29.2 | 32.7 | 35.2 | 37.7 | 40.2 | 43.2 | 47.7 | 51.2 | 55.2 | 59.2 | 3.4 | 3.6 | 1.06 |
| 22.3 | 24.8 | 28.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 | 3.6 | 3.8 | 1.06 |
| 18.1 | 20.6 | 24.6 | 28.1 | 30.6 | 33.1 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 | 6.2 | 6.6 | 1.06 |
| 17.5 | 20.0 | 24.0 | 27.5 | 30.0 | 32.5 | 35.0 | 38.0 | 42.5 | 46.0 | 50.0 | 54.0 | 6.6 | 7.0 | 1.06 |
| 23.3 | 25.8 | 29.8 | 33.3 | 35.8 | 38.3 | 40.8 | 43.8 | 48.3 | 51.8 | 55.8 | 59.8 | 3.0 | 3.2 | 1.07 |
| **0.94** | **0.97** | **1.00** | **1.03** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 19.4 | 21.9 | 25.9 | 29.4 | 31.9 | 34.4 | 36.9 | 39.9 | 44.4 | 47.9 | 51.9 | 55.9 | 5.4 | 5.8 | 1.07 |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 5.6 | 6.0 | 1.07 |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 5.8 | 6.2 | 1.07 |
| 18.4 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 6.0 | 6.4 | 1.07 |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 4.8 | 5.2 | 1.08 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 5.0 | 5.4 | 1.08 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 5.2 | 5.6 | 1.08 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 4.4 | 4.8 | 1.09 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 4.6 | 5.0 | 1.09 |
| 17.6 | 20.1 | 24.1 | 27.6 | 30.1 | 32.6 | 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 | 6.4 | 7.0 | 1.09 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.09 | 7.0 | 7.6 | 3224 | 11.86 | 13.76 | 1612 | 8.53 | 9.07 | 1068 | 6.24 | 6.55 | — | — | — | — | 10.2 | 12.2 | 14.7 |
| 1.10 | 4.0 | 4.4 | 3182 | 5.58 | 6.60 | 1591 | 3.66 | 4.09 | 1055 | 2.69 | 2.96 | 7.0 | 9.6 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 |
| 1.10 | 4.2 | 4.6 | 3196 | 6.13 | 7.18 | 1598 | 4.01 | 4.44 | 1059 | 2.93 | 3.21 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.10 | 5.8 | 6.4 | 3172 | 9.89 | 11.33 | 1586 | 6.68 | 7.17 | 1051 | 4.87 | 5.16 | — | — | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 |
| 1.10 | 6.0 | 6.6 | 3182 | 10.28 | 11.78 | 1591 | 7.00 | 7.50 | 1055 | 5.10 | 5.39 | — | — | 8.2 | 9.7 | 11.8 | 13.8 | 16.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.11 | 3.6 | 4.0 | 3150 | 4.46 | 5.42 | 1575 | 2.96 | 3.38 | 1044 | 2.19 | 2.46 | 7.7 | 10.2 | 12.2 | 13.7 | 15.7 | 17.7 | 20.2 |
| 1.11 | 3.8 | 4.2 | 3167 | 5.04 | 6.03 | 1583 | 3.32 | 3.74 | 1050 | 2.44 | 2.71 | 7.4 | 9.9 | 11.9 | 13.4 | 15.4 | 17.4 | 19.9 |
| 1.11 | 5.4 | 6.0 | 3150 | 9.09 | 10.41 | 1575 | 6.05 | 6.52 | 1044 | 4.40 | 4.69 | — | — | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 |
| 1.11 | 5.6 | 6.2 | 3161 | 9.51 | 10.89 | 1581 | 6.38 | 6.85 | 1048 | 4.64 | 4.93 | — | — | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 |
| 1.12 | 3.2 | 3.6 | 3111 | 3.27 | 4.19 | 1556 | 2.25 | 2.66 | 1031 | 1.69 | 1.95 | 8.3 | 10.8 | 12.8 | 14.3 | 16.3 | 18.3 | 20.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.12 | 3.4 | 3.8 | 3132 | 3.88 | 4.82 | 1566 | 2.61 | 3.03 | 1038 | 1.94 | 2.21 | 8.0 | 10.5 | 12.5 | 14.0 | 16.0 | 18.0 | 20.5 |
| 1.12 | 4.8 | 5.4 | 3111 | 7.73 | 8.89 | 1556 | 5.06 | 5.51 | 1031 | 3.69 | 3.97 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| 1.12 | 5.0 | 5.6 | 3125 | 8.21 | 9.42 | 1563 | 5.40 | 5.85 | 1036 | 3.93 | 4.21 | — | 7.8 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| 1.12 | 5.2 | 5.8 | 3138 | 8.67 | 9.93 | 1569 | 5.73 | 6.19 | 1040 | 4.17 | 4.45 | — | 7.5 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 |
| 1.13 | 3.0 | 3.4 | 3088 | 2.67 | 3.56 | 1544 | 1.89 | 2.30 | 1024 | 1.44 | 1.70 | 8.6 | 11.1 | 13.1 | 14.6 | 16.6 | 18.6 | 21.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.13 | 4.6 | 5.2 | 3096 | 7.25 | 8.37 | 1548 | 4.74 | 5.17 | 1026 | 3.45 | 3.73 | — | 8.4 | 10.4 | 11.9 | 13.9 | 16.0 | 18.5 |
| 1.13 | 6.2 | 7.0 | 3100 | 10.72 | 12.28 | 1550 | 7.36 | 7.85 | 1027 | 5.36 | 5.65 | — | — | — | 9.3 | 11.3 | 13.3 | 15.8 |
| 1.14 | 4.2 | 4.8 | 3062 | 6.22 | 7.27 | 1531 | 4.06 | 4.48 | 1015 | 2.97 | 3.24 | 6.6 | 9.1 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 |
| 1.14 | 4.4 | 5.0 | 3080 | 6.76 | 7.84 | 1540 | 4.40 | 4.84 | 1021 | 3.21 | 3.49 | 6.3 | 8.8 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 |
| 1.14 | 5.6 | 6.4 | 3062 | 9.59 | 10.95 | 1531 | 6.41 | 6.88 | 1015 | 4.66 | 4.95 | — | — | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.14 | 5.8 | 6.6 | 3076 | 9.99 | 11.42 | 1538 | 6.73 | 7.21 | 1019 | 4.90 | 5.19 | — | — | 8.4 | 9.9 | 11.9 | 13.9 | 16.4 |
| 1.15 | 4.0 | 4.6 | 3043 | 5.70 | 6.70 | 1522 | 3.72 | 4.14 | 1009 | 2.72 | 2.99 | 6.9 | 9.4 | 11.4 | 12.9 | 14.9 | 16.9 | 19.4 |
| 1.15 | 5.2 | 6.0 | 3033 | 8.74 | 9.99 | 1517 | 5.77 | 6.22 | 1005 | 4.19 | 4.47 | — | 7.3 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 |
| 1.15 | 5.4 | 6.2 | 3048 | 9.18 | 10.49 | 1524 | 6.10 | 6.56 | 1010 | 4.43 | 4.71 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| 1.15 | 6.6 | 7.6 | 3039 | 11.43 | 13.14 | 1520 | 8.00 | 8.51 | 1007 | 5.84 | 6.13 | — | — | — | — | 10.5 | 12.5 | 15.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.16 | 3.8 | 4.4 | 3023 | 5.15 | 6.13 | 1511 | 3.37 | 3.79 | 1002 | 2.48 | 2.75 | 7.2 | 9.7 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| 1.16 | 5.0 | 5.8 | 3017 | 8.29 | 9.50 | 1509 | 5.44 | 5.89 | 1000 | 3.96 | 4.24 | — | 7.7 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 |
| 1.17 | 3.6 | 4.2 | 3000 | 4.59 | 5.54 | 1500 | 3.02 | 3.44 | 994 | 2.23 | 2.50 | 7.5 | 10.0 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 |
| 1.17 | 4.6 | 5.4 | 2981 | 7.33 | 8.45 | 1491 | 4.78 | 5.21 | 988 | 3.48 | 3.75 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 |
| 1.17 | 4.8 | 5.6 | 3000 | 7.83 | 8.99 | 1500 | 5.12 | 5.56 | 994 | 3.72 | 4.00 | — | 8.0 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.17 | 6.0 | 7.0 | 3000 | 10.44 | 11.93 | 1500 | 7.08 | 7.57 | 994 | 5.16 | 5.44 | — | — | — | 9.4 | 11.4 | 13.4 | 15.9 |
| 1.17 | 7.0 | 8.2 | 2988 | 12.04 | 13.93 | 1494 | 8.62 | 9.16 | 990 | 6.30 | 6.61 | — | — | — | — | 9.7 | 11.7 | 14.2 |
| 1.18 | 3.4 | 4.0 | 2975 | 4.01 | 4.93 | 1487 | 2.67 | 3.08 | 986 | 1.98 | 2.25 | 7.8 | 10.3 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 |
| 1.18 | 4.4 | 5.2 | 2962 | 6.84 | 7.91 | 1481 | 4.44 | 4.87 | 982 | 3.24 | 3.51 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| 1.18 | 5.6 | 6.6 | 2970 | 9.66 | 11.02 | 1485 | 6.45 | 6.92 | 984 | 4.69 | 4.97 | — | — | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.19 | 3.2 | 3.8 | 2947 | 3.41 | 4.31 | 1474 | 2.32 | 2.72 | 977 | 1.73 | 1.99 | 8.1 | 10.6 | 12.6 | 14.1 | 16.1 | 18.1 | 20.7 |
| 1.19 | 4.2 | 5.0 | 2940 | 6.32 | 7.35 | 1470 | 4.10 | 4.53 | 974 | 3.00 | 3.27 | 6.4 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| 1.19 | 5.2 | 6.2 | 2935 | 8.81 | 10.06 | 1468 | 5.80 | 6.26 | 973 | 4.22 | 4.50 | — | — | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 |
| 1.19 | 5.4 | 6.4 | 2953 | 9.26 | 10.56 | 1477 | 6.13 | 6.59 | 979 | 4.46 | 4.74 | — | — | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 |
| 1.19 | 6.4 | 7.6 | 2947 | 11.18 | 12.81 | 1474 | 7.73 | 8.23 | 977 | 5.63 | 5.92 | — | — | — | 8.6 | 10.6 | 12.6 | 15.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.20 | 3.0 | 3.6 | 2917 | 2.80 | 3.68 | 1458 | 1.96 | 2.36 | 967 | 1.48 | 1.74 | 8.5 | 11.0 | 13.0 | 14.5 | 16.5 | 18.5 | 21.0 |
| 1.20 | 4.0 | 4.8 | 2917 | 5.79 | 6.79 | 1458 | 3.76 | 4.18 | 967 | 2.75 | 3.02 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.20 | 5.0 | 6.0 | 2917 | 8.37 | 9.56 | 1458 | 5.48 | 5.92 | 967 | 3.98 | 4.26 | — | 7.5 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 |
| 1.21 | 3.8 | 4.6 | 2891 | 5.24 | 6.21 | 1446 | 3.42 | 3.83 | 958 | 2.51 | 2.77 | 7.0 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 |
| 1.21 | 4.8 | 5.8 | 2897 | 7.90 | 9.05 | 1448 | 5.15 | 5.59 | 960 | 3.75 | 4.02 | — | 7.8 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.21 | 5.8 | 7.0 | 2900 | 10.12 | 11.54 | 1450 | 6.80 | 7.27 | 961 | 4.94 | 5.22 | — | — | 8.1 | 9.6 | 11.6 | 13.6 | 16.1 |
| 1.22 | 3.6 | 4.4 | 2864 | 4.67 | 5.61 | 1432 | 3.07 | 3.48 | 949 | 2.26 | 2.52 | 7.4 | 9.9 | 11.9 | 13.4 | 15.4 | 17.4 | 19.9 |
| 1.22 | 4.6 | 5.6 | 2875 | 7.42 | 8.52 | 1437 | 4.82 | 5.25 | 953 | 3.51 | 3.78 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| 1.22 | 5.4 | 6.6 | 2864 | 9.30 | 10.60 | 1432 | 6.16 | 6.61 | 949 | 4.47 | 4.75 | — | — | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 |
| 1.23 | 4.4 | 5.4 | 2852 | 6.91 | 7.98 | 1426 | 4.48 | 4.91 | 945 | 3.27 | 3.53 | — | 8.4 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 16.7 | 19.2 | 23.2 | 26.7 | 29.2 | 31.7 | 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 7.0 | 7.6 | 1.09 |
| 21.6 | 24.1 | 28.1 | 31.6 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 | 4.0 | 4.4 | 1.10 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 4.2 | 4.6 | 1.10 |
| 18.6 | 21.1 | 25.1 | 28.6 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 | 5.8 | 6.4 | 1.10 |
| 18.3 | 20.8 | 24.8 | 28.3 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 6.0 | 6.6 | 1.10 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 22.2 | 24.7 | 28.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 | 3.6 | 4.0 | 1.11 |
| 21.9 | 24.4 | 28.4 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 3.8 | 4.2 | 1.11 |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 5.4 | 6.0 | 1.11 |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 | 5.6 | 6.2 | 1.11 |
| 22.8 | 25.3 | 29.3 | 32.8 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 | 3.2 | 3.6 | 1.12 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 22.5 | 25.0 | 29.0 | 32.5 | 35.0 | 37.5 | 40.0 | 43.0 | 47.5 | 51.0 | 55.0 | 59.0 | 3.4 | 3.8 | 1.12 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 4.8 | 5.4 | 1.12 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 5.0 | 5.6 | 1.12 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 5.2 | 5.8 | 1.12 |
| 23.1 | 25.6 | 29.6 | 33.1 | 35.6 | 38.1 | 40.6 | 43.6 | 48.1 | 51.6 | 55.6 | 59.6 | 3.0 | 3.4 | 1.13 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 20.5 | 23.0 | 27.0 | 30.5 | 33.0 | 35.5 | 38.0 | 41.0 | 45.5 | 49.0 | 53.0 | 57.0 | 4.6 | 5.2 | 1.13 |
| 17.8 | 20.3 | 24.3 | 27.8 | 30.3 | 32.8 | 35.3 | 38.3 | 42.8 | 46.3 | 50.3 | 54.3 | 6.2 | 7.0 | 1.13 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 4.2 | 4.8 | 1.14 |
| 20.8 | 23.3 | 27.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 4.4 | 5.0 | 1.14 |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 5.6 | 6.4 | 1.14 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 18.4 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 5.8 | 6.6 | 1.14 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 4.0 | 4.6 | 1.15 |
| 19.3 | 21.8 | 25.9 | 29.4 | 31.9 | 34.4 | 36.9 | 39.9 | 44.4 | 47.9 | 51.9 | 55.9 | 5.2 | 6.0 | 1.15 |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 5.4 | 6.2 | 1.15 |
| 17.0 | 19.5 | 23.5 | 27.0 | 29.5 | 32.0 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 | 6.6 | 7.6 | 1.15 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 3.8 | 4.4 | 1.16 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 5.0 | 5.8 | 1.16 |
| 22.0 | 24.5 | 28.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 | 3.6 | 4.2 | 1.17 |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 4.6 | 5.4 | 1.17 |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 4.8 | 5.6 | 1.17 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 17.9 | 20.4 | 24.4 | 27.9 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 6.0 | 7.0 | 1.17 |
| 16.2 | 18.7 | 22.7 | 26.2 | 28.7 | 31.2 | 33.7 | 36.7 | 41.2 | 44.7 | 48.7 | 52.7 | 7.0 | 8.2 | 1.17 |
| 22.3 | 24.8 | 28.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 | 3.4 | 4.0 | 1.18 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 4.4 | 5.2 | 1.18 |
| 18.6 | 21.1 | 25.1 | 28.6 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 | 5.6 | 6.6 | 1.18 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 22.7 | 25.2 | 29.2 | 32.7 | 35.2 | 37.7 | 40.2 | 43.2 | 47.7 | 51.2 | 55.2 | 59.2 | 3.2 | 3.8 | 1.19 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 4.2 | 5.0 | 1.19 |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 5.2 | 6.2 | 1.19 |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 | 5.4 | 6.4 | 1.19 |
| 17.1 | 19.6 | 23.6 | 27.1 | 29.6 | 32.1 | 34.6 | 37.6 | 42.2 | 45.7 | 49.7 | 53.7 | 6.4 | 7.6 | 1.19 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 23.0 | 25.5 | 29.5 | 33.0 | 35.5 | 38.0 | 40.5 | 43.5 | 48.0 | 51.5 | 55.5 | 59.5 | 3.0 | 3.6 | 1.20 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 4.0 | 4.8 | 1.20 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 5.0 | 6.0 | 1.20 |
| 21.5 | 24.0 | 28.0 | 31.6 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 | 3.8 | 4.6 | 1.21 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 4.8 | 5.8 | 1.21 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.12** | **1.13** | **1.15** | **1.17** | | | |
| 18.1 | 20.6 | 24.6 | 28.1 | 30.6 | 33.1 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 | 5.8 | 7.0 | 1.21 |
| 21.9 | 24.4 | 28.4 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 3.6 | 4.4 | 1.22 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 4.6 | 5.6 | 1.22 |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 5.4 | 6.6 | 1.22 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 41.0 | 45.5 | 49.0 | 53.0 | 57.0 | 4.4 | 5.4 | 1.23 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.23 | 5.2 | 6.4 | 2844 | 8.87 | 10.11 | 1422 | 5.83 | 6.28 | 942 | 4.24 | 4.51 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| 1.23 | 6.2 | 7.6 | 2855 | 10.90 | 12.45 | 1428 | 7.44 | 7.94 | 946 | 5.42 | 5.71 | — | — | — | 8.8 | 10.8 | 12.8 | 15.3 |
| 1.24 | 3.4 | 4.2 | 2833 | 4.10 | 5.02 | 1417 | 2.72 | 3.12 | 939 | 2.01 | 2.27 | 7.7 | 10.2 | 12.2 | 13.7 | 15.7 | 17.7 | 20.2 |
| 1.24 | 4.2 | 5.2 | 2827 | 6.39 | 7.42 | 1413 | 4.14 | 4.56 | 937 | 3.02 | 3.29 | 6.2 | 8.8 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 |
| 1.24 | 5.0 | 6.2 | 2823 | 8.42 | 9.61 | 1411 | 5.51 | 5.95 | 935 | 4.00 | 4.27 | — | 7.3 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.24 | 6.6 | 8.2 | 2817 | 11.58 | 13.28 | 1409 | 8.07 | 8.58 | 934 | 5.89 | 6.18 | — | — | — | — | 10.0 | 12.0 | 14.5 |
| 1.25 | 3.2 | 4.0 | 2800 | 3.50 | 4.39 | 1400 | 2.36 | 2.76 | 928 | 1.76 | 2.02 | 8.0 | 10.5 | 12.5 | 14.0 | 16.0 | 18.0 | 20.5 |
| 1.25 | 4.0 | 5.0 | 2800 | 5.86 | 6.85 | 1400 | 3.80 | 4.21 | 928 | 2.78 | 3.04 | 6.6 | 9.1 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 |
| 1.25 | 4.8 | 6.0 | 2800 | 7.95 | 9.10 | 1400 | 5.18 | 5.61 | 928 | 3.76 | 4.03 | — | 7.6 | 9.6 | 11.2 | 13.2 | 15.2 | 17.7 |
| 1.25 | 5.6 | 7.0 | 2800 | 9.77 | 11.12 | 1400 | 6.50 | 6.97 | 928 | 4.72 | 5.00 | — | — | 8.2 | 9.7 | 11.7 | 13.7 | 16.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.82** | **0.84** | **0.87** | **0.89** | **0.92** |
| 1.26 | 3.8 | 4.8 | 2771 | 5.30 | 6.27 | 1385 | 3.45 | 3.86 | 918 | 2.53 | 2.79 | 6.9 | 9.4 | 11.4 | 12.9 | 14.9 | 16.9 | 19.4 |
| 1.26 | 4.6 | 5.8 | 2776 | 7.47 | 8.57 | 1388 | 4.84 | 5.27 | 920 | 3.52 | 3.79 | — | 8.0 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 |
| 1.27 | 3.0 | 3.8 | 2763 | 2.90 | 3.77 | 1382 | 2.00 | 2.40 | 916 | 1.51 | 1.77 | 8.3 | 10.8 | 12.8 | 14.3 | 16.3 | 18.3 | 20.8 |
| 1.27 | 4.4 | 5.6 | 2750 | 6.96 | 8.02 | 1375 | 4.51 | 4.93 | 911 | 3.28 | 3.55 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 |
| 1.27 | 5.2 | 6.6 | 2758 | 8.92 | 10.16 | 1379 | 5.86 | 6.31 | 914 | 4.26 | 4.53 | — | — | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.27 | 6.0 | 7.6 | 2763 | 10.58 | 12.06 | 1382 | 7.15 | 7.63 | 916 | 5.20 | 5.49 | — | — | — | 8.9 | 10.9 | 12.9 | 15.4 |
| 1.28 | 3.6 | 4.6 | 2739 | 4.74 | 5.68 | 1370 | 3.10 | 3.51 | 908 | 2.29 | 2.55 | 7.2 | 9.7 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| 1.28 | 5.0 | 6.4 | 2734 | 8.47 | 9.66 | 1367 | 5.53 | 5.97 | 906 | 4.02 | 4.29 | — | — | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 |
| 1.28 | 6.4 | 8.2 | 2732 | 11.30 | 12.92 | 1366 | 7.79 | 8.28 | 905 | 5.67 | 5.96 | — | — | — | — | 10.1 | 12.1 | 14.7 |
| 1.29 | 3.4 | 4.4 | 2705 | 4.16 | 5.07 | 1352 | 2.75 | 3.15 | 896 | 2.03 | 2.29 | 7.5 | 10.0 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.29 | 4.2 | 5.4 | 2722 | 6.45 | 7.47 | 1361 | 4.17 | 4.59 | 902 | 3.04 | 3.31 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| 1.29 | 4.8 | 6.2 | 2710 | 8.00 | 9.14 | 1355 | 5.20 | 5.63 | 898 | 3.78 | 4.05 | — | 7.5 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 |
| 1.29 | 7.0 | 9.0 | 2722 | 12.21 | 14.08 | 1361 | 8.70 | 9.23 | 902 | 6.36 | 6.66 | — | — | — | — | — | 11.0 | 13.5 |
| 1.30 | 4.0 | 5.2 | 2692 | 5.91 | 6.90 | 1346 | 3.82 | 4.24 | 892 | 2.80 | 3.06 | 6.4 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| 1.30 | 4.6 | 6.0 | 2683 | 7.51 | 8.61 | 1342 | 4.87 | 5.29 | 889 | 3.54 | 3.80 | — | 7.8 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.83** | **0.86** | **0.89** | **0.92** |
| 1.30 | 5.4 | 7.0 | 2700 | 9.40 | 10.69 | 1350 | 6.20 | 6.66 | 895 | 4.51 | 4.78 | — | — | 8.4 | 9.9 | 11.9 | 13.9 | 16.4 |
| 1.31 | 3.2 | 4.2 | 2667 | 3.57 | 4.45 | 1333 | 2.39 | 2.79 | 884 | 1.78 | 2.04 | 7.8 | 10.3 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 |
| 1.31 | 5.8 | 7.6 | 2671 | 10.24 | 11.64 | 1336 | 6.86 | 7.33 | 885 | 4.98 | 5.26 | — | — | — | 9.1 | 11.1 | 13.1 | 15.6 |
| 1.32 | 3.8 | 5.0 | 2660 | 5.37 | 6.32 | 1330 | 3.48 | 3.89 | 882 | 2.55 | 2.81 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.32 | 4.4 | 5.8 | 2655 | 7.01 | 8.07 | 1328 | 4.53 | 4.95 | 880 | 3.30 | 3.56 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.32 | 5.0 | 6.6 | 2652 | 8.51 | 9.69 | 1326 | 5.55 | 5.99 | 879 | 4.03 | 4.30 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| 1.32 | 6.2 | 8.2 | 2646 | 11.00 | 12.54 | 1323 | 7.49 | 7.98 | 877 | 5.45 | 5.74 | — | — | — | — | 10.3 | 12.3 | 14.8 |
| 1.33 | 3.0 | 4.0 | 2625 | 2.96 | 3.82 | 1313 | 2.03 | 2.43 | 870 | 1.53 | 1.79 | 8.1 | 10.6 | 12.6 | 14.1 | 16.1 | 18.1 | 20.6 |
| 1.33 | 3.6 | 4.8 | 2625 | 4.79 | 5.72 | 1312 | 3.13 | 3.53 | 870 | 2.30 | 2.56 | 7.0 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 |
| 1.33 | 4.2 | 5.6 | 2625 | 6.49 | 7.51 | 1312 | 4.19 | 4.60 | 870 | 3.05 | 3.32 | — | 8.4 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.82** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.33 | 4.8 | 6.4 | 2625 | 8.04 | 9.17 | 1312 | 5.22 | 5.65 | 870 | 3.79 | 4.06 | — | 7.3 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 |
| 1.35 | 3.4 | 4.6 | 2587 | 4.21 | 5.12 | 1293 | 2.77 | 3.17 | 857 | 2.05 | 2.31 | 7.3 | 9.8 | 11.9 | 13.4 | 15.4 | 17.4 | 19.9 |
| 1.35 | 4.0 | 5.4 | 2593 | 5.96 | 6.94 | 1296 | 3.85 | 4.26 | 859 | 2.81 | 3.07 | 6.2 | 8.7 | 10.7 | 12.2 | 14.3 | 16.3 | 18.8 |
| 1.35 | 4.6 | 6.2 | 2597 | 7.55 | 8.65 | 1298 | 4.89 | 5.31 | 861 | 3.55 | 3.82 | — | 7.6 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 |
| 1.35 | 5.2 | 7.0 | 2600 | 9.00 | 10.23 | 1300 | 5.90 | 6.34 | 862 | 4.28 | 4.55 | — | — | 8.5 | 10.0 | 12.0 | 14.0 | 16.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.36 | 4.4 | 6.0 | 2567 | 7.05 | 8.10 | 1283 | 4.55 | 4.97 | 851 | 3.31 | 3.57 | — | 7.9 | 9.9 | 11.5 | 13.5 | 15.5 | 18.0 |
| 1.36 | 5.6 | 7.6 | 2579 | 9.87 | 11.21 | 1289 | 6.55 | 7.01 | 855 | 4.76 | 5.03 | — | — | — | 9.2 | 11.2 | 13.2 | 15.8 |
| 1.36 | 6.6 | 9.0 | 2567 | 11.69 | 13.39 | 1283 | 8.13 | 8.64 | 851 | 5.92 | 6.21 | — | — | — | — | — | 11.3 | 13.8 |
| 1.37 | 3.2 | 4.4 | 2545 | 3.62 | 4.50 | 1273 | 2.42 | 2.81 | 844 | 1.80 | 2.06 | 7.7 | 10.2 | 12.2 | 13.7 | 15.7 | 17.7 | 20.2 |
| 1.37 | 3.8 | 5.2 | 2558 | 5.40 | 6.36 | 1279 | 3.50 | 3.91 | 848 | 2.56 | 2.82 | 6.5 | 9.1 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.37 | 4.8 | 6.6 | 2545 | 8.07 | 9.20 | 1273 | 5.23 | 5.67 | 844 | 3.80 | 4.07 | — | — | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 |
| 1.37 | 6.0 | 8.2 | 2561 | 10.67 | 12.14 | 1280 | 7.20 | 7.67 | 849 | 5.23 | 5.51 | — | — | — | — | 10.4 | 12.4 | 15.0 |
| 1.38 | 4.2 | 5.8 | 2534 | 6.53 | 7.54 | 1267 | 4.21 | 4.62 | 840 | 3.07 | 3.33 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 |
| 1.39 | 3.6 | 5.0 | 2520 | 4.84 | 5.76 | 1260 | 3.15 | 3.55 | 835 | 2.32 | 2.57 | 6.9 | 9.4 | 11.4 | 12.9 | 14.9 | 16.9 | 19.4 |
| 1.39 | 4.6 | 6.4 | 2516 | 7.58 | 8.67 | 1258 | 4.90 | 5.33 | 834 | 3.56 | 3.83 | — | 7.5 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.83** | **0.86** | **0.89** | **0.91** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 5.2 | 6.4 | 1.23 |
| 17.3 | 19.8 | 23.8 | 27.3 | 29.8 | 32.3 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 | 6.2 | 7.6 | 1.23 |
| 22.2 | 24.7 | 28.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 | 3.4 | 4.2 | 1.24 |
| 20.8 | 23.3 | 27.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 4.2 | 5.2 | 1.24 |
| 19.3 | 21.8 | 25.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.9 | 55.9 | 5.0 | 6.2 | 1.24 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 16.5 | 19.0 | 23.0 | 26.5 | 29.0 | 31.5 | 34.0 | 37.0 | 41.5 | 45.0 | 49.0 | 53.0 | 6.6 | 8.2 | 1.24 |
| 22.5 | 25.0 | 29.0 | 32.5 | 35.0 | 37.5 | 40.0 | 43.0 | 47.5 | 51.0 | 55.0 | 59.0 | 3.2 | 4.0 | 1.25 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 4.0 | 5.0 | 1.25 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 4.8 | 6.0 | 1.25 |
| 18.2 | 20.7 | 24.7 | 28.2 | 30.7 | 33.2 | 35.7 | 38.7 | 43.2 | 46.7 | 50.7 | 54.7 | 5.6 | 7.0 | 1.25 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 3.8 | 4.8 | 1.26 |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 4.6 | 5.8 | 1.26 |
| 22.8 | 25.3 | 29.3 | 32.8 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 | 3.0 | 3.8 | 1.27 |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 4.4 | 5.6 | 1.27 |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 | 5.2 | 6.6 | 1.27 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 17.5 | 20.0 | 24.0 | 27.5 | 30.0 | 32.5 | 35.0 | 38.0 | 42.5 | 46.0 | 50.0 | 54.0 | 6.0 | 7.6 | 1.27 |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 3.6 | 4.6 | 1.28 |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 5.0 | 6.4 | 1.28 |
| 16.7 | 19.2 | 23.2 | 26.7 | 29.2 | 31.7 | 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 6.4 | 8.2 | 1.28 |
| 22.0 | 24.5 | 28.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 | 3.4 | 4.4 | 1.29 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 4.2 | 5.4 | 1.29 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 4.8 | 6.2 | 1.29 |
| 15.6 | 18.1 | 22.1 | 25.6 | 28.1 | 30.6 | 33.1 | 36.1 | 40.6 | 44.1 | 48.1 | 52.1 | 7.0 | 9.0 | 1.29 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 4.0 | 5.2 | 1.30 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 4.6 | 6.0 | 1.30 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 18.4 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 5.4 | 7.0 | 1.30 |
| 22.3 | 24.8 | 28.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 | 3.2 | 4.2 | 1.31 |
| 17.6 | 20.1 | 24.1 | 27.6 | 30.1 | 32.6 | 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 | 5.8 | 7.6 | 1.31 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 3.8 | 5.0 | 1.32 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 4.4 | 5.8 | 1.32 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 5.0 | 6.6 | 1.32 |
| 16.8 | 19.3 | 23.3 | 26.8 | 29.3 | 31.8 | 34.3 | 37.3 | 41.8 | 45.3 | 49.3 | 53.3 | 6.2 | 8.2 | 1.32 |
| 22.6 | 25.1 | 29.1 | 32.6 | 35.1 | 37.6 | 40.1 | 43.1 | 47.6 | 51.1 | 55.1 | 59.2 | 3.0 | 4.0 | 1.33 |
| 21.5 | 24.0 | 28.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 | 3.6 | 4.8 | 1.33 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 4.2 | 5.6 | 1.33 |
| **0.94** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.3 | 21.8 | 25.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 | 4.8 | 6.4 | 1.33 |
| 21.9 | 24.4 | 28.4 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 3.4 | 4.6 | 1.35 |
| 20.8 | 23.3 | 27.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 4.0 | 5.4 | 1.35 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 4.6 | 6.2 | 1.35 |
| 18.5 | 21.0 | 25.1 | 28.6 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 | 5.2 | 7.0 | 1.35 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 4.4 | 6.0 | 1.36 |
| 17.8 | 20.3 | 24.3 | 27.8 | 30.3 | 32.8 | 35.3 | 38.3 | 42.8 | 46.3 | 50.3 | 54.3 | 5.6 | 7.6 | 1.36 |
| 15.9 | 18.4 | 22.4 | 25.9 | 28.4 | 30.9 | 33.4 | 36.4 | 40.9 | 44.4 | 48.4 | 52.4 | 6.6 | 9.0 | 1.36 |
| 22.2 | 24.7 | 28.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 | 3.2 | 4.4 | 1.37 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 3.8 | 5.2 | 1.37 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 4.8 | 6.6 | 1.37 |
| 17.0 | 19.5 | 23.5 | 27.0 | 29.5 | 32.0 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 | 6.0 | 8.2 | 1.37 |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 4.2 | 5.8 | 1.38 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 3.6 | 5.0 | 1.39 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 4.6 | 6.4 | 1.39 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.40 | 3.0 | 4.2 | 2500 | 3.01 | 3.87 | 1250 | 2.06 | 2.45 | 829 | 1.55 | 1.80 | 8.0 | 10.5 | 12.5 | 14.0 | 16.0 | 18.0 | 20.5 |
| 1.40 | 4.0 | 5.6 | 2500 | 5.99 | 6.97 | 1250 | 3.86 | 4.27 | 829 | 2.82 | 3.08 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| 1.40 | 5.0 | 7.0 | 2500 | 8.57 | 9.75 | 1250 | 5.58 | 6.02 | 829 | 4.05 | 4.32 | — | — | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 |
| 1.41 | 3.4 | 4.8 | 2479 | 4.25 | 5.15 | 1240 | 2.79 | 3.19 | 822 | 2.07 | 2.32 | 7.2 | 9.7 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| 1.41 | 4.4 | 6.2 | 2484 | 7.08 | 8.13 | 1242 | 4.56 | 4.98 | 823 | 3.32 | 3.58 | — | 7.8 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.84** | **0.86** | **0.89** | **0.92** |
| 1.41 | 5.4 | 7.6 | 2487 | 9.48 | 10.76 | 1243 | 6.25 | 6.70 | 824 | 4.53 | 4.80 | — | — | — | 9.4 | 11.4 | 13.4 | 15.9 |
| 1.41 | 5.8 | 8.2 | 2476 | 10.31 | 11.71 | 1238 | 6.89 | 7.36 | 820 | 5.01 | 5.28 | — | — | — | 8.6 | 10.6 | 12.6 | 15.1 |
| 1.41 | 6.4 | 9.0 | 2489 | 11.41 | 13.02 | 1244 | 7.84 | 8.33 | 825 | 5.71 | 5.99 | — | — | — | — | 9.5 | 11.5 | 14.0 |
| 1.42 | 3.8 | 5.4 | 2463 | 5.44 | 6.39 | 1231 | 3.52 | 3.92 | 816 | 2.58 | 2.83 | 6.4 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| 1.43 | 4.2 | 6.0 | 2450 | 6.56 | 7.57 | 1225 | 4.22 | 4.64 | 812 | 3.08 | 3.34 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.81** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.43 | 4.6 | 6.6 | 2439 | 7.61 | 8.69 | 1220 | 4.91 | 5.34 | 808 | 3.57 | 3.83 | — | 7.3 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 |
| 1.44 | 3.2 | 4.6 | 2435 | 3.66 | 4.54 | 1217 | 2.44 | 2.83 | 807 | 1.81 | 2.07 | 7.5 | 10.0 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 |
| 1.44 | 3.6 | 5.2 | 2423 | 4.87 | 5.79 | 1212 | 3.16 | 3.56 | 803 | 2.33 | 2.58 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.45 | 4.0 | 5.8 | 2414 | 6.02 | 7.00 | 1207 | 3.88 | 4.29 | 800 | 2.83 | 3.09 | — | 8.4 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 |
| 1.45 | 4.4 | 6.4 | 2406 | 7.10 | 8.15 | 1203 | 4.57 | 4.99 | 797 | 3.33 | 3.59 | — | 7.6 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.83** | **0.86** | **0.89** | **0.91** |
| 1.45 | 6.2 | 9.0 | 2411 | 11.08 | 12.62 | 1206 | 7.54 | 8.02 | 799 | 5.48 | 5.76 | — | — | — | — | 9.6 | 11.6 | 14.1 |
| 1.46 | 4.8 | 7.0 | 2400 | 8.12 | 9.25 | 1200 | 5.26 | 5.69 | 795 | 3.82 | 4.08 | — | — | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 |
| 1.46 | 5.2 | 7.6 | 2395 | 9.06 | 10.29 | 1197 | 5.93 | 6.37 | 794 | 4.30 | 4.57 | — | — | 8.0 | 9.5 | 11.5 | 13.5 | 16.1 |
| 1.46 | 5.6 | 8.2 | 2390 | 9.93 | 11.27 | 1195 | 6.58 | 7.04 | 792 | 4.78 | 5.05 | — | — | — | 8.7 | 10.7 | 12.7 | 15.3 |
| 1.47 | 3.0 | 4.4 | 2386 | 3.05 | 3.90 | 1193 | 2.08 | 2.47 | 791 | 1.56 | 1.81 | 7.8 | 10.3 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.83** | **0.86** | **0.89** | **0.92** |
| 1.47 | 3.4 | 5.0 | 2380 | 4.28 | 5.18 | 1190 | 2.81 | 3.21 | 789 | 2.08 | 2.33 | 7.0 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 |
| 1.47 | 3.8 | 5.6 | 2375 | 5.46 | 6.41 | 1187 | 3.53 | 3.93 | 787 | 2.58 | 2.84 | 6.2 | 8.7 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 |
| 1.48 | 4.2 | 6.2 | 2371 | 6.58 | 7.59 | 1185 | 4.24 | 4.65 | 786 | 3.09 | 3.34 | — | 7.9 | 9.9 | 11.4 | 13.4 | 15.4 | 18.0 |
| 1.50 | 3.2 | 4.8 | 2333 | 3.69 | 4.56 | 1167 | 2.45 | 2.84 | 773 | 1.82 | 2.08 | 7.3 | 9.8 | 11.8 | 13.3 | 15.3 | 17.3 | 19.9 |
| 1.50 | 3.6 | 5.4 | 2333 | 4.89 | 5.81 | 1167 | 3.18 | 3.58 | 773 | 2.33 | 2.59 | 6.5 | 9.0 | 11.0 | 12.5 | 14.6 | 16.6 | 19.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.81** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.50 | 4.0 | 6.0 | 2333 | 6.04 | 7.02 | 1167 | 3.89 | 4.30 | 773 | 2.84 | 3.10 | — | 8.2 | 10.2 | 11.8 | 13.8 | 15.8 | 18.3 |
| 1.50 | 4.4 | 6.6 | 2333 | 7.12 | 8.17 | 1167 | 4.59 | 5.00 | 773 | 3.34 | 3.60 | — | 7.4 | 9.4 | 11.0 | 13.0 | 15.0 | 17.5 |
| 1.50 | 6.0 | 9.0 | 2333 | 10.74 | 12.20 | 1167 | 7.23 | 7.71 | 773 | 5.26 | 5.53 | — | — | — | — | 9.8 | 11.8 | 14.3 |
| 1.51 | 7.0 | 10.6 | 2311 | 12.35 | 14.21 | 1156 | 8.77 | 9.30 | 766 | 6.41 | 6.70 | — | — | — | — | — | — | 12.2 |
| 1.52 | 4.2 | 6.4 | 2297 | 6.60 | 7.61 | 1148 | 4.24 | 4.65 | 761 | 3.09 | 3.35 | — | 7.7 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.77** | **0.80** | **0.83** | **0.85** | **0.88** | **0.91** |
| 1.52 | 4.6 | 7.0 | 2300 | 7.65 | 8.73 | 1150 | 4.93 | 5.35 | 762 | 3.58 | 3.85 | — | — | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 |
| 1.52 | 5.0 | 7.6 | 2303 | 8.63 | 9.80 | 1151 | 5.61 | 6.04 | 763 | 4.07 | 4.34 | — | — | 8.2 | 9.7 | 11.7 | 13.7 | 16.2 |
| 1.52 | 5.4 | 8.2 | 2305 | 9.53 | 10.81 | 1152 | 6.27 | 6.72 | 764 | 4.55 | 4.82 | — | — | — | 8.9 | 10.9 | 12.9 | 15.4 |
| 1.53 | 3.0 | 4.6 | 2283 | 3.07 | 3.93 | 1141 | 2.09 | 2.48 | 757 | 1.57 | 1.82 | 7.6 | 10.1 | 12.2 | 13.7 | 15.7 | 17.7 | 20.2 |
| 1.53 | 3.4 | 5.2 | 2288 | 4.31 | 5.20 | 1144 | 2.82 | 3.22 | 758 | 2.08 | 2.34 | 6.8 | 9.4 | 11.4 | 12.9 | 14.9 | 16.9 | 19.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.78** | **0.81** | **0.83** | **0.86** | **0.89** | **0.91** |
| 1.53 | 3.8 | 5.8 | 2293 | 5.49 | 6.43 | 1147 | 3.54 | 3.94 | 760 | 2.59 | 2.85 | — | 8.6 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 |
| 1.55 | 4.0 | 6.2 | 2258 | 6.06 | 7.04 | 1129 | 3.90 | 4.30 | 748 | 2.85 | 3.10 | — | 8.1 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| 1.55 | 5.8 | 9.0 | 2256 | 10.38 | 11.77 | 1128 | 6.93 | 7.39 | 748 | 5.03 | 5.30 | — | — | — | — | 9.9 | 11.9 | 14.4 |
| 1.56 | 3.2 | 5.0 | 2240 | 3.71 | 4.58 | 1120 | 2.46 | 2.85 | 742 | 1.83 | 2.08 | 7.2 | 9.7 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| 1.56 | 3.6 | 5.6 | 2250 | 4.92 | 5.83 | 1125 | 3.19 | 3.59 | 746 | 2.34 | 2.60 | 6.3 | 8.9 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.81** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.57 | 4.2 | 6.6 | 2227 | 6.62 | 7.62 | 1114 | 4.25 | 4.66 | 738 | 3.10 | 3.35 | — | 7.6 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 |
| 1.58 | 3.8 | 6.0 | 2217 | 5.50 | 6.45 | 1108 | 3.55 | 3.95 | 735 | 2.60 | 2.85 | — | 8.4 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 |
| 1.58 | 4.8 | 7.6 | 2211 | 8.17 | 9.29 | 1105 | 5.28 | 5.71 | 733 | 3.84 | 4.10 | — | — | 8.3 | 9.8 | 11.8 | 13.8 | 16.4 |
| 1.58 | 5.2 | 8.2 | 2220 | 9.11 | 10.33 | 1110 | 5.95 | 6.39 | 736 | 4.32 | 4.59 | — | — | — | 9.0 | 11.0 | 13.0 | 15.6 |
| 1.59 | 3.4 | 5.4 | 2204 | 4.33 | 5.22 | 1102 | 2.83 | 3.23 | 730 | 2.09 | 2.34 | 6.7 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.77** | **0.80** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.59 | 4.4 | 7.0 | 2200 | 7.15 | 8.20 | 1100 | 4.60 | 5.02 | 729 | 3.35 | 3.61 | — | — | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 |
| 1.60 | 3.0 | 4.8 | 2188 | 3.09 | 3.95 | 1094 | 2.10 | 2.49 | 725 | 1.58 | 1.83 | 7.5 | 10.0 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 |
| 1.60 | 4.0 | 6.4 | 2188 | 6.07 | 7.05 | 1094 | 3.91 | 4.31 | 725 | 2.85 | 3.11 | — | 7.9 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 |
| 1.61 | 3.6 | 5.8 | 2172 | 4.93 | 5.85 | 1086 | 3.20 | 3.59 | 720 | 2.35 | 2.60 | — | 8.7 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 |
| 1.61 | 5.6 | 9.0 | 2178 | 9.99 | 11.32 | 1089 | 6.61 | 7.07 | 722 | 4.80 | 5.07 | — | — | — | — | 10.0 | 12.1 | 14.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.81** | **0.83** | **0.86** | **0.88** | **0.91** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleass | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 22.5 | 25.0 | 29.0 | 32.5 | 35.0 | 37.5 | 40.0 | 43.0 | 47.5 | 51.0 | 55.0 | 59.0 | 3.0 | 4.2 | 1.40 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 4.0 | 5.6 | 1.40 |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 5.0 | 7.0 | 1.40 |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 3.4 | 4.8 | 1.41 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 4.4 | 6.2 | 1.41 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 17.9 | 20.4 | 24.4 | 27.9 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 5.4 | 7.6 | 1.41 |
| 17.1 | 19.6 | 23.6 | 27.1 | 29.6 | 32.1 | 34.6 | 37.6 | 42.1 | 45.6 | 49.6 | 53.6 | 5.8 | 8.2 | 1.41 |
| 16.0 | 18.5 | 22.5 | 26.0 | 28.5 | 31.0 | 33.5 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 | 6.4 | 9.0 | 1.41 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 3.8 | 5.4 | 1.42 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 4.2 | 6.0 | 1.43 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.3 | 21.8 | 25.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 | 4.6 | 6.6 | 1.43 |
| 22.0 | 24.5 | 28.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 | 3.2 | 4.6 | 1.44 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 3.6 | 5.2 | 1.44 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 4.0 | 5.8 | 1.45 |
| 19.6 | 22.1 | 26.1 | 29.7 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 | 4.4 | 6.4 | 1.45 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 16.2 | 18.7 | 22.7 | 26.2 | 28.7 | 31.2 | 33.7 | 36.7 | 41.2 | 44.7 | 48.7 | 52.7 | 6.2 | 9.0 | 1.45 |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 | 4.8 | 7.0 | 1.46 |
| 18.1 | 20.6 | 24.6 | 28.1 | 30.6 | 33.1 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 | 5.2 | 7.6 | 1.46 |
| 17.3 | 19.8 | 23.8 | 27.3 | 29.8 | 32.3 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 | 5.6 | 8.2 | 1.46 |
| 22.3 | 24.8 | 28.8 | 32.3 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 | 3.0 | 4.4 | 1.47 |
| **0.94** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 21.5 | 24.0 | 28.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 | 3.4 | 5.0 | 1.47 |
| 20.7 | 23.2 | 27.3 | 30.8 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 3.8 | 5.6 | 1.47 |
| 20.0 | 22.5 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 4.2 | 6.2 | 1.48 |
| 21.9 | 24.4 | 28.4 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 3.2 | 4.8 | 1.50 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 3.6 | 5.4 | 1.50 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 4.0 | 6.0 | 1.50 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 4.4 | 6.6 | 1.50 |
| 16.3 | 18.8 | 22.8 | 26.3 | 28.8 | 31.3 | 33.8 | 36.8 | 41.3 | 44.8 | 48.8 | 52.8 | 6.0 | 9.0 | 1.50 |
| 14.2 | 16.7 | 20.7 | 24.3 | 26.8 | 29.3 | 31.8 | 34.8 | 39.3 | 42.8 | 46.8 | 50.8 | 7.0 | 10.6 | 1.51 |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 4.2 | 6.4 | 1.52 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 4.6 | 7.0 | 1.52 |
| 18.2 | 20.7 | 24.7 | 28.2 | 30.7 | 33.2 | 35.7 | 38.7 | 43.2 | 46.7 | 50.7 | 54.7 | 5.0 | 7.6 | 1.52 |
| 17.4 | 19.9 | 23.9 | 27.4 | 29.9 | 32.4 | 34.9 | 37.9 | 42.4 | 45.9 | 49.9 | 54.0 | 5.4 | 8.2 | 1.52 |
| 22.2 | 24.7 | 28.7 | 32.2 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 | 3.0 | 4.6 | 1.53 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 3.4 | 5.2 | 1.53 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 3.8 | 5.8 | 1.53 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 4.0 | 6.2 | 1.55 |
| 16.4 | 19.0 | 23.0 | 26.5 | 29.0 | 31.5 | 34.0 | 37.0 | 41.5 | 45.0 | 49.0 | 53.0 | 5.8 | 9.0 | 1.55 |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 3.2 | 5.0 | 1.56 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 3.6 | 5.6 | 1.56 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.6 | 22.1 | 26.1 | 29.6 | 32.1 | 34.6 | 37.1 | 40.1 | 44.7 | 48.2 | 52.2 | 56.2 | 4.2 | 6.6 | 1.57 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 3.8 | 6.0 | 1.58 |
| 18.4 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 4.8 | 7.6 | 1.58 |
| 17.6 | 20.1 | 24.1 | 27.6 | 30.1 | 32.6 | 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 | 5.2 | 8.2 | 1.58 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 3.4 | 5.4 | 1.59 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 4.4 | 7.0 | 1.59 |
| 22.0 | 24.5 | 28.5 | 32.0 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 | 3.0 | 4.8 | 1.60 |
| 19.9 | 22.4 | 26.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 4.0 | 6.4 | 1.60 |
| 20.7 | 23.2 | 27.2 | 30.7 | 33.2 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 | 3.6 | 5.8 | 1.61 |
| 16.6 | 19.1 | 23.1 | 26.6 | 29.1 | 31.6 | 34.1 | 37.1 | 41.6 | 45.2 | 49.2 | 53.2 | 5.6 | 9.0 | 1.61 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.61 | 6.6 | 10.6 | 2179 | 11.81 | 13.49 | 1090 | 8.19 | 8.69 | 722 | 5.96 | 6.25 | — | — | — | — | — | — | 12.5 |
| 1.62 | 3.2 | 5.2 | 2154 | 3.72 | 4.60 | 1077 | 2.47 | 2.86 | 714 | 1.84 | 2.09 | 7.0 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 |
| 1.63 | 3.8 | 6.2 | 2145 | 5.52 | 6.46 | 1073 | 3.56 | 3.96 | 711 | 2.60 | 2.86 | — | 8.2 | 10.2 | 11.7 | 13.7 | 15.8 | 18.3 |
| 1.64 | 5.0 | 8.2 | 2134 | 8.66 | 9.83 | 1067 | 5.63 | 6.06 | 707 | 4.08 | 4.35 | — | — | — | 9.1 | 11.2 | 13.2 | 15.7 |
| 1.65 | 3.4 | 5.6 | 2125 | 4.34 | 5.24 | 1062 | 2.84 | 3.23 | 704 | 2.10 | 2.35 | 6.5 | 9.0 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.80** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.65 | 4.0 | 6.6 | 2121 | 6.09 | 7.06 | 1061 | 3.91 | 4.32 | 703 | 2.85 | 3.11 | — | 7.7 | 9.7 | 11.2 | 13.3 | 15.3 | 17.8 |
| 1.65 | 4.6 | 7.6 | 2118 | 7.69 | 8.77 | 1059 | 4.95 | 5.37 | 702 | 3.60 | 3.86 | — | — | 8.4 | 10.0 | 12.0 | 14.0 | 16.5 |
| 1.66 | 6.4 | 10.6 | 2113 | 11.50 | 13.10 | 1057 | 7.89 | 8.37 | 700 | 5.74 | 6.02 | — | — | — | — | — | 10.1 | 12.6 |
| 1.67 | 3.0 | 5.0 | 2100 | 3.11 | 3.96 | 1050 | 2.11 | 2.50 | 696 | 1.58 | 1.83 | 7.3 | 9.8 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 |
| 1.67 | 3.6 | 6.0 | 2100 | 4.95 | 5.86 | 1050 | 3.20 | 3.60 | 696 | 2.35 | 2.61 | — | 8.5 | 10.5 | 12.1 | 14.1 | 16.1 | 18.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.77** | **0.80** | **0.83** | **0.86** | **0.88** | **0.91** |
| 1.67 | 4.2 | 7.0 | 2100 | 6.64 | 7.65 | 1050 | 4.27 | 4.67 | 696 | 3.11 | 3.36 | — | 7.2 | 9.2 | 10.8 | 12.8 | 14.8 | 17.3 |
| 1.67 | 5.4 | 9.0 | 2100 | 9.58 | 10.85 | 1050 | 6.29 | 6.74 | 696 | 4.57 | 4.83 | — | — | — | — | 10.2 | 12.2 | 14.7 |
| 1.68 | 3.8 | 6.4 | 2078 | 5.53 | 6.47 | 1039 | 3.56 | 3.96 | 689 | 2.61 | 2.86 | — | 8.0 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 |
| 1.69 | 3.2 | 5.4 | 2074 | 3.74 | 4.61 | 1037 | 2.48 | 2.87 | 687 | 1.84 | 2.09 | 6.8 | 9.3 | 11.3 | 12.8 | 14.9 | 16.9 | 19.4 |
| 1.71 | 3.4 | 5.8 | 2052 | 4.36 | 5.25 | 1026 | 2.85 | 3.24 | 680 | 2.10 | 2.35 | 6.3 | 8.8 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.77** | **0.80** | **0.83** | **0.85** | **0.88** | **0.91** |
| 1.71 | 4.8 | 8.2 | 2049 | 8.20 | 9.32 | 1024 | 5.30 | 5.72 | 679 | 3.85 | 4.11 | — | — | — | 9.3 | 11.3 | 13.3 | 15.8 |
| 1.71 | 6.2 | 10.6 | 2047 | 11.17 | 12.69 | 1024 | 7.58 | 8.06 | 678 | 5.51 | 5.79 | — | — | — | — | — | 10.2 | 12.8 |
| 1.71 | 7.0 | 12.0 | 2042 | 12.41 | 14.26 | 1021 | 8.80 | 9.32 | 677 | 6.43 | 6.72 | — | — | — | — | — | — | — |
| 1.72 | 3.6 | 6.2 | 2032 | 4.96 | 5.87 | 1016 | 3.21 | 3.60 | 674 | 2.36 | 2.61 | — | 8.4 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 |
| 1.73 | 3.0 | 5.2 | 2019 | 3.12 | 3.97 | 1010 | 2.11 | 2.50 | 669 | 1.59 | 1.84 | 7.1 | 9.6 | 11.7 | 13.2 | 15.2 | 17.2 | 19.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.77** | **0.80** | **0.83** | **0.85** | **0.88** | **0.91** |
| 1.73 | 4.4 | 7.6 | 2026 | 7.19 | 8.23 | 1013 | 4.62 | 5.03 | 672 | 3.36 | 3.62 | — | — | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 |
| 1.73 | 5.2 | 9.0 | 2022 | 9.15 | 10.36 | 1011 | 5.97 | 6.41 | 670 | 4.33 | 4.60 | — | — | — | — | 10.3 | 12.4 | 14.9 |
| 1.74 | 3.8 | 6.6 | 2015 | 5.54 | 6.48 | 1008 | 3.57 | 3.97 | 668 | 2.61 | 2.86 | — | 7.9 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 |
| 1.75 | 3.2 | 5.6 | 2000 | 3.75 | 4.62 | 1000 | 2.48 | 2.88 | 663 | 1.85 | 2.10 | 6.6 | 9.2 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.75 | 4.0 | 7.0 | 2000 | 6.11 | 7.08 | 1000 | 3.92 | 4.33 | 663 | 2.86 | 3.12 | — | 7.4 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.76** | **0.80** | **0.82** | **0.85** | **0.88** | **0.91** |
| 1.76 | 3.4 | 6.0 | 1983 | 4.37 | 5.26 | 992 | 2.85 | 3.24 | 657 | 2.10 | 2.35 | — | 8.7 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 |
| 1.77 | 6.0 | 10.6 | 1981 | 10.81 | 12.27 | 991 | 7.27 | 7.74 | 657 | 5.28 | 5.55 | — | — | — | — | — | 10.4 | 12.9 |
| 1.78 | 3.6 | 6.4 | 1969 | 4.97 | 5.88 | 984 | 3.21 | 3.61 | 652 | 2.36 | 2.61 | — | 8.2 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 |
| 1.78 | 4.6 | 8.2 | 1963 | 7.71 | 8.79 | 982 | 4.97 | 5.38 | 651 | 3.61 | 3.86 | — | — | — | 9.4 | 11.5 | 13.5 | 16.0 |
| 1.80 | 3.0 | 5.4 | 1944 | 3.13 | 3.98 | 972 | 2.12 | 2.51 | 644 | 1.59 | 1.84 | 6.9 | 9.5 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.76** | **0.80** | **0.82** | **0.85** | **0.88** | **0.91** |
| 1.80 | 5.0 | 9.0 | 1944 | 8.69 | 9.86 | 972 | 5.64 | 6.07 | 644 | 4.09 | 4.36 | — | — | — | — | 10.5 | 12.5 | 15.0 |
| 1.81 | 3.2 | 5.8 | 1931 | 3.76 | 4.63 | 966 | 2.49 | 2.88 | 640 | 1.85 | 2.10 | 6.5 | 9.0 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 |
| 1.81 | 4.2 | 7.6 | 1934 | 6.67 | 7.67 | 967 | 4.28 | 4.69 | 641 | 3.11 | 3.37 | — | — | 8.7 | 10.2 | 12.3 | 14.3 | 16.8 |
| 1.82 | 3.4 | 6.2 | 1919 | 4.37 | 5.26 | 960 | 2.86 | 3.25 | 636 | 2.11 | 2.36 | — | 8.5 | 10.5 | 12.0 | 14.0 | 16.0 | 18.6 |
| 1.82 | 6.6 | 12.0 | 1925 | 11.85 | 13.53 | 962 | 8.21 | 8.71 | 638 | 5.98 | 6.26 | — | — | — | — | — | — | 11.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.76** | **0.80** | **0.82** | **0.85** | **0.88** | **0.91** |
| 1.83 | 3.6 | 6.6 | 1909 | 4.97 | 5.89 | 955 | 3.22 | 3.61 | 633 | 2.36 | 2.61 | — | 8.0 | 10.0 | 11.5 | 13.6 | 15.6 | 18.1 |
| 1.83 | 5.8 | 10.6 | 1915 | 10.44 | 11.82 | 958 | 6.96 | 7.42 | 635 | 5.05 | 5.32 | — | — | — | — | — | 10.5 | 13.0 |
| 1.84 | 3.8 | 7.0 | 1900 | 5.56 | 6.50 | 950 | 3.58 | 3.97 | 630 | 2.61 | 2.87 | — | 7.5 | 9.5 | 11.1 | 13.1 | 15.1 | 17.6 |
| 1.86 | 4.4 | 8.2 | 1878 | 7.21 | 8.24 | 939 | 4.63 | 5.04 | 622 | 3.36 | 3.62 | — | — | 8.0 | 9.6 | 11.6 | 13.6 | 16.1 |
| 1.87 | 3.0 | 5.6 | 1875 | 3.14 | 3.99 | 938 | 2.12 | 2.51 | 621 | 1.59 | 1.84 | 6.8 | 9.3 | 11.3 | 12.8 | 14.8 | 16.8 | 19.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.76** | **0.80** | **0.82** | **0.85** | **0.88** | **0.91** |
| 1.88 | 3.2 | 6.0 | 1867 | 3.77 | 4.64 | 933 | 2.49 | 2.88 | 619 | 1.85 | 2.10 | 6.3 | 8.8 | 10.8 | 12.3 | 14.4 | 16.4 | 18.9 |
| 1.88 | 3.4 | 6.4 | 1859 | 4.38 | 5.27 | 930 | 2.86 | 3.25 | 616 | 2.11 | 2.36 | — | 8.3 | 10.3 | 11.9 | 13.9 | 15.9 | 18.4 |
| 1.88 | 4.8 | 9.0 | 1867 | 8.22 | 9.34 | 933 | 5.31 | 5.74 | 619 | 3.85 | 4.11 | — | — | — | 8.6 | 10.6 | 12.6 | 15.2 |
| 1.88 | 6.4 | 12.0 | 1867 | 11.54 | 13.13 | 933 | 7.90 | 8.39 | 619 | 5.75 | 6.03 | — | — | — | — | — | — | 11.4 |
| 1.89 | 5.6 | 10.6 | 1849 | 10.04 | 11.36 | 925 | 6.64 | 7.09 | 613 | 4.81 | 5.08 | — | — | — | — | — | 10.6 | 13.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.76** | **0.79** | **0.82** | **0.85** | **0.88** | **0.91** |
| 1.89 | 7.0 | 13.2 | 1856 | 12.43 | 14.28 | 928 | 8.82 | 9.34 | 615 | 6.43 | 6.73 | — | — | — | — | — | — | — |
| 1.90 | 4.0 | 7.6 | 1842 | 6.13 | 7.10 | 921 | 3.93 | 4.34 | 611 | 2.87 | 3.12 | — | — | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 |
| 1.93 | 3.0 | 5.8 | 1810 | 3.15 | 4.00 | 905 | 2.13 | 2.51 | 600 | 1.59 | 1.84 | 6.6 | 9.1 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 |
| 1.94 | 3.2 | 6.2 | 1806 | 3.78 | 4.64 | 903 | 2.50 | 2.89 | 599 | 1.85 | 2.10 | — | 8.6 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 |
| 1.94 | 3.4 | 6.6 | 1803 | 4.39 | 5.28 | 902 | 2.86 | 3.25 | 598 | 2.11 | 2.36 | — | 8.1 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.76** | **0.80** | **0.82** | **0.85** | **0.88** | **0.91** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 14.5 | 17.0 | 21.0 | 24.6 | 27.1 | 29.6 | 32.1 | 35.1 | 39.6 | 43.1 | 47.1 | 51.1 | 6.6 | 10.6 | 1.61 |
| 21.5 | 24.0 | 28.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 | 3.2 | 5.2 | 1.62 |
| 20.3 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 3.8 | 6.2 | 1.63 |
| 17.7 | 20.2 | 24.2 | 27.7 | 30.2 | 32.7 | 35.2 | 38.2 | 42.8 | 46.3 | 50.3 | 54.3 | 5.0 | 8.2 | 1.64 |
| 21.1 | 23.6 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 3.4 | 5.6 | 1.65 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 4.0 | 6.6 | 1.65 |
| 18.5 | 21.0 | 25.0 | 28.5 | 31.0 | 33.5 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 | 4.6 | 7.6 | 1.65 |
| 14.6 | 17.2 | 21.2 | 24.7 | 27.2 | 29.7 | 32.2 | 35.2 | 39.7 | 43.2 | 47.3 | 51.3 | 6.4 | 10.6 | 1.66 |
| 21.8 | 24.3 | 28.3 | 31.9 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 | 3.0 | 5.0 | 1.67 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 3.6 | 6.0 | 1.67 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.17** | | | |
| 19.3 | 21.8 | 25.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 | 4.2 | 7.0 | 1.67 |
| 16.7 | 19.3 | 23.3 | 26.8 | 29.3 | 31.8 | 34.3 | 37.3 | 41.8 | 45.3 | 49.3 | 53.3 | 5.4 | 9.0 | 1.67 |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 3.8 | 6.4 | 1.68 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 3.2 | 6.4 | 1.69 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 3.4 | 5.8 | 1.71 |
| **0.93** | **0.95** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 17.9 | 20.4 | 24.4 | 27.9 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 4.8 | 8.2 | 1.71 |
| 14.8 | 17.3 | 21.3 | 24.9 | 27.4 | 29.9 | 32.4 | 35.4 | 39.9 | 43.4 | 47.4 | 51.4 | 6.2 | 10.6 | 1.71 |
| 13.0 | 15.5 | 19.6 | 23.1 | 25.6 | 28.1 | 30.6 | 33.6 | 38.1 | 41.7 | 45.7 | 49.7 | 7.0 | 12.0 | 1.71 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 3.6 | 6.2 | 1.72 |
| 21.7 | 24.2 | 28.2 | 31.7 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 | 3.0 | 5.2 | 1.73 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 18.7 | 21.2 | 25.2 | 28.7 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 4.4 | 7.6 | 1.73 |
| 16.9 | 19.4 | 23.4 | 26.9 | 29.4 | 31.9 | 34.4 | 37.4 | 42.0 | 45.5 | 49.5 | 53.5 | 5.2 | 9.0 | 1.73 |
| 19.9 | 22.4 | 26.4 | 29.9 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 | 3.8 | 6.6 | 1.74 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 3.2 | 5.6 | 1.75 |
| 19.5 | 22.0 | 26.0 | 29.5 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 4.0 | 7.0 | 1.75 |
| **0.93** | **0.95** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 20.7 | 23.2 | 27.2 | 30.7 | 33.2 | 35.7 | 38.2 | 41.2 | 45.7 | 49.3 | 53.3 | 57.3 | 3.4 | 6.0 | 1.76 |
| 14.9 | 17.5 | 21.5 | 25.0 | 27.5 | 30.0 | 32.5 | 35.5 | 40.0 | 43.6 | 47.6 | 51.6 | 6.0 | 10.6 | 1.77 |
| 20.2 | 22.8 | 26.8 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 3.6 | 6.4 | 1.78 |
| 18.0 | 20.5 | 24.5 | 28.0 | 30.5 | 33.0 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 | 4.6 | 8.2 | 1.78 |
| 21.5 | 24.0 | 28.0 | 31.5 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 | 3.0 | 5.4 | 1.80 |
| **0.93** | **0.95** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 17.0 | 19.6 | 23.6 | 27.1 | 29.6 | 32.1 | 34.6 | 37.6 | 42.1 | 45.6 | 49.6 | 53.6 | 5.0 | 9.0 | 1.80 |
| 21.0 | 23.5 | 27.6 | 31.1 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 3.2 | 5.8 | 1.81 |
| 18.8 | 21.3 | 25.3 | 28.8 | 31.3 | 33.8 | 36.3 | 39.3 | 43.8 | 47.4 | 51.4 | 55.4 | 4.2 | 7.6 | 1.81 |
| 20.6 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 3.4 | 6.2 | 1.82 |
| 13.3 | 15.8 | 19.9 | 23.4 | 25.9 | 28.4 | 30.9 | 33.9 | 38.4 | 42.0 | 46.0 | 50.0 | 6.6 | 12.0 | 1.82 |
| **0.93** | **0.95** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 20.1 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 3.6 | 6.6 | 1.83 |
| 15.1 | 17.6 | 21.6 | 25.2 | 27.7 | 30.2 | 32.7 | 35.7 | 40.2 | 43.7 | 47.7 | 51.7 | 5.8 | 10.6 | 1.83 |
| 19.6 | 22.1 | 26.1 | 29.6 | 32.1 | 34.6 | 37.1 | 40.1 | 44.6 | 48.1 | 52.1 | 56.1 | 3.8 | 7.0 | 1.84 |
| 18.2 | 20.7 | 24.7 | 28.2 | 30.7 | 33.2 | 35.7 | 38.7 | 43.2 | 46.7 | 50.7 | 54.7 | 4.4 | 8.2 | 1.86 |
| 21.4 | 23.9 | 27.9 | 31.4 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 | 3.0 | 5.6 | 1.87 |
| **0.93** | **0.95** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 3.2 | 6.0 | 1.88 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 3.4 | 6.4 | 1.88 |
| 17.2 | 19.7 | 23.7 | 27.2 | 29.7 | 32.2 | 34.7 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 | 4.8 | 9.0 | 1.88 |
| 13.4 | 16.0 | 20.0 | 23.5 | 26.0 | 28.6 | 31.1 | 34.1 | 38.6 | 42.1 | 46.1 | 50.1 | 6.4 | 12.0 | 1.88 |
| 15.2 | 17.8 | 21.8 | 25.3 | 27.8 | 30.3 | 32.8 | 35.8 | 40.3 | 43.9 | 47.9 | 51.9 | 5.6 | 10.6 | 1.89 |
| **0.93** | **0.95** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |
| 11.9 | 14.5 | 18.5 | 22.1 | 24.6 | 27.1 | 29.6 | 32.6 | 37.2 | 40.7 | 44.7 | 48.7 | 7.0 | 13.2 | 1.89 |
| 19.0 | 21.5 | 25.5 | 29.0 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 4.0 | 7.6 | 1.90 |
| 21.2 | 23.7 | 27.7 | 31.2 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 | 3.0 | 5.8 | 1.93 |
| 20.7 | 23.2 | 27.2 | 30.7 | 33.2 | 35.7 | 38.2 | 41.2 | 45.7 | 49.2 | 53.2 | 57.2 | 3.2 | 6.2 | 1.94 |
| 20.2 | 22.7 | 26.7 | 30.3 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 3.4 | 6.6 | 1.94 |
| **0.93** | **0.95** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.11** | **1.13** | **1.15** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 1.94 | 3.6 | 7.0 | 1800 | 4.98 | 5.90 | 900 | 3.22 | 3.62 | 597 | 2.37 | 2.62 | — | 7.6 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 |
| 1.94 | 6.2 | 12.8 | 1808 | 11.20 | 12.72 | 904 | 7.59 | 8.07 | 599 | 5.52 | 5.80 | — | — | — | — | — | — | 11.5 |
| 1.95 | 4.2 | 8.2 | 1793 | 6.68 | 7.68 | 896 | 4.29 | 4.69 | 594 | 3.12 | 3.37 | — | — | 8.2 | 9.7 | 11.7 | 13.8 | 16.3 |
| 1.96 | 4.6 | 9.0 | 1789 | 7.73 | 8.81 | 894 | 4.98 | 5.39 | 593 | 3.61 | 3.87 | — | — | — | 8.7 | 10.7 | 12.8 | 15.3 |
| 1.96 | 5.4 | 10.6 | 1783 | 9.62 | 10.89 | 892 | 6.31 | 6.76 | 591 | 4.58 | 4.85 | — | — | — | — | — | 10.8 | 13.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.74** | **0.78** | **0.81** | **0.84** | **0.87** | **0.90** |
| 2.00 | 3.0 | 6.0 | 1750 | 3.16 | 4.00 | 875 | 2.13 | 2.52 | 580 | 1.60 | 1.85 | 6.4 | 9.0 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 |
| 2.00 | 3.2 | 6.4 | 1750 | 3.78 | 4.65 | 875 | 2.50 | 2.89 | 580 | 1.86 | 2.11 | — | 8.5 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 |
| 2.00 | 3.8 | 7.6 | 1750 | 5.57 | 6.51 | 875 | 3.58 | 3.98 | 580 | 2.62 | 2.87 | — | — | 9.0 | 10.5 | 12.6 | 14.6 | 17.1 |
| 2.00 | 6.0 | 12.0 | 1750 | 10.84 | 12.29 | 875 | 7.28 | 7.75 | 580 | 5.29 | 5.56 | — | — | — | — | — | — | 11.6 |
| 2.00 | 6.6 | 13.2 | 1750 | 11.87 | 13.54 | 875 | 8.22 | 8.71 | 580 | 5.98 | 6.27 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.69** | **0.75** | **0.79** | **0.82** | **0.85** | **0.87** | **0.90** |
| 2.04 | 5.2 | 10.6 | 1717 | 9.18 | 10.40 | 858 | 5.99 | 6.42 | 569 | 4.34 | 4.61 | — | — | — | — | — | 10.9 | 13.5 |
| 2.05 | 4.0 | 8.2 | 1707 | 6.14 | 7.11 | 854 | 3.94 | 4.34 | 566 | 2.87 | 3.13 | — | — | 8.3 | 9.8 | 11.9 | 13.9 | 16.4 |
| 2.05 | 4.4 | 9.0 | 1711 | 7.22 | 8.26 | 856 | 4.64 | 5.05 | 567 | 3.37 | 3.63 | — | — | — | 8.8 | 10.9 | 12.9 | 15.5 |
| 2.06 | 3.2 | 6.6 | 1697 | 3.79 | 4.65 | 848 | 2.50 | 2.89 | 562 | 1.86 | 2.11 | — | 8.3 | 10.3 | 11.8 | 13.8 | 15.9 | 18.4 |
| 2.06 | 3.4 | 7.0 | 1700 | 4.40 | 5.29 | 850 | 2.87 | 3.26 | 563 | 2.11 | 2.36 | — | 7.8 | 9.8 | 11.3 | 13.4 | 15.4 | 17.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.75** | **0.79** | **0.81** | **0.84** | **0.87** | **0.90** |
| 2.06 | 6.4 | 13.2 | 1697 | 11.55 | 13.15 | 848 | 7.91 | 8.40 | 562 | 5.75 | 6.03 | — | — | — | — | — | — | — |
| 2.07 | 3.0 | 6.2 | 1694 | 3.16 | 4.01 | 847 | 2.13 | 2.52 | 561 | 1.60 | 1.85 | 6.2 | 8.8 | 10.8 | 12.3 | 14.3 | 16.3 | 18.9 |
| 2.07 | 5.8 | 12.0 | 1692 | 10.46 | 11.84 | 846 | 6.97 | 7.43 | 561 | 5.06 | 5.33 | — | — | — | — | — | — | 11.8 |
| 2.11 | 3.6 | 7.6 | 1658 | 5.00 | 5.91 | 829 | 3.23 | 3.62 | 549 | 2.37 | 2.62 | — | — | 9.1 | 10.7 | 12.7 | 14.7 | 17.2 |
| 2.12 | 5.0 | 10.6 | 1651 | 8.72 | 9.89 | 825 | 5.66 | 6.09 | 547 | 4.10 | 4.37 | — | — | — | — | — | 11.0 | 13.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.69** | **0.75** | **0.79** | **0.82** | **0.85** | **0.87** | **0.90** |
| 2.13 | 3.0 | 6.4 | 1641 | 3.16 | 4.01 | 820 | 2.14 | 2.52 | 544 | 1.60 | 1.85 | — | 8.6 | 10.6 | 12.1 | 14.2 | 16.2 | 18.7 |
| 2.13 | 6.2 | 13.2 | 1644 | 11.21 | 12.73 | 822 | 7.60 | 8.08 | 545 | 5.52 | 5.80 | — | — | — | — | — | — | — |
| 2.14 | 4.2 | 9.0 | 1633 | 6.70 | 7.70 | 817 | 4.29 | 4.70 | 541 | 3.12 | 3.38 | — | — | — | 9.0 | 11.0 | 13.1 | 15.6 |
| 2.14 | 5.6 | 12.0 | 1633 | 10.06 | 11.38 | 817 | 6.65 | 7.10 | 541 | 4.82 | 5.09 | — | — | — | — | — | — | 11.9 |
| 2.14 | 7.0 | 15.0 | 1633 | 12.45 | 14.30 | 817 | 8.83 | 9.35 | 541 | 6.44 | 6.73 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.75** | **0.79** | **0.81** | **0.84** | **0.87** | **0.90** |
| 2.16 | 3.8 | 8.2 | 1622 | 5.58 | 6.52 | 811 | 3.59 | 3.99 | 538 | 2.62 | 2.88 | — | — | 8.4 | 10.0 | 12.0 | 14.1 | 16.6 |
| 2.19 | 3.2 | 7.0 | 1600 | 3.79 | 4.66 | 800 | 2.51 | 2.89 | 530 | 1.86 | 2.11 | — | 7.9 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 |
| 2.20 | 3.0 | 6.6 | 1591 | 3.17 | 4.01 | 795 | 2.14 | 2.52 | 527 | 1.60 | 1.85 | — | 8.4 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 |
| 2.20 | 6.0 | 13.2 | 1591 | 10.85 | 12.30 | 795 | 7.29 | 7.76 | 527 | 5.29 | 5.57 | — | — | — | — | — | — | — |
| 2.21 | 4.8 | 10.6 | 1585 | 8.25 | 9.37 | 792 | 5.32 | 5.75 | 525 | 3.86 | 4.12 | — | — | — | — | — | 11.2 | 13.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.74** | **0.78** | **0.81** | **0.84** | **0.87** | **0.90** |
| 2.22 | 5.4 | 12.0 | 1575 | 9.64 | 10.90 | 787 | 6.32 | 6.77 | 522 | 4.58 | 4.85 | — | — | — | — | — | — | 12.0 |
| 2.23 | 7.0 | 15.6 | 1571 | 12.46 | 14.31 | 785 | 8.83 | 9.35 | 521 | 6.44 | 6.73 | — | — | — | — | — | — | — |
| 2.24 | 3.4 | 7.6 | 1566 | 4.41 | 5.29 | 783 | 2.87 | 3.26 | 519 | 2.12 | 2.37 | — | 7.2 | 9.3 | 10.8 | 12.8 | 14.9 | 17.4 |
| 2.25 | 4.0 | 9.0 | 1556 | 6.15 | 7.12 | 778 | 3.94 | 4.35 | 516 | 2.88 | 3.13 | — | — | — | 9.1 | 11.2 | 13.2 | 15.7 |
| 2.27 | 6.6 | 15.0 | 1540 | 11.88 | 13.56 | 770 | 8.22 | 8.72 | 510 | 5.99 | 6.27 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.72** | **0.77** | **0.80** | **0.83** | **0.86** | **0.89** |
| 2.28 | 3.6 | 8.2 | 1537 | 5.01 | 5.92 | 768 | 3.23 | 3.63 | 509 | 2.37 | 2.62 | — | — | 8.6 | 10.1 | 12.2 | 14.2 | 16.7 |
| 2.28 | 5.8 | 13.2 | 1538 | 10.47 | 11.86 | 769 | 6.97 | 7.43 | 510 | 5.06 | 5.33 | — | — | — | — | — | — | — |
| 2.30 | 4.6 | 10.6 | 1519 | 7.75 | 8.83 | 759 | 4.99 | 5.40 | 503 | 3.62 | 3.88 | — | — | — | — | 9.2 | 11.3 | 13.9 |
| 2.31 | 5.2 | 12.0 | 1517 | 9.20 | 10.41 | 758 | 6.00 | 6.43 | 503 | 4.35 | 4.61 | — | — | — | — | — | — | 12.2 |
| 2.33 | 3.0 | 7.0 | 1500 | 3.17 | 4.02 | 750 | 2.14 | 2.53 | 497 | 1.60 | 1.85 | — | 8.0 | 10.1 | 11.6 | 13.6 | 15.7 | 18.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.73** | **0.78** | **0.80** | **0.84** | **0.86** | **0.90** |
| 2.34 | 6.4 | 15.0 | 1493 | 11.57 | 13.16 | 747 | 7.92 | 8.40 | 495 | 5.76 | 6.04 | — | — | — | — | — | — | — |
| 2.36 | 5.6 | 13.2 | 1485 | 10.07 | 11.39 | 742 | 6.65 | 7.10 | 492 | 4.82 | 5.09 | — | — | — | — | — | — | — |
| 2.36 | 6.6 | 15.6 | 1481 | 11.89 | 13.56 | 740 | 8.23 | 8.72 | 491 | 5.99 | 6.27 | — | — | — | — | — | — | — |
| 2.37 | 3.2 | 7.6 | 1474 | 3.80 | 4.67 | 737 | 2.51 | 2.90 | 488 | 1.86 | 2.11 | — | 7.3 | 9.4 | 10.9 | 13.0 | 15.0 | 17.5 |
| 2.37 | 3.8 | 9.0 | 1478 | 5.59 | 6.53 | 739 | 3.59 | 3.99 | 490 | 2.63 | 2.88 | — | — | — | 9.2 | 11.3 | 13.3 | 15.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.72** | **0.77** | **0.80** | **0.83** | **0.86** | **0.89** |
| 2.40 | 5.0 | 12.0 | 1458 | 8.74 | 9.90 | 729 | 5.66 | 6.09 | 483 | 4.11 | 4.37 | — | — | — | — | — | — | 12.3 |
| 2.41 | 3.4 | 8.2 | 1451 | 4.42 | 5.30 | 726 | 2.88 | 3.27 | 481 | 2.12 | 2.37 | — | — | 8.7 | 10.3 | 12.3 | 14.3 | 16.9 |
| 2.41 | 4.4 | 10.6 | 1453 | 7.24 | 8.28 | 726 | 4.65 | 5.06 | 482 | 3.37 | 3.63 | — | — | — | — | 9.4 | 11.4 | 14.0 |
| 2.42 | 6.2 | 15.0 | 1447 | 11.23 | 12.75 | 723 | 7.61 | 8.08 | 479 | 5.53 | 5.81 | — | — | — | — | — | — | — |
| 2.44 | 5.4 | 13.2 | 1432 | 9.65 | 10.91 | 716 | 6.33 | 6.77 | 475 | 4.59 | 4.85 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.76** | **0.79** | **0.82** | **0.85** | **0.89** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| 19.8 | 22.3 | 26.3 | 29.8 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 3.6 | 7.0 | 1.94 |
| 13.5 | 16.1 | 20.1 | 23.7 | 26.2 | 28.7 | 31.2 | 34.2 | 38.7 | 42.3 | 46.3 | 50.3 | 6.2 | 12.0 | 1.94 |
| 18.3 | 20.8 | 24.8 | 28.3 | 30.8 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 | 4.2 | 8.2 | 1.95 |
| 17.3 | 19.8 | 23.9 | 27.4 | 29.9 | 32.4 | 34.9 | 37.9 | 42.4 | 45.9 | 49.9 | 53.9 | 4.6 | 9.0 | 1.96 |
| 15.4 | 17.9 | 21.9 | 25.5 | 28.0 | 30.5 | 33.0 | 36.0 | 40.5 | 44.0 | 48.0 | 52.0 | 5.4 | 10.6 | 1.96 |
| **0.92** | **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 21.0 | 23.5 | 27.5 | 31.0 | 33.5 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 3.0 | 6.0 | 2.00 |
| 20.5 | 23.1 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 3.2 | 6.4 | 2.00 |
| 19.1 | 21.6 | 25.6 | 29.1 | 31.6 | 34.1 | 36.6 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 | 3.8 | 7.6 | 2.00 |
| 13.7 | 16.2 | 20.3 | 23.8 | 26.3 | 28.9 | 31.4 | 34.4 | 38.9 | 42.4 | 46.4 | 50.4 | 6.0 | 12.0 | 2.00 |
| 12.2 | 14.7 | 18.8 | 22.4 | 24.9 | 27.4 | 29.9 | 32.9 | 37.5 | 41.0 | 45.0 | 49.0 | 6.6 | 13.2 | 2.00 |
| **0.93** | **0.95** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.11** | **1.13** | **1.14** | **1.16** | | | |
| 15.5 | 18.0 | 22.1 | 25.6 | 28.1 | 30.6 | 33.1 | 36.1 | 40.7 | 44.2 | 48.2 | 52.2 | 5.2 | 10.6 | 2.04 |
| 18.4 | 21.0 | 25.0 | 28.5 | 31.0 | 33.5 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 | 4.0 | 8.2 | 2.05 |
| 17.5 | 20.0 | 24.0 | 27.5 | 30.0 | 32.5 | 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 | 4.4 | 9.0 | 2.05 |
| 20.4 | 22.9 | 26.9 | 30.4 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 | 3.2 | 6.6 | 2.06 |
| 19.9 | 22.4 | 26.4 | 29.9 | 32.4 | 34.9 | 37.4 | 40.4 | 44.9 | 48.4 | 52.5 | 56.5 | 3.4 | 7.0 | 2.06 |
| **0.92** | **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 12.3 | 14.9 | 19.0 | 22.5 | 25.0 | 27.5 | 30.1 | 33.1 | 37.6 | 41.1 | 45.1 | 49.1 | 6.4 | 13.2 | 2.06 |
| 20.9 | 23.4 | 27.4 | 30.9 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 | 3.0 | 6.2 | 2.07 |
| 13.8 | 16.4 | 20.4 | 24.0 | 26.5 | 29.0 | 31.5 | 34.5 | 39.0 | 42.6 | 46.6 | 50.6 | 5.8 | 12.0 | 2.07 |
| 19.2 | 21.8 | 25.8 | 29.3 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 | 3.6 | 7.6 | 2.11 |
| 15.6 | 18.2 | 22.2 | 25.7 | 28.3 | 30.8 | 33.3 | 36.3 | 40.8 | 44.3 | 48.3 | 52.3 | 5.0 | 10.6 | 2.12 |
| **0.92** | **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 20.7 | 23.2 | 27.2 | 30.7 | 33.2 | 35.7 | 38.2 | 41.2 | 45.7 | 49.2 | 53.2 | 57.2 | 3.0 | 6.4 | 2.13 |
| 12.4 | 15.0 | 19.1 | 22.6 | 25.2 | 27.7 | 30.2 | 33.2 | 37.8 | 41.3 | 45.3 | 49.3 | 6.2 | 13.2 | 2.13 |
| 17.6 | 20.1 | 24.2 | 27.7 | 30.2 | 32.7 | 35.2 | 38.2 | 42.7 | 46.2 | 50.2 | 54.2 | 4.2 | 9.0 | 2.14 |
| 14.0 | 16.5 | 20.6 | 24.1 | 26.6 | 29.2 | 31.7 | 34.7 | 39.2 | 42.7 | 46.7 | 50.7 | 5.6 | 12.0 | 2.14 |
| — | 12.7 | 16.9 | 20.5 | 23.0 | 25.6 | 28.1 | 31.1 | 35.6 | 39.2 | 43.2 | 47.2 | 7.0 | 15.0 | 2.14 |
| **0.92** | **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.11** | **1.12** | **1.14** | **1.16** | | | |
| 18.6 | 21.1 | 25.1 | 28.6 | 31.1 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 3.8 | 8.2 | 2.16 |
| 20.0 | 22.6 | 26.6 | 30.1 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 | 3.2 | 7.0 | 2.19 |
| 20.5 | 23.0 | 27.1 | 30.6 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 | 3.0 | 6.6 | 2.20 |
| 12.6 | 15.1 | 19.2 | 22.8 | 25.3 | 27.8 | 30.4 | 33.4 | 37.9 | 41.4 | 45.4 | 49.4 | 6.0 | 13.2 | 2.20 |
| 15.8 | 18.3 | 22.4 | 25.9 | 28.4 | 30.9 | 33.4 | 36.4 | 41.0 | 44.5 | 48.5 | 52.5 | 4.8 | 10.6 | 2.21 |
| **0.92** | **0.94** | **0.98** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 14.1 | 16.7 | 20.7 | 24.3 | 26.8 | 29.3 | 31.8 | 34.8 | 39.3 | 42.9 | 46.9 | 50.9 | 5.4 | 12.0 | 2.22 |
| — | — | 16.3 | 19.9 | 22.5 | 25.0 | 27.6 | 30.6 | 35.1 | 38.7 | 42.7 | 46.7 | 7.0 | 15.6 | 2.23 |
| 19.4 | 21.9 | 25.9 | 29.4 | 31.9 | 34.4 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 3.4 | 7.6 | 2.24 |
| 17.8 | 20.3 | 24.3 | 27.8 | 30.3 | 32.8 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 4.0 | 9.0 | 2.25 |
| — | 13.0 | 17.2 | 20.8 | 23.3 | 25.8 | 28.4 | 31.4 | 35.9 | 39.5 | 43.5 | 47.5 | 6.6 | 15.0 | 2.27 |
| **0.92** | **0.94** | **0.98** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 18.7 | 21.3 | 25.3 | 28.8 | 31.3 | 33.8 | 36.3 | 39.3 | 43.8 | 47.3 | 51.3 | 55.3 | 3.6 | 8.2 | 2.28 |
| 12.7 | 15.3 | 19.4 | 22.9 | 25.5 | 28.0 | 30.5 | 33.5 | 38.0 | 41.6 | 45.6 | 49.6 | 5.8 | 13.2 | 2.28 |
| 15.9 | 18.5 | 22.5 | 26.0 | 28.6 | 31.1 | 33.6 | 36.6 | 41.1 | 44.6 | 48.6 | 52.6 | 4.6 | 10.6 | 2.30 |
| 14.2 | 16.8 | 20.9 | 24.4 | 26.9 | 29.4 | 32.0 | 35.0 | 39.5 | 43.0 | 47.0 | 51.0 | 5.2 | 12.0 | 2.31 |
| 20.2 | 22.7 | 26.7 | 30.2 | 32.7 | 35.2 | 37.7 | 40.7 | 45.3 | 48.8 | 52.8 | 56.8 | 3.0 | 7.0 | 2.33 |
| **0.92** | **0.94** | **0.98** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | 13.1 | 17.3 | 20.9 | 23.4 | 26.0 | 28.5 | 31.5 | 36.1 | 39.6 | 43.6 | 47.6 | 6.4 | 15.0 | 2.34 |
| 12.8 | 15.4 | 19.5 | 23.1 | 25.6 | 28.1 | 30.6 | 33.7 | 38.2 | 41.7 | 45.7 | 49.7 | 5.6 | 13.2 | 2.36 |
| — | — | 16.6 | 20.2 | 22.8 | 25.3 | 27.9 | 30.9 | 35.4 | 39.0 | 43.0 | 47.0 | 6.6 | 15.6 | 2.36 |
| 19.5 | 22.1 | 26.1 | 29.6 | 32.1 | 34.6 | 37.1 | 40.1 | 44.6 | 48.1 | 52.1 | 56.1 | 3.2 | 7.6 | 2.37 |
| 17.9 | 20.4 | 24.5 | 28.0 | 30.5 | 33.0 | 35.5 | 38.5 | 43.0 | 46.5 | 50.5 | 54.5 | 3.8 | 9.0 | 2.37 |
| **0.91** | **0.94** | **0.98** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| 14.4 | 16.9 | 21.0 | 24.5 | 27.1 | 29.6 | 32.1 | 35.1 | 39.6 | 43.2 | 47.2 | 51.2 | 5.0 | 12.0 | 2.40 |
| 18.9 | 21.4 | 25.4 | 28.9 | 31.4 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 | 3.4 | 8.2 | 2.41 |
| 16.1 | 18.6 | 22.7 | 26.2 | 28.7 | 31.2 | 33.7 | 36.7 | 41.3 | 44.8 | 48.8 | 52.8 | 4.4 | 10.6 | 2.41 |
| — | 13.3 | 17.4 | 21.0 | 23.6 | 26.1 | 28.7 | 31.7 | 36.2 | 39.8 | 43.8 | 47.8 | 6.2 | 15.0 | 2.42 |
| 13.0 | 15.6 | 19.7 | 23.2 | 25.7 | 28.3 | 30.8 | 33.8 | 38.3 | 41.9 | 45.9 | 49.9 | 5.4 | 13.2 | 2.44 |
| **0.91** | **0.94** | **0.97** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 2.44 | 6.4 | 15.6 | 1436 | 11.57 | 13.16 | 718 | 7.92 | 8.41 | 476 | 5.76 | 6.04 | — | — | — | — | — | — | — |
| 2.50 | 3.6 | 9.0 | 1400 | 5.01 | 5.92 | 700 | 3.24 | 3.63 | 464 | 2.37 | 2.63 | — | — | — | 9.4 | 11.4 | 13.5 | 16.0 |
| 2.50 | 4.8 | 12.0 | 1400 | 8.26 | 9.38 | 700 | 5.33 | 5.75 | 464 | 3.87 | 4.13 | — | — | — | — | — | — | 12.4 |
| 2.50 | 6.0 | 15.0 | 1400 | 10.86 | 12.31 | 700 | 7.29 | 7.76 | 464 | 5.30 | 5.57 | — | — | — | — | — | — | — |
| 2.52 | 4.2 | 10.6 | 1387 | 6.71 | 7.71 | 693 | 4.30 | 4.71 | 460 | 3.13 | 3.38 | — | — | — | — | 9.5 | 11.6 | 14.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.81** | **0.84** | **0.88** |
| 2.52 | 6.2 | 15.6 | 1391 | 11.23 | 12.75 | 696 | 7.61 | 8.09 | 461 | 5.53 | 5.81 | — | — | — | — | — | — | — |
| 2.53 | 3.0 | 7.6 | 1382 | 3.18 | 4.03 | 691 | 2.14 | 2.53 | 458 | 1.60 | 1.85 | — | 7.5 | 9.5 | 11.1 | 13.1 | 15.2 | 17.7 |
| 2.54 | 5.2 | 13.2 | 1379 | 9.20 | 10.42 | 689 | 6.00 | 6.43 | 457 | 4.35 | 4.61 | — | — | — | — | — | — | 11.0 |
| 2.56 | 3.2 | 8.2 | 1366 | 3.81 | 4.67 | 683 | 2.51 | 2.90 | 453 | 1.86 | 2.11 | — | — | 8.8 | 10.4 | 12.4 | 14.5 | 17.0 |
| 2.57 | 7.0 | 18.0 | 1361 | 12.47 | 14.32 | 681 | 8.83 | 9.35 | 451 | 6.45 | 6.74 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.72** | **0.77** | **0.79** | **0.83** | **0.86** | **0.89** |
| 2.59 | 5.8 | 15.0 | 1353 | 10.48 | 11.86 | 677 | 6.98 | 7.44 | 449 | 5.06 | 5.33 | — | — | — | — | — | — | — |
| 2.60 | 6.0 | 15.6 | 1346 | 10.87 | 12.32 | 673 | 7.30 | 7.76 | 446 | 5.30 | 5.57 | — | — | — | — | — | — | — |
| 2.61 | 4.6 | 12.0 | 1342 | 7.76 | 8.84 | 671 | 4.99 | 5.41 | 445 | 3.62 | 3.88 | — | — | — | — | — | 9.9 | 12.6 |
| 2.64 | 5.0 | 13.2 | 1326 | 8.74 | 9.91 | 663 | 5.67 | 6.10 | 439 | 4.11 | 4.37 | — | — | — | — | — | — | 11.1 |
| 2.65 | 3.4 | 9.0 | 1322 | 4.42 | 5.31 | 661 | 2.88 | 3.27 | 438 | 2.12 | 2.37 | — | — | 7.9 | 9.5 | 11.6 | 13.6 | 16.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.73** | **0.77** | **0.81** | **0.84** | **0.88** |
| 2.65 | 4.0 | 10.6 | 1321 | 6.17 | 7.13 | 660 | 3.95 | 4.35 | 438 | 2.88 | 3.13 | — | — | — | — | 9.6 | 11.7 | 14.3 |
| 2.68 | 5.6 | 15.0 | 1307 | 10.08 | 11.40 | 653 | 6.66 | 7.11 | 433 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| 2.69 | 5.8 | 15.6 | 1301 | 10.48 | 11.87 | 651 | 6.98 | 7.44 | 431 | 5.06 | 5.33 | — | — | — | — | — | — | — |
| 2.73 | 3.0 | 8.2 | 1280 | 3.19 | 4.03 | 640 | 2.15 | 2.53 | 424 | 1.61 | 1.85 | — | — | 9.0 | 10.5 | 12.6 | 14.6 | 17.2 |
| 2.73 | 4.4 | 12.0 | 1283 | 7.25 | 8.28 | 642 | 4.65 | 5.06 | 425 | 3.38 | 3.63 | — | — | — | — | — | 10.1 | 12.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.75** | **0.78** | **0.82** | **0.85** | **0.88** |
| 2.73 | 6.6 | 18.0 | 1283 | 11.90 | 13.57 | 642 | 8.23 | 8.73 | 425 | 5.99 | 6.28 | — | — | — | — | — | — | — |
| 2.75 | 4.8 | 13.2 | 1273 | 8.26 | 9.38 | 636 | 5.33 | 5.75 | 422 | 3.87 | 4.13 | — | — | — | — | — | — | 11.2 |
| 2.78 | 5.4 | 15.0 | 1260 | 9.65 | 10.92 | 630 | 6.33 | 6.77 | 418 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| 2.79 | 3.8 | 10.6 | 1255 | 5.60 | 6.54 | 627 | 3.60 | 4.00 | 416 | 2.63 | 2.88 | — | — | — | — | 9.7 | 11.9 | 14.4 |
| 2.79 | 5.6 | 15.6 | 1256 | 10.08 | 11.40 | 628 | 6.66 | 7.11 | 416 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.82** | **0.88** |
| 2.80 | 7.0 | 19.6 | 1250 | 12.48 | 14.32 | 625 | 8.84 | 9.36 | 414 | 6.45 | 6.74 | — | — | — | — | — | — | — |
| 2.81 | 3.2 | 9.0 | 1244 | 3.81 | 4.68 | 622 | 2.52 | 2.90 | 412 | 1.87 | 2.11 | — | — | 8.0 | 9.6 | 11.7 | 13.8 | 16.3 |
| 2.81 | 6.4 | 18.0 | 1244 | 11.58 | 13.17 | 622 | 7.92 | 8.41 | 412 | 5.76 | 6.04 | — | — | — | — | — | — | — |
| 2.86 | 4.2 | 12.0 | 1225 | 6.72 | 7.72 | 612 | 4.30 | 4.71 | 406 | 3.13 | 3.39 | — | — | — | — | — | 10.2 | 12.8 |
| 2.87 | 4.6 | 13.2 | 1220 | 7.77 | 8.84 | 610 | 4.99 | 5.41 | 404 | 3.62 | 3.88 | — | — | — | — | — | — | 11.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.73** | **0.77** | **0.81** | **0.84** | **0.88** |
| 2.88 | 5.2 | 15.0 | 1213 | 9.21 | 10.42 | 607 | 6.00 | 6.44 | 402 | 4.35 | 5.62 | — | — | — | — | — | — | — |
| 2.89 | 5.4 | 15.6 | 1212 | 9.66 | 10.92 | 606 | 6.33 | 6.77 | 402 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| 2.90 | 6.2 | 18.0 | 1206 | 11.24 | 12.75 | 603 | 7.61 | 8.09 | 400 | 5.53 | 5.81 | — | — | — | — | — | — | — |
| 2.94 | 3.6 | 10.6 | 1189 | 5.02 | 5.93 | 594 | 3.24 | 3.64 | 394 | 2.38 | 2.63 | — | — | — | — | 9.9 | 12.0 | 14.6 |
| 2.97 | 6.6 | 19.6 | 1179 | 11.90 | 13.57 | 589 | 8.23 | 8.73 | 391 | 5.99 | 6.28 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.82** | **0.86** |
| 3.00 | 3.0 | 9.0 | 1167 | 3.19 | 4.03 | 583 | 2.15 | 2.53 | 387 | 1.61 | 1.86 | — | — | 8.2 | 9.8 | 11.8 | 13.9 | 16.5 |
| 3.00 | 4.0 | 12.0 | 1167 | 6.17 | 7.14 | 583 | 3.95 | 4.36 | 387 | 2.88 | 3.14 | — | — | — | — | — | 10.3 | 13.0 |
| 3.00 | 4.4 | 13.2 | 1167 | 7.25 | 8.29 | 583 | 4.65 | 5.06 | 387 | 3.38 | 3.64 | — | — | — | — | — | — | 11.5 |
| 3.00 | 5.0 | 15.0 | 1167 | 8.75 | 9.91 | 583 | 5.67 | 6.10 | 387 | 4.11 | 4.37 | — | — | — | — | — | — | — |
| 3.00 | 5.2 | 15.6 | 1167 | 9.21 | 10.42 | 583 | 6.00 | 6.44 | 387 | 4.35 | 4.62 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.73** | **0.77** | **0.81** | **0.84** | **0.88** |
| 3.00 | 6.0 | 18.0 | 1167 | 10.87 | 12.32 | 583 | 7.30 | 7.77 | 387 | 5.30 | 5.57 | — | — | — | — | — | — | — |
| 3.06 | 6.4 | 19.6 | 1143 | 11.58 | 13.17 | 571 | 7.93 | 8.41 | 379 | 5.76 | 6.04 | — | — | — | — | — | — | — |
| 3.10 | 5.8 | 18.0 | 1128 | 10.49 | 11.87 | 564 | 6.98 | 7.44 | 374 | 5.07 | 5.34 | — | — | — | — | — | — | — |
| 3.12 | 3.4 | 10.6 | 1123 | 4.43 | 5.31 | 561 | 2.88 | 3.27 | 372 | 2.12 | 2.37 | — | — | — | — | 10.0 | 12.1 | 14.7 |
| 3.12 | 5.0 | 15.6 | 1122 | 8.75 | 9.91 | 561 | 5.67 | 6.10 | 372 | 4.11 | 4.37 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.81** | **0.86** |
| 3.13 | 4.8 | 15.0 | 1120 | 8.27 | 9.39 | 560 | 5.34 | 5.76 | 371 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 3.14 | 4.2 | 13.2 | 1114 | 6.72 | 7.72 | 557 | 4.31 | 4.71 | 369 | 3.13 | 3.39 | — | — | — | — | — | — | 11.6 |
| 3.16 | 3.8 | 12.0 | 1108 | 5.61 | 6.54 | 554 | 3.60 | 4.00 | 367 | 2.63 | 2.88 | — | — | — | — | — | 10.4 | 13.1 |
| 3.16 | 6.2 | 19.6 | 1107 | 11.24 | 12.76 | 554 | 7.62 | 8.09 | 367 | 5.53 | 5.81 | — | — | — | — | — | — | — |
| 3.21 | 5.6 | 18.0 | 1089 | 10.08 | 11.41 | 544 | 6.66 | 7.11 | 361 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.83** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| — | — | 16.7 | 20.4 | 22.9 | 25.5 | 28.0 | 31.0 | 35.6 | 39.1 | 43.1 | 47.1 | 6.4 | 15.6 | 2.44 |
| 18.1 | 20.6 | 24.6 | 28.1 | 30.6 | 33.1 | 35.7 | 38.7 | 43.2 | 46.7 | 50.7 | 54.7 | 3.6 | 9.0 | 2.50 |
| 14.5 | 17.1 | 21.1 | 24.7 | 27.2 | 29.7 | 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 4.8 | 12.0 | 2.50 |
| — | 13.4 | 17.6 | 21.2 | 23.7 | 26.3 | 28.8 | 31.8 | 36.4 | 39.9 | 43.9 | 47.9 | 6.0 | 15.0 | 2.50 |
| 16.2 | 18.8 | 22.8 | 26.3 | 28.8 | 31.4 | 33.9 | 36.9 | 41.4 | 44.9 | 48.9 | 52.9 | 4.2 | 10.6 | 2.52 |
| **0.90** | **0.93** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | 12.7 | 16.9 | 20.5 | 23.0 | 25.6 | 28.1 | 31.2 | 35.7 | 39.2 | 43.3 | 47.3 | 6.2 | 15.6 | 2.52 |
| 19.7 | 22.2 | 26.2 | 29.7 | 32.2 | 34.7 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 | 3.0 | 7.6 | 2.53 |
| 13.1 | 15.7 | 19.8 | 23.4 | 25.9 | 28.4 | 30.9 | 34.0 | 38.5 | 42.0 | 46.0 | 50.0 | 5.2 | 13.2 | 2.54 |
| 19.0 | 21.6 | 25.6 | 29.1 | 31.6 | 34.1 | 36.6 | 39.6 | 44.1 | 47.6 | 51.6 | 55.6 | 3.2 | 8.2 | 2.56 |
| — | — | — | 17.7 | 20.3 | 22.9 | 25.4 | 28.5 | 33.1 | 36.6 | 40.6 | 44.7 | 7.0 | 18.0 | 2.57 |
| **0.91** | **0.94** | **0.98** | **1.01** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | 13.5 | 17.7 | 21.3 | 23.9 | 26.4 | 28.9 | 32.0 | 36.5 | 40.0 | 44.1 | 48.1 | 5.8 | 15.0 | 2.59 |
| — | 12.8 | 17.0 | 20.6 | 23.2 | 25.7 | 28.3 | 31.3 | 35.9 | 39.4 | 43.4 | 47.4 | 6.0 | 15.6 | 2.60 |
| 14.6 | 17.2 | 21.3 | 24.8 | 27.4 | 29.9 | 32.4 | 35.4 | 39.9 | 43.5 | 47.5 | 51.5 | 4.6 | 12.0 | 2.61 |
| 13.2 | 15.8 | 19.9 | 23.5 | 26.0 | 28.6 | 31.1 | 34.1 | 38.6 | 42.2 | 46.2 | 50.2 | 5.0 | 13.2 | 2.64 |
| 18.2 | 20.7 | 24.8 | 28.3 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 3.4 | 9.0 | 2.65 |
| **0.90** | **0.93** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.10** | **1.12** | **1.14** | **1.15** | | | |
| 16.4 | 18.9 | 22.9 | 26.5 | 29.0 | 31.5 | 34.0 | 37.0 | 41.6 | 45.1 | 49.1 | 53.1 | 4.0 | 10.6 | 2.65 |
| — | 13.7 | 17.9 | 21.5 | 24.0 | 26.6 | 29.1 | 32.1 | 36.7 | 40.2 | 44.2 | 48.2 | 5.6 | 15.0 | 2.68 |
| — | 12.9 | 17.1 | 20.8 | 23.3 | 25.9 | 28.4 | 31.5 | 36.0 | 39.5 | 43.6 | 47.6 | 5.8 | 15.6 | 2.69 |
| 19.2 | 21.7 | 25.7 | 29.2 | 31.7 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 | 3.0 | 8.2 | 2.73 |
| 14.8 | 17.4 | 21.4 | 25.0 | 27.5 | 30.0 | 32.5 | 35.6 | 40.1 | 43.6 | 47.6 | 51.6 | 4.4 | 12.0 | 2.73 |
| **0.91** | **0.94** | **0.97** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.10** | **1.12** | **1.14** | **1.16** | | | |
| — | — | 14.2 | 17.9 | 20.5 | 23.1 | 25.7 | 28.8 | 33.3 | 36.9 | 40.9 | 45.0 | 6.6 | 18.0 | 2.73 |
| 13.4 | 16.0 | 20.1 | 23.6 | 26.2 | 28.7 | 31.2 | 34.3 | 38.8 | 42.3 | 46.3 | 50.3 | 4.8 | 13.2 | 2.75 |
| — | 13.8 | 18.0 | 21.6 | 24.2 | 26.7 | 29.2 | 32.3 | 36.8 | 40.3 | 44.4 | 48.4 | 5.4 | 15.0 | 2.78 |
| 16.5 | 19.0 | 23.1 | 26.6 | 29.1 | 31.7 | 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 3.8 | 10.6 | 2.79 |
| — | 13.0 | 17.3 | 20.9 | 23.5 | 26.0 | 28.6 | 31.6 | 36.2 | 39.7 | 43.7 | 47.7 | 5.6 | 15.6 | 2.79 |
| **0.89** | **0.92** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | — | — | 16.0 | 18.7 | 21.3 | 23.9 | 27.0 | 31.6 | 35.2 | 39.3 | 43.3 | 7.0 | 19.6 | 2.80 |
| 18.3 | 20.9 | 24.9 | 28.4 | 30.9 | 33.4 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 | 3.2 | 9.0 | 2.81 |
| — | — | 14.3 | 18.1 | 20.7 | 23.3 | 25.8 | 28.9 | 33.5 | 37.0 | 41.1 | 45.1 | 6.4 | 18.0 | 2.81 |
| 14.9 | 17.5 | 21.6 | 25.1 | 27.7 | 30.2 | 32.7 | 35.7 | 40.2 | 43.8 | 47.8 | 51.8 | 4.2 | 12.0 | 2.86 |
| 13.5 | 16.1 | 20.2 | 23.8 | 26.3 | 28.8 | 31.4 | 34.4 | 38.9 | 42.5 | 46.5 | 50.5 | 4.6 | 13.2 | 2.87 |
| **0.90** | **0.93** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.10** | **1.12** | **1.14** | **1.15** | | | |
| — | 13.9 | 18.1 | 21.7 | 24.3 | 26.8 | 29.4 | 32.4 | 37.0 | 40.5 | 44.5 | 48.5 | 5.2 | 15.0 | 2.88 |
| — | 13.2 | 17.4 | 21.0 | 23.6 | 26.2 | 28.7 | 31.7 | 36.3 | 39.8 | 43.9 | 47.9 | 5.4 | 15.6 | 2.89 |
| — | — | 14.4 | 18.2 | 20.8 | 23.4 | 26.0 | 29.0 | 33.6 | 37.2 | 41.2 | 45.3 | 6.2 | 18.0 | 2.90 |
| 16.6 | 19.2 | 23.2 | 26.8 | 29.3 | 31.8 | 34.3 | 37.3 | 41.9 | 45.4 | 49.4 | 53.4 | 3.6 | 10.6 | 2.94 |
| — | — | — | 16.3 | 19.0 | 21.6 | 24.2 | 27.3 | 31.9 | 35.5 | 39.5 | 43.6 | 6.6 | 19.6 | 2.97 |
| **0.89** | **0.92** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| 18.5 | 21.0 | 25.0 | 28.6 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 | 3.0 | 9.0 | 3.00 |
| 15.1 | 17.6 | 21.7 | 25.3 | 27.8 | 30.3 | 32.8 | 35.9 | 40.4 | 43.9 | 47.9 | 51.9 | 4.0 | 12.0 | 3.00 |
| 13.6 | 16.2 | 20.4 | 23.9 | 26.5 | 29.0 | 31.5 | 34.5 | 39.1 | 42.6 | 46.6 | 50.6 | 4.4 | 13.2 | 3.00 |
| — | 14.1 | 18.3 | 21.9 | 24.4 | 27.0 | 29.5 | 32.6 | 37.1 | 40.6 | 44.7 | 48.7 | 5.0 | 15.0 | 3.00 |
| — | 13.3 | 17.5 | 21.2 | 23.7 | 26.3 | 28.8 | 31.9 | 36.4 | 40.0 | 44.0 | 48.0 | 5.2 | 15.6 | 3.00 |
| **0.90** | **0.93** | **0.97** | **1.00** | **1.02** | **1.03** | **1.05** | **1.07** | **1.10** | **1.12** | **1.14** | **1.15** | | | |
| — | — | 14.6 | 18.3 | 20.9 | 23.5 | 26.1 | 29.2 | 33.8 | 37.3 | 41.4 | 45.4 | 6.0 | 18.0 | 3.00 |
| — | — | — | 16.4 | 19.1 | 21.7 | 24.3 | 27.4 | 32.1 | 35.6 | 39.7 | 43.7 | 6.4 | 19.6 | 3.06 |
| — | — | 14.7 | 18.4 | 21.1 | 23.7 | 26.2 | 29.3 | 33.9 | 37.5 | 41.5 | 45.5 | 5.8 | 18.0 | 3.10 |
| 16.8 | 19.3 | 23.4 | 26.9 | 29.4 | 32.0 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 | 3.4 | 10.6 | 3.12 |
| — | 13.4 | 17.7 | 21.3 | 23.9 | 26.4 | 29.0 | 32.0 | 36.6 | 40.1 | 44.2 | 48.2 | 5.0 | 15.6 | 3.12 |
| **0.88** | **0.92** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| 11.5 | 14.2 | 18.4 | 22.0 | 24.6 | 27.1 | 29.7 | 32.7 | 37.2 | 40.8 | 44.8 | 48.8 | 4.8 | 15.0 | 3.13 |
| 13.7 | 16.4 | 20.5 | 24.1 | 26.6 | 29.1 | 31.7 | 34.7 | 39.2 | 42.7 | 46.8 | 50.8 | 4.2 | 13.2 | 3.14 |
| 15.2 | 17.8 | 21.9 | 25.4 | 27.9 | 30.5 | 33.0 | 36.0 | 40.5 | 44.0 | 48.1 | 52.1 | 3.8 | 12.0 | 3.16 |
| — | — | — | 16.5 | 19.2 | 21.9 | 24.5 | 27.6 | 32.2 | 35.8 | 39.8 | 43.9 | 6.2 | 19.6 | 3.16 |
| — | — | 14.8 | 18.6 | 21.2 | 23.8 | 26.4 | 29.5 | 34.1 | 37.6 | 41.7 | 45.7 | 5.6 | 18.0 | 3.21 |
| **0.87** | **0.90** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.09** | **1.11** | **1.13** | **1.15** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 3.25 | 4.8 | 15.6 | 1077 | 8.27 | 9.39 | 538 | 5.34 | 5.76 | 357 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 3.26 | 4.6 | 15.0 | 1073 | 7.77 | 8.85 | 537 | 5.00 | 5.41 | 356 | 3.63 | 3.88 | — | — | — | — | — | — | — |
| 3.27 | 6.0 | 19.6 | 1071 | 10.88 | 12.32 | 536 | 7.30 | 7.77 | 355 | 5.30 | 5.57 | — | — | — | — | — | — | — |
| 3.30 | 4.0 | 13.2 | 1061 | 6.17 | 7.14 | 530 | 3.96 | 4.36 | 352 | 2.88 | 3.14 | — | — | — | — | — | — | 11.7 |
| 3.31 | 3.2 | 10.6 | 1057 | 3.82 | 4.68 | 528 | 2.52 | 2.91 | 350 | 1.87 | 2.12 | — | — | — | — | 10.1 | 12.3 | 14.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.81** | **0.86** |
| 3.33 | 3.6 | 12.0 | 1050 | 5.03 | 5.94 | 525 | 3.24 | 3.64 | 348 | 2.38 | 2.63 | — | — | — | — | — | 10.6 | 13.2 |
| 3.33 | 5.4 | 18.0 | 1050 | 9.66 | 10.92 | 525 | 6.33 | 6.78 | 348 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| 3.38 | 5.8 | 19.6 | 1036 | 10.49 | 11.87 | 518 | 6.98 | 7.44 | 343 | 5.07 | 5.34 | — | — | — | — | — | — | — |
| 3.39 | 4.6 | 15.6 | 1032 | 7.77 | 8.85 | 516 | 5.00 | 5.41 | 342 | 3.63 | 3.88 | — | — | — | — | — | — | — |
| 3.41 | 4.4 | 15.0 | 1027 | 7.26 | 8.29 | 513 | 4.65 | 5.06 | 340 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.83** |
| 3.46 | 5.2 | 18.0 | 1011 | 9.22 | 10.43 | 506 | 6.01 | 6.44 | 335 | 4.35 | 4.62 | — | — | — | — | — | — | — |
| 3.47 | 3.8 | 13.2 | 1008 | 5.61 | 6.55 | 504 | 3.60 | 4.00 | 334 | 2.63 | 2.88 | — | — | — | — | — | — | 11.9 |
| 3.50 | 5.6 | 19.6 | 1000 | 10.09 | 11.41 | 500 | 6.66 | 7.11 | 331 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| 3.51 | 7.0 | 24.6 | 996 | 12.48 | 14.33 | 498 | 8.84 | 9.36 | 330 | 6.45 | 6.74 | — | — | — | — | — | — | — |
| 3.53 | 3.0 | 10.6 | 991 | 3.19 | 4.04 | 495 | 2.15 | 2.53 | 328 | 1.61 | 1.86 | — | — | — | — | 10.3 | 12.4 | 15.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.81** | **0.85** |
| 3.53 | 3.4 | 12.0 | 992 | 4.43 | 5.32 | 496 | 2.88 | 3.27 | 329 | 2.12 | 2.37 | — | — | — | — | — | 10.7 | 13.4 |
| 3.55 | 4.4 | 15.6 | 987 | 7.26 | 8.29 | 494 | 4.65 | 5.06 | 327 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| 3.57 | 4.2 | 15.0 | 980 | 6.73 | 7.72 | 490 | 4.31 | 4.71 | 325 | 3.13 | 3.39 | — | — | — | — | — | — | — |
| 3.60 | 5.0 | 18.0 | 972 | 8.76 | 9.92 | 486 | 5.67 | 6.10 | 322 | 4.11 | 4.37 | — | — | — | — | — | — | — |
| 3.63 | 5.4 | 19.6 | 964 | 9.66 | 10.93 | 482 | 6.34 | 6.78 | 320 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.83** |
| 3.67 | 3.6 | 13.2 | 955 | 5.03 | 5.94 | 477 | 3.25 | 3.64 | 316 | 2.38 | 2.63 | — | — | — | — | — | — | 12.0 |
| 3.71 | 4.2 | 15.6 | 942 | 6.73 | 7.72 | 471 | 4.31 | 4.71 | 312 | 3.13 | 3.39 | — | — | — | — | — | — | — |
| 3.73 | 6.6 | 24.6 | 939 | 11.91 | 13.58 | 470 | 8.24 | 8.73 | 311 | 6.00 | 6.28 | — | — | — | — | — | — | — |
| 3.75 | 3.2 | 12.0 | 933 | 3.82 | 4.68 | 467 | 2.52 | 2.91 | 309 | 1.87 | 2.12 | — | — | — | — | — | 10.8 | 13.5 |
| 3.75 | 4.0 | 15.0 | 933 | 6.18 | 7.14 | 467 | 3.96 | 4.36 | 309 | 2.88 | 3.14 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.83** |
| 3.75 | 4.8 | 18.0 | 933 | 8.27 | 9.39 | 467 | 5.34 | 5.76 | 309 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 3.77 | 5.2 | 19.6 | 929 | 9.22 | 10.43 | 464 | 6.01 | 6.44 | 308 | 4.35 | 4.62 | — | — | — | — | — | — | — |
| 3.84 | 6.4 | 24.6 | 911 | 11.59 | 13.18 | 455 | 7.93 | 8.41 | 302 | 5.77 | 6.05 | — | — | — | — | — | — | — |
| 3.88 | 3.4 | 13.2 | 902 | 4.43 | 5.32 | 451 | 2.88 | 3.27 | 299 | 2.13 | 2.38 | — | — | — | — | — | — | 12.1 |
| 3.90 | 4.0 | 15.6 | 897 | 6.18 | 7.14 | 449 | 3.96 | 4.36 | 297 | 2.88 | 3.14 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.80** |
| 3.91 | 4.6 | 18.0 | 894 | 7.78 | 8.85 | 447 | 5.00 | 5.41 | 296 | 3.63 | 3.88 | — | — | — | — | — | — | — |
| 3.92 | 5.0 | 19.6 | 893 | 8.76 | 9.92 | 446 | 5.67 | 6.10 | 296 | 4.11 | 4.37 | — | — | — | — | — | — | — |
| 3.95 | 3.8 | 15.0 | 887 | 5.61 | 6.55 | 443 | 3.60 | 4.00 | 294 | 2.63 | 2.89 | — | — | — | — | — | — | — |
| 3.97 | 6.2 | 24.6 | 882 | 11.24 | 12.76 | 441 | 7.62 | 8.09 | 292 | 5.53 | 5.81 | — | — | — | — | — | — | — |
| 4.00 | 3.0 | 12.0 | 875 | 3.20 | 4.04 | 438 | 2.15 | 2.54 | 290 | 1.61 | 1.86 | — | — | — | — | — | 10.9 | 13.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.83** |
| 4.08 | 4.8 | 19.6 | 857 | 8.28 | 9.39 | 429 | 5.34 | 5.76 | 284 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 4.09 | 4.4 | 18.0 | 856 | 7.26 | 8.29 | 428 | 4.66 | 5.07 | 284 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| 4.10 | 6.0 | 24.6 | 854 | 10.88 | 12.33 | 427 | 7.30 | 7.77 | 283 | 5.30 | 5.58 | — | — | — | — | — | — | — |
| 4.11 | 3.8 | 15.6 | 853 | 5.61 | 6.55 | 426 | 3.60 | 4.00 | 283 | 2.63 | 2.89 | — | — | — | — | — | — | — |
| 4.12 | 3.2 | 13.2 | 848 | 3.82 | 4.69 | 424 | 2.52 | 2.91 | 281 | 1.87 | 2.12 | — | — | — | — | — | — | 12.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.80** |
| 4.17 | 3.6 | 15.0 | 840 | 5.03 | 5.94 | 420 | 3.25 | 3.64 | 278 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| 4.23 | 7.0 | 29.6 | 828 | 12.49 | 14.33 | 414 | 8.84 | 9.36 | 274 | 6.45 | 6.74 | — | — | — | — | — | — | — |
| 4.24 | 5.8 | 24.6 | 825 | 10.50 | 11.88 | 413 | 6.98 | 7.44 | 273 | 5.07 | 5.34 | — | — | — | — | — | — | — |
| 4.26 | 4.6 | 19.6 | 821 | 7.78 | 8.85 | 411 | 5.00 | 5.41 | 272 | 3.63 | 3.89 | — | — | — | — | — | — | — |
| 4.29 | 4.2 | 18.0 | 817 | 6.73 | 7.73 | 408 | 4.31 | 4.71 | 271 | 3.13 | 3.39 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 4.33 | 3.6 | 15.6 | 808 | 5.03 | 5.94 | 404 | 3.25 | 3.64 | 268 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| 4.39 | 5.6 | 24.6 | 797 | 10.09 | 11.41 | 398 | 6.66 | 7.11 | 264 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| 4.40 | 3.0 | 13.2 | 795 | 3.20 | 4.04 | 398 | 2.15 | 2.54 | 264 | 1.61 | 1.86 | — | — | — | — | — | — | 12.4 |
| 4.41 | 3.4 | 15.0 | 793 | 4.44 | 5.32 | 397 | 2.89 | 3.28 | 263 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 4.45 | 4.4 | 19.6 | 786 | 7.26 | 8.30 | 393 | 4.66 | 5.07 | 260 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.80** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| — | 13.6 | 17.8 | 21.4 | 24.0 | 26.6 | 29.1 | 32.2 | 36.7 | 40.3 | 44.3 | 48.3 | 4.8 | 15.6 | 3.25 |
| 11.6 | 14.3 | 18.5 | 22.1 | 24.7 | 27.3 | 29.8 | 32.8 | 37.4 | 40.9 | 45.0 | 49.0 | 4.6 | 15.0 | 3.26 |
| — | — | — | 16.7 | 19.3 | 22.0 | 24.6 | 27.7 | 32.3 | 35.9 | 40.0 | 44.0 | 6.0 | 19.6 | 3.27 |
| 13.9 | 16.5 | 20.6 | 24.2 | 26.7 | 29.3 | 31.8 | 34.8 | 39.4 | 42.9 | 46.9 | 50.9 | 4.0 | 13.2 | 3.30 |
| 16.9 | 19.5 | 23.5 | 27.1 | 29.6 | 32.1 | 34.6 | 37.6 | 42.1 | 45.7 | 49.7 | 53.7 | 3.2 | 10.6 | 3.31 |
| **0.88** | **0.91** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.06** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| 15.3 | 17.9 | 22.0 | 25.6 | 28.1 | 30.6 | 33.1 | 36.2 | 40.7 | 44.2 | 48.2 | 52.2 | 3.6 | 12.0 | 3.33 |
| — | — | 14.9 | 18.7 | 21.3 | 23.9 | 26.5 | 29.6 | 34.2 | 37.7 | 41.8 | 45.8 | 5.4 | 18.0 | 3.33 |
| — | — | — | 16.8 | 19.5 | 22.1 | 24.7 | 27.8 | 32.5 | 36.0 | 40.1 | 44.2 | 5.8 | 19.6 | 3.38 |
| — | 13.7 | 17.9 | 21.6 | 24.2 | 26.7 | 29.3 | 32.3 | 36.9 | 40.4 | 44.4 | 48.5 | 4.6 | 15.6 | 3.39 |
| 11.7 | 14.4 | 18.7 | 22.3 | 24.8 | 27.4 | 29.9 | 33.0 | 37.5 | 41.1 | 45.1 | 49.1 | 4.4 | 15.0 | 3.41 |
| **0.87** | **0.90** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| — | — | 15.1 | 18.8 | 21.5 | 24.1 | 26.7 | 29.7 | 34.3 | 37.9 | 41.9 | 46.0 | 5.2 | 18.0 | 3.46 |
| 14.0 | 16.6 | 20.8 | 24.3 | 26.9 | 29.4 | 32.0 | 35.0 | 39.5 | 43.0 | 47.1 | 51.1 | 3.8 | 13.2 | 3.47 |
| — | — | — | 16.9 | 19.6 | 22.3 | 24.9 | 28.0 | 32.6 | 36.2 | 40.2 | 44.3 | 5.6 | 19.6 | 3.50 |
| — | — | — | — | — | — | 18.8 | 22.1 | 26.9 | 30.6 | 34.7 | 38.8 | 7.0 | 24.6 | 3.51 |
| 17.0 | 19.6 | 23.7 | 27.2 | 29.7 | 32.2 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 | 3.0 | 10.6 | 3.53 |
| **0.88** | **0.91** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.06** | **1.09** | **1.11** | **1.13** | **1.15** | | | |
| 15.5 | 18.0 | 22.1 | 25.7 | 28.2 | 30.8 | 33.3 | 36.3 | 40.8 | 44.3 | 48.4 | 52.4 | 3.4 | 12.0 | 3.53 |
| — | 13.8 | 18.1 | 21.7 | 24.3 | 26.9 | 29.4 | 32.5 | 37.0 | 40.6 | 44.6 | 48.6 | 4.4 | 15.6 | 3.55 |
| 11.8 | 14.6 | 18.8 | 22.4 | 25.0 | 27.5 | 30.1 | 33.1 | 37.7 | 41.2 | 45.2 | 49.3 | 4.2 | 15.0 | 3.57 |
| — | — | 15.2 | 19.0 | 21.6 | 24.2 | 26.8 | 29.9 | 34.5 | 38.0 | 42.1 | 46.1 | 5.0 | 18.0 | 3.60 |
| — | — | — | 17.0 | 19.7 | 22.4 | 25.0 | 28.1 | 32.7 | 36.3 | 40.4 | 44.4 | 5.4 | 19.6 | 3.63 |
| **0.86** | **0.90** | **0.94** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.09** | **1.10** | **1.13** | **1.14** | | | |
| 14.1 | 16.8 | 20.9 | 24.5 | 27.0 | 29.6 | 32.1 | 35.1 | 39.7 | 43.2 | 47.2 | 51.2 | 3.6 | 13.2 | 3.67 |
| — | 13.9 | 18.2 | 21.9 | 24.4 | 27.0 | 29.5 | 32.6 | 37.2 | 40.7 | 44.7 | 48.8 | 4.2 | 15.6 | 3.71 |
| — | — | — | — | — | — | 19.0 | 22.3 | 27.2 | 30.8 | 35.0 | 39.1 | 6.6 | 24.6 | 3.73 |
| 15.6 | 18.2 | 22.3 | 25.8 | 28.4 | 30.9 | 33.4 | 36.4 | 41.0 | 44.5 | 48.5 | 52.5 | 3.2 | 12.0 | 3.75 |
| 12.0 | 14.7 | 18.9 | 22.6 | 25.1 | 27.7 | 30.2 | 33.3 | 37.8 | 41.4 | 45.4 | 49.4 | 4.0 | 15.0 | 3.75 |
| **0.86** | **0.90** | **0.94** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | | | |
| — | — | 15.3 | 19.1 | 21.7 | 24.3 | 26.9 | 30.0 | 34.6 | 38.2 | 42.2 | 46.3 | 4.8 | 18.0 | 3.75 |
| — | — | — | 17.2 | 19.9 | 22.5 | 25.1 | 28.3 | 32.9 | 36.5 | 40.5 | 44.6 | 5.2 | 19.6 | 3.77 |
| — | — | — | — | — | — | 19.1 | 22.5 | 27.3 | 31.0 | 35.1 | 39.2 | 6.4 | 24.6 | 3.84 |
| 14.3 | 16.9 | 21.0 | 24.6 | 27.2 | 29.7 | 32.2 | 35.3 | 39.8 | 43.3 | 47.4 | 51.4 | 3.4 | 13.2 | 3.88 |
| — | 14.1 | 18.3 | 22.0 | 24.6 | 27.1 | 29.7 | 32.7 | 37.3 | 40.8 | 44.9 | 48.9 | 4.0 | 15.6 | 3.90 |
| **0.84** | **0.88** | **0.93** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.14** | | | |
| — | — | 15.4 | 19.2 | 21.9 | 24.5 | 27.1 | 30.2 | 34.8 | 38.3 | 42.4 | 46.4 | 4.6 | 18.0 | 3.91 |
| — | — | — | 17.3 | 20.0 | 22.7 | 25.3 | 28.4 | 33.0 | 36.6 | 40.7 | 44.7 | 5.0 | 19.6 | 3.92 |
| 12.1 | 14.8 | 19.1 | 22.7 | 25.3 | 27.8 | 30.4 | 33.4 | 38.0 | 41.5 | 45.5 | 49.6 | 3.8 | 15.0 | 3.95 |
| — | — | — | — | — | — | 19.3 | 22.6 | 27.4 | 31.1 | 35.3 | 39.4 | 6.2 | 24.6 | 3.97 |
| 15.7 | 18.3 | 22.4 | 26.0 | 28.5 | 31.0 | 33.6 | 36.6 | 41.1 | 44.6 | 48.7 | 52.7 | 3.0 | 12.0 | 4.00 |
| **0.86** | **0.90** | **0.94** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.12** | **1.14** | | | |
| — | — | — | 17.4 | 20.1 | 22.8 | 25.4 | 28.5 | 33.2 | 36.7 | 40.8 | 44.9 | 4.8 | 19.6 | 4.08 |
| — | — | 15.6 | 19.4 | 22.0 | 24.6 | 27.2 | 30.3 | 34.9 | 38.5 | 42.5 | 46.6 | 4.4 | 18.0 | 4.09 |
| — | — | — | — | — | — | 19.4 | 22.7 | 27.5 | 31.2 | 35.4 | 39.5 | 6.0 | 24.6 | 4.10 |
| 11.4 | 14.2 | 18.5 | 22.1 | 24.7 | 27.3 | 29.8 | 32.9 | 37.4 | 41.0 | 45.0 | 49.1 | 3.8 | 15.6 | 4.11 |
| 14.4 | 17.0 | 21.2 | 24.8 | 27.3 | 29.9 | 32.4 | 35.4 | 40.0 | 43.5 | 47.5 | 51.5 | 3.2 | 13.2 | 4.12 |
| **0.84** | **0.88** | **0.93** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.14** | | | |
| 12.2 | 15.0 | 19.2 | 22.8 | 25.4 | 28.0 | 30.5 | 33.6 | 38.1 | 41.7 | 45.7 | 49.7 | 3.6 | 15.0 | 4.17 |
| — | — | — | — | — | — | — | — | 21.4 | 25.4 | 29.8 | 34.0 | 7.0 | 29.6 | 4.23 |
| — | — | — | — | — | — | 19.5 | 22.8 | 27.7 | 31.4 | 35.5 | 39.7 | 5.8 | 24.6 | 4.24 |
| — | — | — | 17.5 | 20.3 | 22.9 | 25.5 | 28.7 | 33.3 | 36.9 | 41.0 | 45.0 | 4.6 | 19.6 | 4.26 |
| — | — | 15.7 | 19.5 | 22.1 | 24.8 | 27.3 | 30.4 | 35.0 | 38.6 | 42.7 | 46.7 | 4.2 | 18.0 | 4.29 |
| **0.79** | **0.85** | **0.91** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.07** | **1.09** | **1.11** | **1.13** | | | |
| 11.5 | 14.3 | 18.6 | 22.3 | 24.8 | 27.4 | 30.0 | 33.0 | 37.6 | 41.1 | 45.2 | 49.2 | 3.6 | 15.6 | 4.33 |
| — | — | — | — | — | — | 19.6 | 23.0 | 27.8 | 31.5 | 35.7 | 39.8 | 5.6 | 24.6 | 4.39 |
| 14.5 | 17.2 | 21.3 | 24.9 | 27.5 | 30.0 | 32.5 | 35.6 | 40.1 | 43.6 | 47.7 | 51.7 | 3.0 | 13.2 | 4.40 |
| 12.3 | 15.1 | 19.3 | 23.0 | 25.5 | 28.1 | 30.6 | 33.7 | 38.3 | 41.8 | 45.8 | 49.9 | 3.4 | 15.0 | 4.41 |
| — | — | 13.7 | 17.7 | 20.4 | 23.0 | 25.7 | 28.8 | 33.4 | 37.0 | 41.1 | 45.2 | 4.4 | 19.6 | 4.45 |
| **0.84** | **0.88** | **0.93** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.08** | **1.10** | **1.12** | **1.14** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 4.48 | 6.6 | 29.6 | 780 | 11.91 | 13.58 | 390 | 8.24 | 8.73 | 259 | 6.00 | 6.28 | — | — | — | — | — | — | — |
| 4.50 | 4.0 | 18.0 | 778 | 6.18 | 7.14 | 389 | 3.96 | 4.36 | 258 | 2.89 | 3.14 | — | — | — | — | — | — | — |
| 4.56 | 5.4 | 24.6 | 768 | 9.67 | 10.93 | 384 | 6.34 | 6.78 | 255 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| 4.59 | 3.4 | 15.6 | 763 | 4.44 | 5.32 | 381 | 2.89 | 3.28 | 253 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 4.62 | 6.4 | 29.6 | 757 | 11.59 | 13.18 | 378 | 7.93 | 8.42 | 251 | 5.77 | 6.05 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.67 | 4.2 | 19.6 | 750 | 6.73 | 7.73 | 375 | 4.31 | 4.71 | 249 | 3.13 | 3.39 | — | — | — | — | — | — | — |
| 4.69 | 3.2 | 15.0 | 747 | 3.83 | 4.69 | 373 | 2.52 | 2.91 | 247 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 4.73 | 5.2 | 24.6 | 740 | 9.22 | 10.43 | 370 | 6.01 | 6.44 | 245 | 4.36 | 4.62 | — | — | — | — | — | — | — |
| 4.74 | 3.8 | 18.0 | 739 | 5.61 | 6.55 | 369 | 3.60 | 4.00 | 245 | 2.63 | 2.89 | — | — | — | — | — | — | — |
| 4.77 | 6.2 | 29.6 | 733 | 11.25 | 12.76 | 367 | 7.62 | 8.09 | 243 | 5.54 | 5.81 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.87 | 3.2 | 15.6 | 718 | 3.83 | 4.69 | 359 | 2.52 | 2.91 | 238 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 4.90 | 4.0 | 19.6 | 714 | 6.18 | 7.15 | 357 | 3.96 | 4.36 | 237 | 2.89 | 3.14 | — | — | — | — | — | — | — |
| 4.92 | 5.0 | 24.6 | 711 | 8.76 | 9.92 | 356 | 5.68 | 6.10 | 236 | 4.11 | 4.38 | — | — | — | — | — | — | — |
| 4.93 | 6.0 | 29.6 | 709 | 10.88 | 12.33 | 355 | 7.30 | 7.77 | 235 | 5.30 | 5.58 | — | — | — | — | — | — | — |
| 5.00 | 3.0 | 15.0 | 700 | 3.20 | 4.04 | 350 | 2.15 | 2.54 | 232 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.00 | 3.6 | 18.0 | 700 | 5.03 | 5.94 | 350 | 3.25 | 3.64 | 232 | 2.38 | 2.62 | — | — | — | — | — | — | — |
| 5.10 | 5.8 | 29.6 | 686 | 10.50 | 11.88 | 343 | 6.99 | 7.44 | 227 | 5.07 | 5.34 | — | — | — | — | — | — | — |
| 5.12 | 4.8 | 24.6 | 683 | 8.28 | 9.39 | 341 | 5.34 | 5.76 | 226 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 5.16 | 3.8 | 19.6 | 679 | 5.62 | 6.55 | 339 | 3.61 | 4.00 | 225 | 2.63 | 2.89 | — | — | — | — | — | — | — |
| 5.20 | 3.0 | 15.6 | 673 | 3.20 | 4.04 | 337 | 2.15 | 2.54 | 223 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.29 | 3.4 | 18.0 | 661 | 4.44 | 5.32 | 331 | 2.89 | 3.28 | 219 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 5.29 | 5.6 | 29.6 | 662 | 10.09 | 11.41 | 331 | 6.66 | 7.11 | 219 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| 5.35 | 4.6 | 24.6 | 654 | 7.78 | 8.85 | 327 | 5.00 | 5.42 | 217 | 3.63 | 3.89 | — | — | — | — | — | — | — |
| 5.37 | 7.0 | 37.6 | 652 | 12.49 | 14.33 | 326 | 8.84 | 9.36 | 216 | 6.45 | 6.74 | — | — | — | — | — | — | — |
| 5.44 | 3.6 | 19.6 | 643 | 5.03 | 5.94 | 321 | 3.25 | 3.64 | 213 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.48 | 5.4 | 29.6 | 639 | 9.67 | 10.93 | 319 | 6.34 | 6.78 | 212 | 4.59 | 4.86 | — | — | — | — | — | — | — |
| 5.59 | 4.4 | 24.6 | 626 | 7.26 | 8.30 | 313 | 4.66 | 5.07 | 207 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| 5.63 | 3.2 | 18.0 | 622 | 3.83 | 4.69 | 311 | 2.52 | 2.91 | 206 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 5.69 | 5.2 | 29.6 | 615 | 9.22 | 10.43 | 307 | 6.01 | 6.44 | 204 | 4.36 | 4.62 | — | — | — | — | — | — | — |
| 5.70 | 6.6 | 37.6 | 614 | 11.91 | 13.59 | 207 | 8.24 | 8.73 | 204 | 6.00 | 6.28 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.76 | 3.4 | 19.6 | 607 | 4.44 | 5.32 | 304 | 2.89 | 3.28 | 201 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 5.86 | 4.2 | 24.6 | 598 | 6.73 | 7.73 | 299 | 4.31 | 4.72 | 198 | 3.14 | 3.39 | — | — | — | — | — | — | — |
| 5.87 | 6.4 | 37.6 | 596 | 11.59 | 13.18 | 298 | 7.93 | 8.42 | 197 | 5.77 | 6.05 | — | — | — | — | — | — | — |
| 5.92 | 5.0 | 29.6 | 591 | 8.76 | 9.92 | 296 | 5.68 | 6.10 | 196 | 4.12 | 4.38 | — | — | — | — | — | — | — |
| 6.00 | 3.0 | 18.0 | 583 | 3.20 | 4.04 | 292 | 2.15 | 2.54 | 193 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.06 | 6.2 | 37.6 | 577 | 11.25 | 12.77 | 289 | 7.62 | 8.10 | 191 | 5.54 | 5.81 | — | — | — | — | — | — | — |
| 6.12 | 3.2 | 19.6 | 571 | 3.83 | 4.69 | 286 | 2.52 | 2.91 | 189 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 6.15 | 4.0 | 24.6 | 569 | 6.18 | 7.15 | 285 | 3.96 | 4.36 | 189 | 2.89 | 3.14 | — | — | — | — | — | — | — |
| 6.17 | 4.8 | 29.6 | 568 | 8.28 | 9.39 | 284 | 5.34 | 5.76 | 188 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 6.27 | 6.0 | 37.6 | 559 | 10.88 | 12.33 | 279 | 7.31 | 7.77 | 185 | 5.30 | 5.58 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.43 | 4.6 | 29.6 | 544 | 7.78 | 8.85 | 272 | 5.00 | 5.42 | 180 | 3.63 | 3.89 | — | — | — | — | — | — | — |
| 6.47 | 3.8 | 24.6 | 541 | 5.62 | 6.55 | 270 | 3.61 | 4.00 | 179 | 2.63 | 2.89 | — | — | — | — | — | — | — |
| 6.48 | 5.8 | 37.6 | 540 | 10.50 | 11.88 | 270 | 6.99 | 7.44 | 179 | 5.07 | 5.34 | — | — | — | — | — | — | — |
| 6.53 | 3.0 | 19.6 | 536 | 3.20 | 4.04 | 268 | 2.15 | 2.54 | 178 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| 6.71 | 5.6 | 37.6 | 521 | 10.09 | 11.41 | 261 | 6.66 | 7.11 | 173 | 4.83 | 5.10 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.73 | 4.4 | 29.6 | 520 | 7.27 | 8.30 | 260 | 4.66 | 5.07 | 172 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| 6.83 | 3.6 | 24.6 | 512 | 5.04 | 5.94 | 256 | 3.25 | 3.64 | 170 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| 6.96 | 5.4 | 37.6 | 503 | 9.67 | 10.93 | 251 | 6.34 | 6.78 | 167 | 4.60 | 4.86 | — | — | — | — | — | — | — |
| 7.05 | 4.2 | 29.6 | 497 | 6.73 | 7.73 | 248 | 4.31 | 4.72 | 165 | 3.14 | 3.39 | — | — | — | — | — | — | — |
| 7.23 | 5.2 | 37.6 | 484 | 9.23 | 10.43 | 242 | 6.01 | 6.44 | 160 | 4.36 | 4.62 | — | — | — | — | — | — | — |
| FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia A

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| — | — | — | — | — | — | — | — | 21.7 | 25.6 | 30.0 | 34.3 | 6.6 | 29.6 | 4.48 |
| — | — | 15.8 | 19.6 | 22.3 | 24.9 | 27.5 | 30.6 | 35.2 | 38.7 | 42.8 | 46.8 | 4.0 | 18.0 | 4.50 |
| — | — | — | — | — | 16.9 | 19.8 | 23.1 | 27.9 | 31.6 | 35.8 | 39.9 | 5.4 | 24.6 | 4.56 |
| 11.6 | 14.4 | 18.7 | 22.4 | 25.0 | 27.6 | 30.1 | 33.2 | 37.7 | 41.3 | 45.3 | 49.4 | 3.4 | 15.6 | 4.59 |
| — | — | — | — | — | — | — | — | 21.8 | 25.8 | 30.1 | 34.4 | 6.4 | 29.6 | 4.62 |
| **0.76** | **0.83** | **0.90** | **0.94** | **0.97** | **0.99** | **1.01** | **1.04** | **1.07** | **1.09** | **1.11** | **1.13** | | | |
| — | — | 13.8 | 17.8 | 20.5 | 23.2 | 25.8 | 28.9 | 33.6 | 37.2 | 41.2 | 45.3 | 4.2 | 19.6 | 4.67 |
| 12.5 | 15.2 | 19.5 | 23.1 | 25.7 | 28.2 | 30.8 | 33.8 | 38.4 | 41.9 | 46.0 | 50.0 | 3.2 | 15.0 | 4.69 |
| — | — | — | — | — | 17.0 | 19.9 | 23.2 | 28.1 | 31.8 | 35.9 | 40.1 | 5.2 | 24.6 | 4.73 |
| — | — | 15.9 | 19.8 | 22.4 | 25.0 | 27.6 | 30.7 | 35.3 | 38.9 | 42.9 | 47.0 | 3.8 | 18.0 | 4.74 |
| — | — | — | — | — | — | — | — | 21.9 | 25.9 | 30.3 | 34.6 | 6.2 | 29.6 | 4.77 |
| **0.79** | **0.84** | **0.91** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.07** | **1.09** | **1.11** | **1.13** | | | |
| 11.7 | 14.6 | 18.9 | 22.5 | 25.1 | 27.7 | 30.2 | 33.3 | 37.9 | 41.4 | 45.5 | 49.5 | 3.2 | 15.6 | 4.87 |
| — | — | 13.9 | 17.9 | 20.6 | 23.3 | 25.9 | 29.1 | 33.7 | 37.3 | 41.4 | 45.4 | 4.0 | 19.6 | 4.90 |
| — | — | — | — | — | 17.1 | 20.0 | 23.3 | 28.2 | 31.9 | 36.1 | 40.2 | 5.0 | 24.6 | 4.92 |
| — | — | — | — | — | — | — | — | 22.0 | 26.0 | 30.4 | 34.7 | 5.0 | 29.6 | 4.93 |
| 12.6 | 15.3 | 19.6 | 23.2 | 25.8 | 28.4 | 30.9 | 34.0 | 38.5 | 42.1 | 46.1 | 50.2 | 3.0 | 15.0 | 5.00 |
| **0.76** | **0.83** | **0.90** | **0.94** | **0.97** | **0.99** | **1.01** | **1.04** | **1.07** | **1.09** | **1.11** | **1.13** | | | |
| — | — | 16.1 | 19.9 | 22.5 | 25.2 | 27.8 | 30.8 | 35.5 | 39.0 | 43.1 | 47.1 | 3.6 | 18.0 | 5.00 |
| — | — | — | — | — | — | — | — | 22.2 | 26.1 | 30.5 | 34.8 | 5.8 | 29.6 | 5.10 |
| — | — | — | — | — | 17.2 | 20.1 | 23.5 | 28.3 | 32.0 | 36.2 | 40.3 | 4.8 | 24.6 | 5.12 |
| — | — | 14.1 | 18.0 | 20.8 | 23.4 | 26.1 | 29.2 | 33.8 | 37.4 | 41.5 | 45.6 | 3.8 | 19.6 | 5.16 |
| 11.9 | 14.7 | 19.0 | 22.7 | 25.3 | 27.8 | 30.4 | 33.4 | 38.0 | 41.6 | 45.6 | 49.6 | 3.0 | 15.6 | 5.20 |
| **0.76** | **0.83** | **0.90** | **0.94** | **0.97** | **0.99** | **1.01** | **1.03** | **1.07** | **1.09** | **1.11** | **1.13** | | | |
| — | — | 16.2 | 20.0 | 22.7 | 25.3 | 27.9 | 31.0 | 35.6 | 39.2 | 43.2 | 47.3 | 3.4 | 18.0 | 5.29 |
| — | — | — | — | — | — | — | — | 22.3 | 26.3 | 30.7 | 34.9 | 5.6 | 29.6 | 5.29 |
| — | — | — | — | — | 17.3 | 20.2 | 23.6 | 28.5 | 32.2 | 36.3 | 40.5 | 4.6 | 24.6 | 5.35 |
| — | — | — | — | — | — | — | — | — | — | — | 24.9 | 7.0 | 37.6 | 5.37 |
| — | — | 14.2 | 18.2 | 20.9 | 23.6 | 26.2 | 29.3 | 34.0 | 37.6 | 41.7 | 45.7 | 3.6 | 19.6 | 5.44 |
| **0.0** | **0.0** | **0.85** | **0.91** | **0.94** | **0.97** | **0.99** | **1.02** | **1.05** | **1.07** | **1.10** | **1.12** | | | |
| — | — | — | — | — | — | — | — | 22.4 | 26.4 | 30.8 | 35.1 | 5.4 | 29.6 | 5.48 |
| — | — | — | — | — | 17.5 | 20.4 | 23.7 | 28.6 | 32.3 | 36.5 | 40.6 | 4.4 | 24.6 | 5.59 |
| — | — | 16.3 | 20.1 | 22.8 | 25.4 | 28.0 | 31.1 | 35.7 | 39.3 | 43.4 | 47.4 | 3.2 | 18.0 | 5.63 |
| — | — | — | — | — | — | — | — | 22.5 | 26.5 | 30.9 | 35.2 | 5.2 | 29.6 | 5.69 |
| — | — | — | — | — | — | — | — | — | — | — | 25.2 | 6.6 | 37.6 | 5.70 |
| **0.0** | **0.0** | **0.85** | **0.91** | **0.94** | **0.97** | **0.99** | **1.02** | **1.05** | **1.07** | **1.10** | **1.12** | | | |
| — | — | 14.3 | 18.3 | 21.0 | 23.7 | 26.3 | 29.5 | 34.1 | 37.7 | 41.8 | 45.9 | 3.4 | 19.6 | 5.76 |
| — | — | — | — | — | 17.6 | 20.5 | 23.8 | 28.7 | 32.4 | 36.6 | 40.8 | 4.2 | 24.6 | 5.86 |
| — | — | — | — | — | — | — | — | — | — | — | 25.3 | 6.4 | 37.6 | 5.87 |
| — | — | — | — | — | — | — | — | 22.6 | 26.6 | 31.0 | 35.3 | 5.0 | 29.6 | 5.92 |
| — | — | 16.4 | 20.3 | 22.9 | 25.6 | 28.2 | 31.3 | 35.9 | 39.4 | 43.5 | 47.6 | 3.0 | 18.0 | 6.00 |
| **0.0** | **0.0** | **0.79** | **0.87** | **0.91** | **0.95** | **0.97** | **1.00** | **1.04** | **1.06** | **1.09** | **1.11** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 25.4 | 6.2 | 37.6 | 6.06 |
| — | — | 14.4 | 18.4 | 21.2 | 23.8 | 26.5 | 29.6 | 34.3 | 37.9 | 41.9 | 46.0 | 3.2 | 19.6 | 6.12 |
| — | — | — | — | — | 17.7 | 20.6 | 24.0 | 28.8 | 32.6 | 36.7 | 40.9 | 4.0 | 24.6 | 6.15 |
| — | — | — | — | — | — | — | — | 22.8 | 26.8 | 31.2 | 35.5 | 4.8 | 29.6 | 6.17 |
| — | — | — | — | — | — | — | — | — | — | — | 25.5 | 6.0 | 37.6 | 6.27 |
| **0.0** | **0.0** | **0.79** | **0.87** | **0.91** | **0.95** | **0.97** | **1.00** | **1.04** | **1.06** | **1.09** | **1.11** | | | |
| — | — | — | — | — | — | — | — | 22.9 | 26.9 | 31.3 | 35.6 | 4.6 | 29.6 | 6.43 |
| — | — | — | — | — | 17.8 | 20.7 | 24.1 | 29.0 | 32.7 | 36.9 | 41.0 | 3.8 | 24.6 | 6.47 |
| — | — | — | — | — | — | — | — | — | — | — | 25.6 | 5.8 | 37.6 | 6.48 |
| — | — | 14.5 | 18.5 | 21.3 | 24.0 | 26.6 | 29.7 | 34.4 | 38.0 | 42.1 | 46.2 | 3.0 | 19.6 | 6.53 |
| — | — | — | — | — | — | — | — | — | — | — | 25.7 | 5.6 | 37.6 | 6.71 |
| **0.0** | **0.0** | **0.78** | **0.87** | **0.91** | **0.94** | **0.97** | **1.00** | **1.04** | **1.06** | **1.09** | **1.11** | | | |
| — | — | — | — | — | — | — | — | 23.0 | 27.0 | 31.4 | 35.7 | 4.4 | 29.6 | 6.73 |
| — | — | — | — | — | 17.9 | 20.9 | 24.2 | 29.1 | 32.8 | 37.0 | 41.2 | 3.6 | 24.6 | 6.83 |
| — | — | — | — | — | — | — | — | — | — | — | 25.9 | 5.4 | 37.6 | 6.96 |
| — | — | — | — | — | — | — | — | 23.1 | 27.1 | 31.5 | 35.9 | 4.2 | 29.6 | 7.05 |
| — | — | — | — | — | — | — | — | — | — | — | 26.0 | 5.2 | 37.6 | 7.23 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** | **0.88** | **0.93** | **0.99** | **1.02** | **1.05** | **1.08** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# A Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda A/AX | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | Impuls. RPM | HP por Banda A | HP por Banda AX | 26 | 31 | 35 | 38 | 42 | 46 | 51 |
| 7.24 | 3.4 | 24.6 | 484 | 4.44 | 5.32 | 242 | 2.89 | 3.28 | 160 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 7.40 | 4.0 | 29.6 | 473 | 6.18 | 7.15 | 236 | 3.96 | 4.36 | 157 | 2.89 | 3.14 | — | — | — | — | — | — | — |
| 7.52 | 5.0 | 37.6 | 465 | 8.76 | 9.92 | 233 | 5.68 | 6.10 | 154 | 4.12 | 4.38 | — | — | — | — | — | — | — |
| 7.69 | 3.2 | 24.6 | 455 | 3.83 | 4.69 | 228 | 2.52 | 2.91 | 151 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 7.79 | 3.8 | 29.6 | 449 | 5.62 | 6.55 | 225 | 3.61 | 4.00 | 149 | 2.64 | 2.89 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 7.83 | 4.8 | 37.6 | 447 | 8.28 | 9.40 | 223 | 5.34 | 5.76 | 148 | 3.87 | 4.13 | — | — | — | — | — | — | — |
| 8.17 | 4.6 | 37.6 | 428 | 7.78 | 8.85 | 214 | 5.00 | 5.42 | 142 | 3.63 | 3.89 | — | — | — | — | — | — | — |
| 8.20 | 3.0 | 24.6 | 427 | 3.20 | 4.04 | 213 | 2.15 | 2.54 | 141 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| 8.22 | 3.6 | 29.6 | 426 | 5.04 | 5.94 | 213 | 3.25 | 3.64 | 141 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| 8.55 | 4.4 | 37.6 | 410 | 7.27 | 8.30 | 205 | 4.66 | 5.07 | 136 | 3.38 | 3.64 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 8.71 | 3.4 | 29.6 | 402 | 4.44 | 5.32 | 201 | 2.89 | 3.28 | 133 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 8.95 | 4.2 | 37.6 | 391 | 6.73 | 7.73 | 195 | 4.31 | 4.72 | 130 | 3.14 | 3.39 | — | — | — | — | — | — | — |
| 9.25 | 3.2 | 29.6 | 378 | 3.83 | 4.69 | 189 | 2.52 | 2.91 | 125 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 9.40 | 4.0 | 37.6 | 372 | 6.18 | 7.15 | 186 | 3.96 | 4.36 | 123 | 2.89 | 3.14 | — | — | — | — | — | — | — |
| 9.87 | 3.0 | 29.6 | 355 | 3.20 | 4.05 | 177 | 2.15 | 2.54 | 118 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 9.89 | 3.8 | 37.6 | 354 | 5.62 | 6.55 | 177 | 3.61 | 4.00 | 117 | 2.64 | 2.89 | — | — | — | — | — | — | — |
| 10.44 | 3.6 | 37.6 | 335 | 5.04 | 5.95 | 168 | 3.25 | 3.64 | 111 | 2.38 | 2.63 | — | — | — | — | — | — | — |
| 11.06 | 3.4 | 37.6 | 316 | 4.44 | 5.32 | 158 | 2.89 | 3.28 | 105 | 2.13 | 2.38 | — | — | — | — | — | — | — |
| 11.75 | 3.2 | 37.6 | 298 | 3.83 | 4.69 | 149 | 2.52 | 2.91 | 99 | 1.87 | 2.12 | — | — | — | — | — | — | — |
| 12.53 | 3.0 | 37.6 | 279 | 3.20 | 4.05 | 140 | 2.16 | 2.54 | 93 | 1.61 | 1.86 | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda A/AX | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 55 | 60 | 68 | 75 | 80 | 85 | 90 | 96 | 105 | 112 | 120 | 128 | | | |
| — | — | — | — | — | 18.0 | 21.0 | 24.4 | 29.2 | 33.0 | 37.1 | 41.3 | 3.4 | 24.6 | 7.24 |
| — | — | — | — | — | — | — | — | 23.2 | 27.3 | 31.7 | 36.0 | 4.0 | 29.6 | 7.40 |
| — | — | — | — | — | — | — | — | — | — | — | 26.1 | 5.0 | 37.6 | 7.52 |
| — | — | — | — | — | 18.2 | 21.1 | 24.5 | 29.4 | 33.1 | 37.3 | 41.4 | 3.2 | 24.6 | 7.69 |
| — | — | — | — | — | — | — | — | 23.4 | 27.4 | 31.8 | 36.1 | 3.8 | 29.6 | 7.79 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** | **0.88** | **0.93** | **0.99** | **1.02** | **1.05** | **1.08** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 26.2 | 4.8 | 37.6 | 7.83 |
| — | — | — | — | — | — | — | — | — | — | — | 26.3 | 4.6 | 37.6 | 8.17 |
| — | — | — | — | — | 18.3 | 21.2 | 24.6 | 29.5 | 33.2 | 37.4 | 41.6 | 3.0 | 24.6 | 8.20 |
| — | — | — | — | — | — | — | — | 23.5 | 27.5 | 31.9 | 36.2 | 3.6 | 29.6 | 8.22 |
| — | — | — | — | — | — | — | — | — | — | — | 26.5 | 4.4 | 37.6 | 8.55 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** | **0.88** | **0.93** | **0.99** | **1.02** | **1.05** | **1.08** | | | |
| — | — | — | — | — | — | — | — | 23.6 | 27.6 | 32.1 | 36.4 | 3.4 | 29.6 | 8.71 |
| — | — | — | — | — | — | — | — | — | — | — | 26.6 | 4.2 | 37.6 | 8.95 |
| — | — | — | — | — | — | — | — | 23.7 | 27.7 | 32.2 | 36.5 | 3.2 | 29.6 | 9.25 |
| — | — | — | — | — | — | — | — | — | — | — | 26.7 | 4.0 | 37.6 | 9.40 |
| — | — | — | — | — | — | — | 18.2 | 23.8 | 27.9 | 32.3 | 36.6 | 3.0 | 29.6 | 9.87 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.73** | **0.88** | **0.95** | **1.00** | **1.03** | | | |
| — | — | — | — | — | — | — | — | — | — | — | 26.8 | 3.8 | 37.6 | 9.89 |
| — | — | — | — | — | — | — | — | — | — | — | 26.9 | 3.6 | 37.6 | 10.44 |
| — | — | — | — | — | — | — | — | — | — | — | 27.0 | 3.4 | 37.6 | 11.06 |
| — | — | — | — | — | — | — | — | — | — | — | 27.2 | 3.2 | 37.6 | 11.75 |
| — | — | — | — | — | — | — | — | — | — | — | 27.3 | 3.0 | 37.6 | 12.53 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.87** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.00 | 3.4 | 3.4 | 3500 | 0.0 | 3.34 | 1750 | 0.91 | 2.57 | 1160 | 0.94 | 2.00 | 13.1 | 14.6 | 16.6 | 18.6 | 21.1 | 25.6 |
| 1.00 | 3.6 | 3.6 | 3500 | 0.67 | 4.38 | 1750 | 1.49 | 3.17 | 1160 | 1.34 | 2.42 | 12.7 | 14.2 | 16.2 | 18.2 | 20.7 | 25.2 |
| 1.00 | 3.8 | 3.8 | 3500 | 1.59 | 5.39 | 1750 | 2.06 | 3.77 | 1160 | 1.75 | 2.83 | 12.4 | 13.9 | 15.9 | 17.9 | 20.4 | 24.9 |
| 1.00 | 4.0 | 4.0 | 3500 | 2.50 | 6.38 | 1750 | 2.62 | 4.36 | 1160 | 2.15 | 3.25 | 12.1 | 13.6 | 15.6 | 17.6 | 20.1 | 24.6 |
| 1.00 | 4.2 | 4.2 | 3500 | 3.37 | 7.35 | 1750 | 3.18 | 4.95 | 1160 | 2.55 | 3.66 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 | 24.3 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.00 | 4.4 | 4.4 | 3500 | 4.22 | 8.30 | 1750 | 3.74 | 5.53 | 1160 | 2.94 | 4.06 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 | 24.0 |
| 1.00 | 4.6 | 4.6 | 3500 | 5.04 | 9.22 | 1750 | 4.29 | 6.10 | 1160 | 3.33 | 4.47 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 | 23.7 |
| 1.00 | 4.8 | 4.8 | 3500 | 5.84 | 10.12 | 1750 | 4.83 | 6.67 | 1160 | 3.72 | 4.88 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 | 23.4 |
| 1.00 | 5.0 | 5.0 | 3500 | 6.60 | 11.00 | 1750 | 5.37 | 7.24 | 1160 | 4.11 | 5.28 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.00 | 5.2 | 5.2 | 3500 | 7.34 | 11.86 | 1750 | 5.90 | 7.80 | 1160 | 4.50 | 5.68 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.00 | 5.4 | 5.4 | 3500 | 8.04 | 12.69 | 1750 | 6.43 | 8.36 | 1160 | 4.88 | 6.07 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.00 | 5.6 | 5.6 | 3500 | 8.72 | 13.49 | 1750 | 6.95 | 8.91 | 1160 | 5.26 | 6.47 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| 1.00 | 5.8 | 5.8 | 3500 | 9.36 | 14.27 | 1750 | 7.46 | 9.46 | 1160 | 5.64 | 6.86 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 | 21.8 |
| 1.00 | 6.0 | 6.0 | 3500 | 9.96 | 15.03 | 1750 | 7.97 | 10.00 | 1160 | 6.01 | 7.25 | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 | 21.5 |
| 1.00 | 6.2 | 6.2 | 3500 | 10.54 | 15.75 | 1750 | 8.47 | 10.54 | 1160 | 6.38 | 7.64 | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 | 21.2 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.00 | 6.4 | 6.4 | 3500 | 11.08 | 16.45 | 1750 | 8.97 | 11.07 | 1160 | 6.75 | 8.03 | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 | 20.8 |
| 1.00 | 6.6 | 6.6 | 3500 | 11.58 | 17.12 | 1750 | 9.46 | 11.60 | 1160 | 7.12 | 8.41 | — | 9.5 | 11.5 | 13.5 | 16.0 | 20.5 |
| 1.00 | 6.8 | 6.8 | 3500 | 12.05 | 17.76 | 1750 | 9.95 | 12.13 | 1160 | 7.48 | 8.80 | — | 9.2 | 11.2 | 13.2 | 15.7 | 20.2 |
| 1.00 | 7.0 | 7.0 | 3500 | 12.48 | 18.37 | 1750 | 10.43 | 12.64 | 1160 | 7.85 | 9.18 | — | 8.9 | 10.9 | 12.9 | 15.4 | 19.9 |
| 1.00 | 7.4 | 7.4 | + | + | + | 1750 | 11.37 | 13.67 | 1160 | 8.56 | 9.93 | — | — | 10.3 | 12.3 | 14.8 | 19.3 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.00 | 8.0 | 8.0 | + | + | + | 1750 | 12.73 | 15.16 | 1160 | 9.62 | 11.05 | — | — | — | 11.3 | 13.8 | 18.3 |
| 1.00 | 8.6 | 8.6 | + | + | + | 1750 | 14.03 | 16.61 | 1160 | 10.66 | 12.15 | — | — | — | — | 12.9 | 17.4 |
| 1.00 | 9.4 | 9.4 | + | + | + | 1750 | 15.68 | 18.46 | 1160 | 12.00 | 13.58 | — | — | — | — | 11.6 | 16.1 |
| 1.03 | 5.8 | 6.0 | 3383 | 9.64 | 14.52 | 1692 | 7.60 | 9.58 | 1121 | 5.73 | 6.94 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| 1.03 | 6.0 | 6.2 | 3387 | 10.25 | 15.27 | 1694 | 8.11 | 10.12 | 1123 | 6.10 | 7.33 | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 | 21.3 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.03 | 6.2 | 6.4 | 3391 | 10.82 | 15.99 | 1695 | 8.62 | 10.66 | 1124 | 6.48 | 7.72 | 8.5 | 10.0 | 12.0 | 14.0 | 16.5 | 21.0 |
| 1.03 | 6.4 | 6.6 | 3394 | 11.36 | 16.69 | 1697 | 9.11 | 11.20 | 1125 | 6.85 | 8.11 | — | 9.7 | 11.7 | 13.7 | 16.2 | 20.7 |
| 1.03 | 6.6 | 6.8 | 3397 | 11.87 | 17.36 | 1699 | 9.60 | 11.72 | 1126 | 7.21 | 8.50 | — | 9.4 | 11.4 | 13.4 | 15.9 | 20.4 |
| 1.03 | 6.8 | 7.0 | 3400 | 12.33 | 18.00 | 1700 | 10.09 | 12.25 | 1127 | 7.58 | 8.88 | — | 9.1 | 11.1 | 13.1 | 15.6 | 20.1 |
| 1.04 | 4.6 | 4.8 | 3354 | 5.41 | 9.54 | 1677 | 4.47 | 6.26 | 1112 | 3.46 | 4.58 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.04 | 4.8 | 5.0 | 3360 | 6.21 | 10.44 | 1680 | 5.02 | 6.83 | 1114 | 3.85 | 4.98 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.04 | 5.0 | 5.2 | 3365 | 6.97 | 11.32 | 1683 | 5.55 | 7.40 | 1115 | 4.23 | 5.38 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 | 22.9 |
| 1.04 | 5.2 | 5.4 | 3370 | 7.71 | 12.17 | 1685 | 6.08 | 7.96 | 1117 | 4.62 | 5.78 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 | 22.6 |
| 1.04 | 5.4 | 5.6 | 3375 | 8.41 | 13.00 | 1687 | 6.61 | 8.52 | 1119 | 5.00 | 6.18 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 | 22.3 |
| 1.04 | 5.6 | 5.8 | 3379 | 9.08 | 13.81 | 1690 | 7.13 | 9.07 | 1120 | 5.38 | 6.57 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.05 | 3.8 | 4.0 | 3325 | 2.04 | 5.77 | 1662 | 2.28 | 3.96 | 1102 | 1.90 | 2.96 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 | 24.8 |
| 1.05 | 4.0 | 4.2 | 3333 | 2.95 | 6.76 | 1667 | 2.85 | 4.55 | 1105 | 2.30 | 3.37 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 | 24.5 |
| 1.05 | 4.2 | 4.4 | 3341 | 3.82 | 7.73 | 1670 | 3.41 | 5.14 | 1107 | 2.70 | 3.78 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 | 24.1 |
| 1.05 | 4.4 | 4.6 | 3348 | 4.67 | 8.68 | 1674 | 3.96 | 5.72 | 1110 | 3.09 | 4.19 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.06 | 3.4 | 3.6 | 3306 | 0.24 | 3.79 | 1653 | 1.17 | 2.80 | 1096 | 1.11 | 2.15 | 12.9 | 14.4 | 16.4 | 18.4 | 20.9 | 25.4 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.06 | 3.6 | 3.8 | 3316 | 1.19 | 4.83 | 1658 | 1.75 | 3.40 | 1099 | 1.52 | 2.57 | 12.6 | 14.1 | 16.1 | 18.1 | 20.6 | 25.1 |
| 1.06 | 6.2 | 6.6 | 3288 | 11.06 | 16.20 | 1644 | 8.74 | 10.77 | 1090 | 6.56 | 7.79 | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 | 20.8 |
| 1.06 | 6.4 | 6.8 | 3294 | 11.60 | 16.90 | 1647 | 9.23 | 11.30 | 1092 | 6.93 | 8.18 | — | 9.5 | 11.5 | 13.5 | 16.0 | 20.5 |
| 1.06 | 6.6 | 7.0 | 3300 | 12.11 | 17.57 | 1650 | 9.73 | 11.83 | 1094 | 7.29 | 8.56 | — | 9.2 | 11.2 | 13.2 | 15.7 | 20.2 |
| 1.06 | 7.0 | 7.4 | 3311 | 13.01 | 18.82 | 1655 | 10.69 | 12.87 | 1097 | 8.02 | 9.33 | — | — | 10.6 | 12.6 | 15.1 | 19.6 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.77 | 0.79 | 0.81 | 0.83 | 0.86 | 0.90 |
| 1.07 | 5.4 | 5.8 | 3259 | 8.64 | 13.20 | 1629 | 6.73 | 8.62 | 1080 | 5.08 | 6.24 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| 1.07 | 5.6 | 6.0 | 3267 | 9.31 | 14.01 | 1633 | 7.25 | 9.17 | 1083 | 5.46 | 6.64 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 | 21.8 |
| 1.07 | 5.8 | 6.2 | 3274 | 9.95 | 14.79 | 1637 | 7.76 | 9.72 | 1085 | 5.83 | 7.03 | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 | 21.5 |
| 1.07 | 6.0 | 6.4 | 3281 | 10.56 | 15.54 | 1641 | 8.27 | 10.26 | 1088 | 6.21 | 7.42 | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 | 21.2 |
| 1.07 | 8.0 | 8.6 | + | + | + | 1628 | 13.03 | 15.42 | 1079 | 9.82 | 11.22 | — | — | — | 10.9 | 13.4 | 17.9 |
| | | | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | 0.76 | 0.78 | 0.81 | 0.83 | 0.86 | 0.90 |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 29.6 | 33.1 | 36.1 | 38.1 | 40.6 | 44.1 | 48.1 | 51.6 | 55.6 | 59.6 | 74.6 | 85.6 | 100.6 | 114.8 | 144.8 | 3.4 | 3.4 | 1.00 |
| 29.2 | 32.7 | 35.7 | 37.7 | 40.2 | 43.7 | 47.7 | 51.2 | 55.2 | 59.2 | 74.2 | 85.2 | 100.2 | 114.5 | 144.5 | 3.6 | 3.6 | 1.00 |
| 28.9 | 32.4 | 35.4 | 37.4 | 39.9 | 43.4 | 47.4 | 50.9 | 54.9 | 58.9 | 73.9 | 84.9 | 99.9 | 114.2 | 144.2 | 3.8 | 3.8 | 1.00 |
| 28.6 | 32.1 | 35.1 | 37.1 | 39.6 | 43.1 | 47.1 | 50.6 | 54.6 | 58.6 | 73.6 | 84.6 | 99.6 | 113.9 | 143.9 | 4.0 | 4.0 | 1.00 |
| 28.3 | 31.8 | 34.8 | 36.8 | 39.3 | 42.8 | 46.8 | 50.3 | 54.3 | 58.3 | 73.3 | 84.3 | 99.3 | 113.6 | 143.6 | 4.2 | 4.2 | 1.00 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 4.4 | 4.4 | 1.00 |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 4.6 | 4.6 | 1.00 |
| 27.4 | 30.9 | 33.9 | 35.9 | 38.4 | 41.9 | 45.9 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 4.8 | 4.8 | 1.00 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 5.0 | 5.0 | 1.00 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 5.2 | 5.2 | 1.00 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 5.4 | 5.4 | 1.00 |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.4 | 141.4 | 5.6 | 5.6 | 1.00 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 5.8 | 5.8 | 1.00 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 6.0 | 6.0 | 1.00 |
| 25.2 | 28.7 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.2 | 51.2 | 55.2 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 6.2 | 6.2 | 1.00 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 6.4 | 6.4 | 1.00 |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 6.6 | 6.6 | 1.00 |
| 24.2 | 27.7 | 30.7 | 32.7 | 35.2 | 38.7 | 42.7 | 46.2 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.5 | 139.5 | 6.8 | 6.8 | 1.00 |
| 23.9 | 27.4 | 30.4 | 32.4 | 34.9 | 38.4 | 42.4 | 45.9 | 49.9 | 53.9 | 68.9 | 79.9 | 94.9 | 109.2 | 139.2 | 7.0 | 7.0 | 1.00 |
| 23.3 | 26.8 | 29.8 | 31.8 | 34.3 | 37.8 | 41.8 | 45.3 | 49.3 | 53.3 | 68.3 | 79.3 | 94.3 | 108.5 | 138.5 | 7.4 | 7.4 | 1.00 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 22.3 | 25.8 | 28.8 | 30.8 | 33.3 | 36.8 | 40.8 | 44.3 | 48.3 | 52.3 | 67.3 | 78.3 | 93.3 | 107.6 | 137.6 | 8.0 | 8.0 | 1.00 |
| 21.4 | 24.9 | 27.9 | 29.9 | 32.4 | 35.9 | 39.9 | 43.4 | 47.4 | 51.4 | 66.4 | 77.4 | 92.4 | 106.6 | 136.6 | 8.6 | 8.6 | 1.00 |
| 20.1 | 23.6 | 26.6 | 28.6 | 31.1 | 34.6 | 38.6 | 42.1 | 46.1 | 50.1 | 65.1 | 76.1 | 91.1 | 105.4 | 135.4 | 9.4 | 9.4 | 1.00 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 5.8 | 6.0 | 1.03 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 6.0 | 6.2 | 1.03 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 25.0 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.3 | 140.3 | 6.2 | 6.4 | 1.03 |
| 24.7 | 28.2 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.7 | 50.7 | 54.7 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 6.4 | 6.6 | 1.03 |
| 24.4 | 27.9 | 30.9 | 32.9 | 35.4 | 38.9 | 42.9 | 46.4 | 50.4 | 54.4 | 69.4 | 80.4 | 95.4 | 109.6 | 139.6 | 6.6 | 6.8 | 1.03 |
| 24.1 | 27.6 | 30.6 | 32.6 | 35.1 | 38.6 | 42.6 | 46.1 | 50.1 | 54.1 | 69.1 | 80.1 | 95.1 | 109.3 | 139.3 | 6.8 | 7.0 | 1.03 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 4.6 | 4.8 | 1.04 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.5 | 142.5 | 4.8 | 5.0 | 1.04 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 5.0 | 5.2 | 1.04 |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 5.2 | 5.4 | 1.04 |
| 26.3 | 29.8 | 32.8 | 34.8 | 37.3 | 40.8 | 44.8 | 48.3 | 52.3 | 56.3 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 5.4 | 5.6 | 1.04 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 5.6 | 5.8 | 1.04 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.8 | 32.3 | 35.3 | 37.3 | 39.8 | 43.3 | 47.3 | 50.8 | 54.8 | 58.8 | 73.8 | 84.8 | 99.8 | 114.0 | 144.0 | 3.8 | 4.0 | 1.05 |
| 28.5 | 32.0 | 35.0 | 37.0 | 39.5 | 43.0 | 47.0 | 50.5 | 54.5 | 58.5 | 73.5 | 84.5 | 99.5 | 113.7 | 143.7 | 4.0 | 4.2 | 1.05 |
| 28.1 | 31.6 | 34.6 | 36.6 | 39.1 | 42.6 | 46.6 | 50.1 | 54.1 | 58.1 | 73.1 | 84.1 | 99.1 | 113.4 | 143.4 | 4.2 | 4.4 | 1.05 |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 4.4 | 4.6 | 1.05 |
| 29.4 | 32.9 | 35.9 | 37.9 | 40.4 | 43.9 | 47.9 | 51.4 | 55.4 | 59.4 | 74.4 | 85.4 | 100.4 | 114.7 | 144.7 | 3.4 | 3.6 | 1.06 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 29.1 | 32.6 | 35.6 | 37.6 | 40.1 | 43.6 | 47.6 | 51.1 | 55.1 | 59.1 | 74.1 | 85.1 | 100.1 | 114.3 | 144.3 | 3.6 | 3.8 | 1.06 |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 6.2 | 6.6 | 1.06 |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 6.4 | 6.8 | 1.06 |
| 24.2 | 27.7 | 30.7 | 32.7 | 35.2 | 38.7 | 42.7 | 46.2 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.5 | 139.5 | 6.6 | 7.0 | 1.06 |
| 23.6 | 27.1 | 30.1 | 32.1 | 34.6 | 38.1 | 42.1 | 45.6 | 49.6 | 53.6 | 68.6 | 79.6 | 94.6 | 108.8 | 138.8 | 7.0 | 7.4 | 1.06 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.4 | 141.4 | 5.4 | 5.8 | 1.07 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 5.6 | 6.0 | 1.07 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 5.8 | 6.2 | 1.07 |
| 25.2 | 28.7 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.2 | 51.2 | 55.2 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 6.0 | 6.4 | 1.07 |
| 21.9 | 25.4 | 28.4 | 30.4 | 32.9 | 36.4 | 40.4 | 43.9 | 47.9 | 51.9 | 66.9 | 77.9 | 92.9 | 107.1 | 137.1 | 8.0 | 8.6 | 1.07 |
| **0.93** | **0.95** | **0.97** | **0.99** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | Banda B | HP por Banda BX | HP por Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.08 | 4.8 | 5.2 | 3231 | 6.50 | 10.70 | 1615 | 5.16 | 6.96 | 1071 | 3.95 | 5.06 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.08 | 5.0 | 5.4 | 3241 | 7.27 | 11.57 | 1620 | 5.70 | 7.53 | 1074 | 4.33 | 5.47 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.08 | 5.2 | 5.6 | 3250 | 8.00 | 12.43 | 1625 | 6.23 | 8.09 | 1077 | 4.72 | 5.87 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.08 | 7.4 | 8.0 | + | + | + | 1619 | 11.70 | 13.95 | 1073 | 8.79 | 10.12 | — | — | 9.8 | 11.8 | 14.3 | 18.8 |
| 1.09 | 4.4 | 4.8 | 3208 | 4.95 | 8.92 | 1604 | 4.10 | 5.84 | 1063 | 3.18 | 4.27 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 | 23.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.09 | 4.6 | 5.0 | 3220 | 5.78 | 9.85 | 1610 | 4.65 | 6.42 | 1067 | 3.58 | 4.68 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 | 23.4 |
| 1.09 | 6.4 | 7.0 | 3200 | 11.81 | 17.08 | 1600 | 9.34 | 11.39 | 1061 | 7.00 | 8.24 | — | 9.4 | 11.4 | 13.4 | 15.9 | 20.4 |
| 1.09 | 6.8 | 7.4 | 3216 | 12.78 | 18.38 | 1608 | 10.31 | 12.44 | 1066 | 7.73 | 9.01 | — | — | 10.7 | 12.7 | 15.2 | 19.7 |
| 1.09 | 8.6 | 9.4 | + | + | + | 1601 | 14.40 | 16.92 | 1061 | 10.90 | 12.36 | — | — | — | — | 12.3 | 16.8 |
| 1.10 | 4.0 | 4.4 | 3182 | 3.29 | 7.06 | 1591 | 3.02 | 4.70 | 1055 | 2.41 | 3.47 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 | 24.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.10 | 4.2 | 4.6 | 3196 | 4.17 | 8.03 | 1598 | 3.58 | 5.29 | 1059 | 2.81 | 3.88 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 | 24.0 |
| 1.10 | 5.8 | 6.4 | 3172 | 10.15 | 14.95 | 1586 | 7.86 | 9.80 | 1051 | 5.90 | 7.09 | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 | 21.3 |
| 1.10 | 6.0 | 6.6 | 3182 | 10.76 | 15.71 | 1591 | 8.37 | 10.34 | 1055 | 6.27 | 7.48 | 8.5 | 10.0 | 12.0 | 14.0 | 16.5 | 21.0 |
| 1.10 | 6.2 | 6.8 | 3191 | 11.33 | 16.43 | 1596 | 8.87 | 10.88 | 1058 | 6.65 | 7.87 | — | 9.7 | 11.7 | 13.7 | 16.2 | 20.7 |
| 1.11 | 3.6 | 4.0 | 3150 | 1.52 | 5.11 | 1575 | 1.91 | 3.54 | 1044 | 1.63 | 2.66 | 12.4 | 13.9 | 15.9 | 17.9 | 20.4 | 24.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.79** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.11 | 3.8 | 4.2 | 3167 | 2.45 | 6.12 | 1583 | 2.49 | 4.14 | 1050 | 2.03 | 3.07 | 12.1 | 13.6 | 15.6 | 17.6 | 20.1 | 24.6 |
| 1.11 | 5.4 | 6.0 | 3150 | 8.89 | 13.42 | 1575 | 6.85 | 8.72 | 1044 | 5.16 | 6.32 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| 1.11 | 5.6 | 6.2 | 3161 | 9.57 | 14.22 | 1581 | 7.37 | 9.28 | 1048 | 5.54 | 6.71 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| 1.12 | 3.4 | 3.8 | 3132 | 0.62 | 4.12 | 1566 | 1.36 | 2.96 | 1038 | 1.24 | 2.26 | 12.7 | 14.2 | 16.2 | 18.2 | 20.7 | 25.2 |
| 1.12 | 4.8 | 5.4 | 3111 | 6.75 | 10.90 | 1556 | 5.28 | 7.06 | 1031 | 4.03 | 5.13 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 | 22.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.79** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.12 | 5.0 | 5.6 | 3125 | 7.51 | 11.78 | 1563 | 5.82 | 7.63 | 1036 | 4.41 | 5.54 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 | 22.6 |
| 1.12 | 5.2 | 5.8 | 3138 | 8.25 | 12.64 | 1569 | 6.35 | 8.19 | 1040 | 4.80 | 5.93 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 | 22.3 |
| 1.12 | 6.6 | 7.4 | 3122 | 12.49 | 17.90 | 1561 | 9.92 | 11.99 | 1035 | 7.42 | 8.67 | — | 8.9 | 10.9 | 12.9 | 15.4 | 19.9 |
| 1.13 | 4.6 | 5.2 | 3096 | 6.00 | 10.04 | 1548 | 4.77 | 6.51 | 1026 | 3.65 | 4.74 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.13 | 6.0 | 6.8 | 3088 | 10.92 | 15.85 | 1544 | 8.45 | 10.41 | 1024 | 6.33 | 7.53 | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 | 20.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.13 | 6.2 | 7.0 | 3100 | 11.50 | 16.57 | 1550 | 8.95 | 10.95 | 1027 | 6.70 | 7.92 | — | 9.5 | 11.5 | 13.5 | 16.0 | 20.5 |
| 1.14 | 4.2 | 4.8 | 3062 | 4.38 | 8.21 | 1531 | 3.69 | 5.38 | 1015 | 2.88 | 3.94 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.14 | 4.4 | 5.0 | 3080 | 5.23 | 9.16 | 1540 | 4.24 | 5.96 | 1021 | 3.28 | 4.35 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.14 | 5.6 | 6.4 | 3062 | 9.73 | 14.36 | 1531 | 7.45 | 9.34 | 1015 | 5.59 | 6.76 | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 | 21.5 |
| 1.14 | 5.8 | 6.6 | 3076 | 10.37 | 15.14 | 1538 | 7.97 | 9.89 | 1019 | 5.97 | 7.15 | 8.7 | 10.2 | 12.2 | 14.2 | 16.7 | 21.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.14 | 7.0 | 8.0 | 3063 | 13.49 | 19.23 | 1531 | 10.93 | 13.08 | 1015 | 8.18 | 9.46 | — | — | 10.1 | 12.1 | 14.6 | 19.1 |
| 1.15 | 4.0 | 4.6 | 3043 | 3.55 | 7.28 | 1522 | 3.15 | 4.81 | 1009 | 2.50 | 3.55 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 | 24.1 |
| 1.15 | 5.2 | 6.0 | 3033 | 8.39 | 12.76 | 1517 | 6.43 | 8.26 | 1005 | 4.85 | 5.98 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| 1.15 | 5.4 | 6.2 | 3048 | 9.10 | 13.59 | 1524 | 6.95 | 8.81 | 1010 | 5.23 | 6.37 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 | 21.8 |
| 1.16 | 3.8 | 4.4 | 3023 | 2.70 | 6.33 | 1511 | 2.61 | 4.24 | 1002 | 2.11 | 3.15 | 12.0 | 13.5 | 15.5 | 17.5 | 20.0 | 24.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.16 | 5.0 | 5.8 | 3017 | 7.70 | 11.95 | 1509 | 5.92 | 7.71 | 1000 | 4.48 | 5.59 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.16 | 6.4 | 7.4 | 3027 | 12.18 | 17.39 | 1514 | 9.52 | 11.55 | 1003 | 7.12 | 8.34 | — | 9.0 | 11.1 | 13.1 | 15.6 | 20.1 |
| 1.16 | 7.4 | 8.6 | + | + | + | 1506 | 11.92 | 14.14 | 998 | 8.93 | 10.25 | — | — | — | 11.3 | 13.8 | 18.3 |
| 1.17 | 3.6 | 4.2 | 3000 | 1.81 | 5.36 | 1500 | 2.06 | 3.67 | 994 | 1.72 | 2.74 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 | 24.8 |
| 1.17 | 4.6 | 5.4 | 2981 | 6.19 | 10.20 | 1491 | 4.86 | 6.59 | 988 | 3.71 | 4.80 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.85** | **0.90** |
| 1.17 | 4.8 | 5.6 | 3000 | 6.98 | 11.11 | 1500 | 5.40 | 7.16 | 994 | 4.10 | 5.20 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.17 | 5.8 | 6.8 | 2985 | 10.50 | 15.25 | 1493 | 8.03 | 9.95 | 989 | 6.02 | 7.19 | 8.5 | 10.0 | 12.0 | 14.0 | 16.5 | 21.0 |
| 1.17 | 6.0 | 7.0 | 3000 | 11.11 | 16.01 | 1500 | 8.54 | 10.49 | 994 | 6.39 | 7.58 | — | 9.7 | 11.7 | 13.7 | 16.2 | 20.7 |
| 1.17 | 8.0 | 9.4 | + | + | + | 1489 | 13.30 | 15.65 | 987 | 10.00 | 11.38 | — | — | — | — | 12.7 | 17.2 |
| 1.17 | 9.4 | 11.0 | + | + | + | 1495 | 16.25 | 18.95 | 991 | 12.38 | 13.91 | — | — | — | — | — | 14.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.18 | 3.4 | 4.0 | 2975 | 0.90 | 4.36 | 1487 | 1.50 | 3.08 | 986 | 1.33 | 2.33 | 12.6 | 14.1 | 16.1 | 18.1 | 20.6 | 25.1 |
| 1.18 | 4.4 | 5.2 | 2962 | 5.41 | 9.31 | 1481 | 4.33 | 6.03 | 982 | 3.33 | 4.40 | 10.9 | 12.4 | 14.4 | 16.4 | 18.9 | 23.4 |
| 1.18 | 5.6 | 6.6 | 2970 | 9.90 | 14.51 | 1485 | 7.54 | 9.42 | 984 | 5.65 | 6.81 | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 | 21.3 |
| 1.18 | 6.8 | 8.0 | 2975 | 13.24 | 18.77 | 1487 | 10.54 | 12.63 | 986 | 7.88 | 9.13 | — | — | 10.3 | 12.3 | 14.8 | 19.3 |
| 1.19 | 4.2 | 5.0 | 2940 | 4.60 | 8.40 | 1470 | 3.80 | 5.47 | 974 | 2.95 | 4.00 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 | 23.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 4.8 | 5.2 | 1.08 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 5.0 | 5.4 | 1.08 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 5.2 | 5.6 | 1.08 |
| 22.8 | 26.3 | 29.3 | 31.3 | 33.8 | 37.3 | 41.3 | 44.8 | 48.8 | 52.8 | 67.8 | 78.8 | 93.8 | 108.1 | 138.1 | 7.4 | 8.0 | 1.08 |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 4.4 | 4.8 | 1.09 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.4 | 30.9 | 33.9 | 35.9 | 38.4 | 41.9 | 45.9 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 4.6 | 5.0 | 1.09 |
| 24.4 | 27.9 | 30.9 | 32.9 | 35.4 | 38.9 | 42.9 | 46.4 | 50.4 | 54.4 | 69.4 | 80.4 | 95.4 | 109.6 | 139.6 | 6.4 | 7.0 | 1.09 |
| 23.7 | 27.2 | 30.2 | 32.2 | 34.7 | 38.2 | 42.2 | 45.7 | 49.7 | 53.7 | 68.7 | 79.7 | 94.7 | 109.0 | 139.0 | 6.8 | 7.4 | 1.09 |
| 20.8 | 24.3 | 27.3 | 29.3 | 31.8 | 35.3 | 39.3 | 42.8 | 46.8 | 50.8 | 65.8 | 76.8 | 91.8 | 106.0 | 136.0 | 8.6 | 9.4 | 1.09 |
| 28.3 | 31.8 | 34.8 | 36.8 | 39.3 | 42.8 | 46.8 | 50.3 | 54.3 | 58.3 | 73.3 | 84.3 | 99.3 | 113.6 | 143.6 | 4.0 | 4.4 | 1.10 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 4.2 | 4.6 | 1.10 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 5.8 | 6.4 | 1.10 |
| 25.0 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.3 | 140.3 | 6.0 | 6.6 | 1.10 |
| 24.7 | 28.2 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.7 | 50.7 | 54.7 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 6.2 | 6.8 | 1.10 |
| 28.9 | 32.4 | 35.4 | 37.4 | 39.9 | 43.4 | 47.4 | 50.9 | 54.9 | 58.9 | 73.9 | 84.9 | 99.9 | 114.2 | 144.2 | 3.6 | 4.0 | 1.11 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.6 | 32.1 | 35.1 | 37.1 | 39.6 | 43.1 | 47.1 | 50.6 | 54.6 | 58.6 | 73.6 | 84.6 | 99.6 | 113.9 | 143.9 | 3.8 | 4.2 | 1.11 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 5.4 | 6.0 | 1.11 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 5.6 | 6.2 | 1.11 |
| 29.2 | 32.7 | 35.7 | 37.7 | 40.2 | 43.7 | 47.7 | 51.2 | 55.2 | 59.2 | 74.2 | 85.2 | 100.2 | 114.5 | 144.5 | 3.4 | 3.8 | 1.12 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 4.8 | 5.4 | 1.12 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 5.0 | 5.6 | 1.12 |
| 26.3 | 29.8 | 32.8 | 34.8 | 37.3 | 40.8 | 44.8 | 48.3 | 52.3 | 56.3 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 5.2 | 5.8 | 1.12 |
| 23.9 | 27.4 | 30.4 | 32.4 | 34.9 | 38.4 | 42.4 | 45.9 | 49.9 | 53.9 | 68.9 | 79.9 | 94.9 | 109.2 | 139.2 | 6.6 | 7.4 | 1.12 |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.5 | 142.5 | 4.6 | 5.2 | 1.13 |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 6.0 | 6.8 | 1.13 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 6.2 | 7.0 | 1.13 |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 4.2 | 4.8 | 1.14 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 4.4 | 5.0 | 1.14 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 5.6 | 6.4 | 1.14 |
| 25.2 | 28.7 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.2 | 51.2 | 55.2 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 5.8 | 6.6 | 1.14 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 23.1 | 26.6 | 29.6 | 31.6 | 34.1 | 37.6 | 41.6 | 45.1 | 49.1 | 53.1 | 68.1 | 79.1 | 94.1 | 108.4 | 138.4 | 7.0 | 8.0 | 1.14 |
| 28.1 | 31.6 | 34.6 | 36.6 | 39.1 | 42.6 | 46.6 | 50.1 | 54.1 | 58.1 | 73.1 | 84.1 | 99.1 | 113.4 | 143.4 | 4.0 | 4.6 | 1.15 |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.4 | 141.4 | 5.2 | 6.0 | 1.15 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 5.4 | 6.2 | 1.15 |
| 28.5 | 32.0 | 35.0 | 37.0 | 39.5 | 43.0 | 47.0 | 50.5 | 54.5 | 58.5 | 73.5 | 84.5 | 99.5 | 113.7 | 143.7 | 3.8 | 4.4 | 1.16 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 5.0 | 5.8 | 1.16 |
| 24.1 | 27.6 | 30.6 | 32.6 | 35.1 | 38.6 | 42.6 | 46.1 | 50.1 | 54.1 | 69.1 | 80.1 | 95.1 | 109.3 | 139.3 | 6.4 | 7.4 | 1.16 |
| 22.3 | 25.8 | 28.8 | 30.8 | 33.3 | 36.8 | 40.8 | 44.3 | 48.3 | 52.3 | 67.3 | 78.3 | 93.3 | 107.6 | 137.6 | 7.4 | 8.6 | 1.16 |
| 28.8 | 32.3 | 35.3 | 37.3 | 39.8 | 43.3 | 47.3 | 50.8 | 54.8 | 58.8 | 73.8 | 84.8 | 99.8 | 114.0 | 144.0 | 3.6 | 4.2 | 1.17 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 4.6 | 5.4 | 1.17 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 4.8 | 5.6 | 1.17 |
| 25.0 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.3 | 140.3 | 5.8 | 6.8 | 1.17 |
| 24.7 | 28.2 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.7 | 50.7 | 54.7 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 6.0 | 7.0 | 1.17 |
| 21.2 | 24.7 | 27.7 | 29.7 | 32.2 | 35.7 | 39.7 | 43.2 | 47.2 | 51.2 | 66.2 | 77.2 | 92.2 | 106.5 | 136.5 | 8.0 | 9.4 | 1.17 |
| 18.9 | 22.4 | 25.4 | 27.4 | 29.9 | 33.4 | 37.4 | 40.9 | 44.9 | 48.9 | 63.9 | 74.9 | 89.9 | 104.1 | 134.1 | 9.4 | 11.0 | 1.17 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 29.1 | 32.6 | 35.6 | 37.6 | 40.1 | 43.6 | 47.6 | 51.1 | 55.1 | 59.1 | 74.1 | 85.1 | 100.1 | 114.3 | 144.3 | 3.4 | 4.0 | 1.18 |
| 27.4 | 30.9 | 33.9 | 35.9 | 38.4 | 41.9 | 45.9 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 4.4 | 5.2 | 1.18 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 5.6 | 6.6 | 1.18 |
| 23.3 | 26.8 | 29.8 | 31.8 | 34.3 | 37.8 | 41.8 | 45.3 | 49.3 | 53.3 | 68.3 | 79.3 | 94.3 | 108.5 | 138.5 | 6.8 | 8.0 | 1.18 |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 4.2 | 5.0 | 1.19 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | Banda B | HP por Banda BX | HP por Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.19 | 5.2 | 6.2 | 2935 | 8.56 | 12.91 | 1468 | 6.51 | 8.33 | 973 | 4.90 | 6.02 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| 1.19 | 5.4 | 6.4 | 2953 | 9.27 | 13.74 | 1477 | 7.04 | 8.88 | 979 | 5.28 | 6.42 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| 1.19 | 6.2 | 7.4 | 2932 | 11.76 | 16.80 | 1466 | 9.09 | 11.07 | 972 | 6.79 | 7.99 | — | 9.2 | 11.2 | 13.2 | 15.7 | 20.2 |
| 1.20 | 4.0 | 4.8 | 2917 | 3.76 | 7.46 | 1458 | 3.25 | 4.90 | 967 | 2.57 | 3.60 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 | 24.0 |
| 1.20 | 5.0 | 6.0 | 2917 | 7.86 | 12.08 | 1458 | 6.00 | 7.78 | 967 | 4.53 | 5.64 | 9.7 | 11.2 | 13.3 | 15.3 | 17.8 | 22.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |
| 1.21 | 3.8 | 4.6 | 2891 | 2.89 | 6.50 | 1446 | 2.71 | 4.33 | 958 | 2.18 | 3.20 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 | 24.3 |
| 1.21 | 4.8 | 5.8 | 2897 | 7.13 | 11.23 | 1448 | 5.48 | 7.23 | 960 | 4.15 | 5.24 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 | 22.6 |
| 1.21 | 5.6 | 6.8 | 2882 | 10.01 | 14.60 | 1441 | 7.59 | 9.47 | 955 | 5.69 | 6.84 | 8.6 | 10.1 | 12.1 | 14.1 | 16.7 | 21.2 |
| 1.21 | 5.8 | 7.0 | 2900 | 10.65 | 15.38 | 1450 | 8.11 | 10.01 | 961 | 6.07 | 7.23 | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 | 20.8 |
| 1.21 | 6.6 | 8.0 | 2887 | 12.88 | 18.23 | 1444 | 10.11 | 12.16 | 957 | 7.55 | 8.78 | — | — | 10.4 | 12.4 | 14.9 | 19.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.22 | 3.6 | 4.4 | 2864 | 1.99 | 5.51 | 1432 | 2.15 | 3.74 | 949 | 1.78 | 2.79 | 12.1 | 13.6 | 15.6 | 17.6 | 20.1 | 24.6 |
| 1.22 | 4.6 | 5.6 | 2875 | 6.37 | 10.36 | 1437 | 4.95 | 6.67 | 953 | 3.77 | 4.85 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 | 22.9 |
| 1.22 | 5.4 | 6.6 | 2864 | 9.37 | 13.83 | 1432 | 7.09 | 8.93 | 949 | 5.32 | 6.45 | 9.0 | 10.5 | 12.5 | 14.5 | 17.0 | 21.5 |
| 1.23 | 4.4 | 5.4 | 2852 | 5.58 | 9.46 | 1426 | 4.42 | 6.11 | 945 | 3.39 | 4.45 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.23 | 5.2 | 6.4 | 2844 | 8.70 | 13.02 | 1422 | 6.58 | 8.39 | 942 | 4.95 | 6.06 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 | 21.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.23 | 6.0 | 7.4 | 2838 | 11.32 | 16.19 | 1419 | 8.65 | 10.59 | 941 | 6.46 | 7.64 | — | 9.3 | 11.4 | 13.4 | 15.9 | 20.4 |
| 1.23 | 7.0 | 8.6 | 2849 | 13.84 | 19.53 | 1424 | 11.11 | 13.23 | 944 | 8.30 | 9.56 | — | — | — | 11.6 | 14.1 | 18.6 |
| 1.24 | 3.4 | 4.2 | 2833 | 1.10 | 4.53 | 1417 | 1.61 | 3.17 | 939 | 1.40 | 2.39 | 12.4 | 13.9 | 15.9 | 17.9 | 20.4 | 24.9 |
| 1.24 | 4.2 | 5.2 | 2827 | 4.76 | 8.54 | 1413 | 3.88 | 5.54 | 937 | 3.01 | 4.05 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.24 | 5.0 | 6.2 | 2823 | 7.99 | 12.19 | 1411 | 6.06 | 7.84 | 935 | 4.57 | 5.67 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.86** | **0.90** |
| 1.25 | 4.0 | 5.0 | 2800 | 3.91 | 7.59 | 1400 | 3.33 | 4.97 | 928 | 2.62 | 3.65 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.25 | 4.8 | 6.0 | 2800 | 7.26 | 11.34 | 1400 | 5.54 | 7.28 | 928 | 4.19 | 5.28 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.25 | 5.6 | 7.0 | 2800 | 10.13 | 14.71 | 1400 | 7.66 | 9.52 | 928 | 5.73 | 6.87 | 8.5 | 10.0 | 12.0 | 14.0 | 16.5 | 21.0 |
| 1.25 | 6.4 | 8.0 | 2800 | 12.50 | 17.66 | 1400 | 9.68 | 11.68 | 928 | 7.22 | 8.43 | — | — | 10.6 | 12.6 | 15.1 | 19.6 |
| 1.26 | 3.8 | 4.8 | 2771 | 3.04 | 6.63 | 1385 | 2.78 | 4.39 | 918 | 2.23 | 3.24 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 | 24.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.85** | **0.89** |
| 1.26 | 4.6 | 5.8 | 2776 | 6.49 | 10.46 | 1388 | 5.01 | 6.72 | 920 | 3.81 | 4.88 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.26 | 5.4 | 6.8 | 2779 | 9.49 | 13.93 | 1390 | 7.15 | 8.98 | 921 | 5.36 | 6.48 | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 | 21.3 |
| 1.26 | 6.8 | 8.6 | 2767 | 13.49 | 19.00 | 1384 | 10.67 | 12.75 | 917 | 7.96 | 9.21 | — | — | 9.8 | 11.8 | 14.3 | 18.8 |
| 1.27 | 4.4 | 5.6 | 2750 | 5.69 | 9.56 | 1375 | 4.47 | 6.16 | 911 | 3.43 | 4.48 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.27 | 5.2 | 6.6 | 2758 | 8.81 | 13.12 | 1379 | 6.64 | 8.43 | 914 | 4.98 | 6.09 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |
| 1.27 | 7.4 | 9.4 | + | + | + | 1378 | 12.10 | 14.30 | 913 | 9.05 | 10.35 | — | — | — | 10.7 | 13.2 | 17.7 |
| 1.28 | 3.6 | 4.6 | 2739 | 2.16 | 5.66 | 1370 | 2.24 | 3.82 | 908 | 1.84 | 2.84 | 11.9 | 13.5 | 15.5 | 17.5 | 20.0 | 24.5 |
| 1.28 | 5.0 | 6.4 | 2734 | 8.10 | 12.28 | 1367 | 6.12 | 7.88 | 906 | 4.61 | 5.70 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| 1.28 | 5.8 | 7.4 | 2743 | 10.85 | 15.55 | 1372 | 8.21 | 10.10 | 909 | 6.13 | 7.29 | — | 9.5 | 11.5 | 13.5 | 16.0 | 20.5 |
| 1.28 | 8.6 | 11.0 | + | + | + | 1368 | 14.78 | 17.25 | 907 | 11.15 | 12.57 | — | — | — | — | — | 15.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.85** | **0.90** |
| 1.29 | 3.4 | 4.4 | 2705 | 1.23 | 4.65 | 1352 | 1.67 | 3.23 | 896 | 1.44 | 2.43 | 12.3 | 13.8 | 15.8 | 17.8 | 20.3 | 24.8 |
| 1.29 | 4.2 | 5.4 | 2722 | 4.89 | 8.65 | 1361 | 3.94 | 5.60 | 902 | 3.05 | 4.09 | 10.8 | 12.3 | 14.3 | 16.3 | 18.9 | 23.4 |
| 1.29 | 4.8 | 6.2 | 2710 | 7.36 | 11.43 | 1355 | 5.59 | 7.32 | 898 | 4.23 | 5.31 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 | 22.2 |
| 1.29 | 6.2 | 8.0 | 2712 | 12.06 | 17.05 | 1356 | 9.23 | 11.19 | 899 | 6.89 | 8.07 | — | — | 10.7 | 12.7 | 15.2 | 19.7 |
| 1.30 | 4.0 | 5.2 | 2692 | 4.04 | 7.70 | 1346 | 3.39 | 5.02 | 892 | 2.66 | 3.68 | 11.2 | 12.7 | 14.7 | 16.7 | 19.2 | 23.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.81** | **0.83** | **0.85** | **0.90** |
| 1.30 | 4.6 | 6.0 | 2683 | 6.58 | 10.54 | 1342 | 5.06 | 6.76 | 889 | 3.85 | 4.91 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 | 22.6 |
| 1.30 | 5.4 | 7.0 | 2700 | 9.58 | 14.01 | 1350 | 7.20 | 9.02 | 895 | 5.39 | 6.51 | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 | 21.1 |
| 1.30 | 6.6 | 8.6 | 2686 | 13.12 | 18.44 | 1343 | 10.23 | 12.26 | 890 | 7.63 | 8.85 | — | — | 9.9 | 11.9 | 14.4 | 18.9 |
| 1.31 | 5.2 | 6.8 | 2676 | 8.90 | 13.20 | 1338 | 6.68 | 8.47 | 887 | 5.01 | 6.12 | 8.9 | 10.4 | 12.4 | 14.5 | 17.0 | 21.5 |
| 1.32 | 3.8 | 5.0 | 2660 | 3.18 | 6.74 | 1330 | 2.85 | 4.45 | 882 | 2.27 | 3.28 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 | 24.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.78** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.32 | 4.4 | 5.8 | 2655 | 5.80 | 9.65 | 1328 | 4.53 | 6.20 | 880 | 3.47 | 4.51 | 10.4 | 11.9 | 13.9 | 15.9 | 18.4 | 22.9 |
| 1.32 | 5.0 | 6.6 | 2652 | 8.18 | 12.36 | 1326 | 6.16 | 7.92 | 879 | 4.64 | 5.73 | 9.3 | 10.8 | 12.8 | 14.8 | 17.3 | 21.8 |
| 1.32 | 5.6 | 7.4 | 2649 | 10.30 | 14.85 | 1324 | 7.74 | 9.59 | 878 | 5.78 | 6.92 | — | 9.6 | 11.7 | 13.7 | 16.2 | 20.7 |
| 1.32 | 9.4 | 12.4 | + | + | + | 1327 | 16.47 | 19.14 | 879 | 12.53 | 14.03 | — | — | — | — | — | 13.7 |
| 1.33 | 3.6 | 4.8 | 2625 | 2.27 | 5.75 | 1312 | 2.29 | 3.86 | 870 | 1.87 | 2.87 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 | 24.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |

A = BANDA-V ESTÁNDAR
AX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 5.2 | 6.2 | 1.19 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 5.4 | 6.4 | 1.19 |
| 24.2 | 27.7 | 30.7 | 32.7 | 35.2 | 38.7 | 42.7 | 46.2 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.5 | 139.5 | 6.2 | 7.4 | 1.19 |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 4.0 | 4.8 | 1.20 |
| 26.3 | 29.8 | 32.8 | 34.8 | 37.3 | 40.8 | 44.8 | 48.3 | 52.3 | 56.3 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 5.0 | 6.0 | 1.20 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.3 | 31.8 | 34.8 | 36.8 | 39.3 | 42.8 | 46.8 | 50.3 | 54.3 | 58.3 | 73.3 | 84.3 | 99.3 | 113.6 | 143.6 | 3.8 | 4.6 | 1.21 |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 4.8 | 5.8 | 1.21 |
| 25.2 | 28.7 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.2 | 51.2 | 55.2 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 5.6 | 6.8 | 1.21 |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 5.8 | 7.0 | 1.21 |
| 23.4 | 26.9 | 29.9 | 31.9 | 34.4 | 37.9 | 41.9 | 45.4 | 49.4 | 53.4 | 68.4 | 79.4 | 94.4 | 108.7 | 138.7 | 6.6 | 8.0 | 1.21 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.6 | 32.1 | 35.1 | 37.1 | 39.6 | 43.1 | 47.1 | 50.6 | 54.6 | 58.6 | 73.6 | 84.6 | 99.6 | 113.9 | 143.9 | 3.6 | 4.4 | 1.22 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 4.6 | 5.6 | 1.22 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 5.4 | 6.6 | 1.22 |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.5 | 142.5 | 4.4 | 5.4 | 1.23 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 5.2 | 6.4 | 1.23 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.4 | 27.9 | 30.9 | 32.9 | 35.4 | 38.9 | 42.9 | 46.4 | 50.4 | 54.4 | 69.4 | 80.4 | 95.4 | 109.6 | 139.6 | 6.0 | 7.4 | 1.23 |
| 22.6 | 26.1 | 29.1 | 31.1 | 33.6 | 37.1 | 41.1 | 44.6 | 48.6 | 52.6 | 67.6 | 78.6 | 93.6 | 107.9 | 137.9 | 7.0 | 8.6 | 1.23 |
| 28.9 | 32.4 | 35.4 | 37.4 | 39.9 | 43.4 | 47.4 | 50.9 | 54.9 | 58.9 | 73.9 | 84.9 | 99.9 | 114.2 | 144.2 | 3.4 | 4.2 | 1.24 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 4.2 | 5.2 | 1.24 |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.4 | 141.4 | 5.0 | 6.2 | 1.24 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 4.0 | 5.0 | 1.25 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 4.8 | 6.0 | 1.25 |
| 25.0 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.3 | 140.3 | 5.6 | 7.0 | 1.25 |
| 23.6 | 27.1 | 30.1 | 32.1 | 34.6 | 38.1 | 42.1 | 45.6 | 49.6 | 53.6 | 68.6 | 79.6 | 94.6 | 108.8 | 138.8 | 6.4 | 8.0 | 1.25 |
| 28.1 | 31.6 | 34.6 | 36.6 | 39.1 | 42.6 | 46.6 | 50.1 | 54.1 | 58.1 | 73.1 | 84.1 | 99.1 | 113.4 | 143.4 | 3.8 | 4.8 | 1.26 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 4.6 | 5.8 | 1.26 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 5.4 | 6.8 | 1.26 |
| 22.8 | 26.3 | 29.3 | 31.3 | 33.8 | 37.3 | 41.3 | 44.8 | 48.8 | 52.8 | 67.8 | 78.8 | 93.8 | 108.1 | 138.1 | 6.8 | 8.6 | 1.26 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 4.4 | 5.6 | 1.27 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 5.2 | 6.6 | 1.27 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 21.7 | 25.2 | 28.2 | 30.2 | 32.7 | 36.2 | 40.2 | 43.7 | 47.7 | 51.7 | 66.7 | 77.7 | 92.7 | 107.0 | 137.0 | 7.4 | 9.4 | 1.27 |
| 28.5 | 32.0 | 35.0 | 37.0 | 39.5 | 43.0 | 47.0 | 50.5 | 54.5 | 58.5 | 73.5 | 84.5 | 99.5 | 113.7 | 143.7 | 3.6 | 4.6 | 1.28 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 5.0 | 6.4 | 1.28 |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 5.8 | 7.4 | 1.28 |
| 19.5 | 23.0 | 26.0 | 28.0 | 30.5 | 34.0 | 38.0 | 41.5 | 45.5 | 49.5 | 64.5 | 75.5 | 90.5 | 104.7 | 134.8 | 8.6 | 11.0 | 1.28 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.8 | 32.3 | 35.3 | 37.3 | 39.8 | 43.3 | 47.3 | 50.8 | 54.8 | 58.8 | 73.8 | 84.8 | 99.8 | 114.0 | 144.0 | 3.4 | 4.4 | 1.29 |
| 27.4 | 30.9 | 33.9 | 35.9 | 38.4 | 41.9 | 45.9 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 4.2 | 5.4 | 1.29 |
| 26.3 | 29.8 | 32.8 | 34.8 | 37.3 | 40.8 | 44.8 | 48.3 | 52.3 | 56.3 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 4.8 | 6.2 | 1.29 |
| 23.7 | 27.2 | 30.2 | 32.2 | 34.7 | 38.2 | 42.2 | 45.7 | 49.7 | 53.7 | 68.7 | 79.7 | 94.7 | 109.0 | 139.0 | 6.2 | 8.0 | 1.29 |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 4.0 | 5.2 | 1.30 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 4.6 | 6.0 | 1.30 |
| 25.1 | 28.6 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.2 | 51.2 | 55.2 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 5.4 | 7.0 | 1.30 |
| 22.9 | 26.4 | 29.4 | 31.4 | 33.9 | 37.4 | 41.4 | 45.0 | 49.0 | 53.0 | 68.0 | 79.0 | 94.0 | 108.2 | 138.2 | 6.6 | 8.6 | 1.30 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 5.2 | 6.8 | 1.31 |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 3.8 | 5.0 | 1.32 |
| **0.92** | **0.95** | **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 4.4 | 5.8 | 1.32 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 5.0 | 6.6 | 1.32 |
| 24.7 | 28.2 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.7 | 50.7 | 54.7 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 5.6 | 7.4 | 1.32 |
| 17.7 | 21.2 | 24.2 | 26.2 | 28.7 | 32.2 | 36.2 | 39.8 | 43.8 | 47.8 | 62.8 | 73.8 | 88.8 | 103.0 | 133.0 | 9.4 | 12.4 | 1.32 |
| 28.3 | 31.8 | 34.8 | 36.8 | 39.3 | 42.8 | 46.8 | 50.3 | 54.3 | 58.3 | 73.3 | 84.3 | 99.3 | 113.6 | 143.6 | 3.6 | 4.8 | 1.33 |
| **0.92** | **0.95** | **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.33 | 4.2 | 5.6 | 2625 | 4.97 | 8.72 | 1312 | 3.99 | 5.63 | 870 | 3.08 | 4.11 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.33 | 4.8 | 6.4 | 2625 | 7.44 | 11.50 | 1312 | 5.63 | 7.36 | 870 | 4.26 | 5.33 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| 1.33 | 6.0 | 8.0 | 2625 | 11.57 | 16.40 | 1313 | 8.77 | 10.69 | 870 | 6.54 | 7.71 | — | — | 10.9 | 12.9 | 15.4 | 19.9 |
| 1.34 | 6.4 | 8.6 | 2605 | 12.70 | 17.84 | 1302 | 9.78 | 11.77 | 863 | 7.29 | 8.49 | — | — | 10.1 | 12.1 | 14.6 | 19.1 |
| 1.34 | 7.0 | 9.4 | 2606 | 14.10 | 19.76 | 1303 | 11.24 | 13.34 | 864 | 8.38 | 9.64 | — | — | — | 11.0 | 13.5 | 18.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |
| 1.35 | 3.4 | 4.6 | 2587 | 1.35 | 4.75 | 1293 | 1.73 | 3.28 | 857 | 1.48 | 2.46 | 12.1 | 13.6 | 15.6 | 17.6 | 20.1 | 24.6 |
| 1.35 | 4.0 | 5.4 | 2593 | 4.13 | 7.78 | 1296 | 3.44 | 5.06 | 859 | 2.69 | 3.71 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.35 | 4.6 | 6.2 | 2597 | 6.68 | 10.63 | 1298 | 5.11 | 6.80 | 861 | 3.88 | 4.94 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.35 | 5.2 | 7.0 | 2600 | 8.98 | 13.26 | 1300 | 6.72 | 8.50 | 862 | 5.04 | 6.14 | 8.8 | 10.3 | 12.3 | 14.3 | 16.8 | 21.3 |
| 1.36 | 4.4 | 6.0 | 2567 | 5.88 | 9.71 | 1283 | 4.57 | 6.24 | 851 | 3.49 | 4.54 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |
| 1.36 | 5.0 | 6.8 | 2574 | 8.26 | 12.42 | 1287 | 6.20 | 7.95 | 853 | 4.66 | 5.75 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| 1.37 | 3.8 | 5.2 | 2558 | 3.26 | 6.82 | 1279 | 2.89 | 4.49 | 848 | 2.30 | 3.31 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.37 | 4.8 | 6.6 | 2545 | 7.51 | 11.56 | 1273 | 5.67 | 7.39 | 844 | 4.28 | 5.35 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| 1.37 | 5.4 | 7.4 | 2554 | 9.71 | 14.12 | 1277 | 7.26 | 9.08 | 846 | 5.43 | 6.55 | 8.3 | 9.8 | 11.8 | 13.8 | 16.3 | 20.8 |
| 1.38 | 4.2 | 5.8 | 2534 | 5.06 | 8.79 | 1267 | 4.03 | 5.67 | 840 | 3.11 | 4.14 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.38 | 5.8 | 8.0 | 2537 | 11.04 | 15.72 | 1269 | 8.30 | 10.18 | 841 | 6.19 | 7.34 | — | 9.0 | 11.0 | 13.0 | 15.5 | 20.0 |
| 1.38 | 6.8 | 9.4 | 2532 | 13.74 | 19.20 | 1266 | 10.79 | 12.85 | 839 | 8.04 | 9.28 | — | — | — | 11.1 | 13.6 | 18.1 |
| 1.38 | 8.0 | 11.0 | + | + | + | 1273 | 13.57 | 15.88 | 844 | 10.18 | 11.53 | — | — | — | — | 11.4 | 15.9 |
| 1.39 | 3.6 | 5.0 | 2520 | 2.37 | 5.83 | 1260 | 2.34 | 3.90 | 835 | 1.91 | 2.90 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 | 24.1 |
| 1.39 | 4.6 | 6.4 | 2516 | 6.74 | 10.68 | 1258 | 5.14 | 6.83 | 834 | 3.90 | 4.95 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 | 22.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.78** | **0.80** | **0.83** | **0.85** | **0.89** |
| 1.39 | 6.2 | 8.6 | 2523 | 12.24 | 17.21 | 1262 | 9.32 | 11.27 | 836 | 6.95 | 8.13 | — | — | 10.2 | 12.2 | 14.7 | 19.2 |
| 1.40 | 4.0 | 5.6 | 2500 | 4.21 | 7.85 | 1250 | 3.48 | 5.10 | 829 | 2.72 | 3.73 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 | 23.3 |
| 1.40 | 5.0 | 7.0 | 2500 | 8.32 | 12.47 | 1250 | 6.23 | 7.98 | 829 | 4.68 | 5.76 | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 | 21.5 |
| 1.41 | 3.4 | 4.8 | 2479 | 1.44 | 4.83 | 1240 | 1.78 | 3.32 | 822 | 1.51 | 2.49 | 11.9 | 13.4 | 15.4 | 17.4 | 19.9 | 24.4 |
| 1.41 | 4.4 | 6.2 | 2484 | 5.95 | 9.78 | 1242 | 4.60 | 6.27 | 823 | 3.51 | 4.56 | 10.0 | 11.5 | 13.5 | 15.5 | 18.1 | 22.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.42 | 3.8 | 5.4 | 2463 | 3.34 | 6.88 | 1231 | 2.93 | 4.52 | 816 | 2.32 | 3.33 | 11.1 | 12.6 | 14.7 | 16.7 | 19.2 | 23.7 |
| 1.42 | 4.8 | 6.8 | 2471 | 7.58 | 11.62 | 1235 | 5.70 | 7.42 | 819 | 4.30 | 5.37 | 9.2 | 10.7 | 12.8 | 14.8 | 17.3 | 21.8 |
| 1.42 | 5.2 | 7.4 | 2459 | 9.08 | 13.35 | 1230 | 6.77 | 8.55 | 815 | 5.07 | 6.17 | 8.4 | 9.9 | 12.0 | 14.0 | 16.5 | 21.0 |
| 1.42 | 6.6 | 9.4 | 2457 | 13.32 | 18.61 | 1229 | 10.33 | 12.35 | 814 | 7.70 | 8.91 | — | — | — | 11.2 | 13.8 | 18.3 |
| 1.43 | 4.2 | 6.0 | 2450 | 5.13 | 8.85 | 1225 | 4.06 | 5.70 | 812 | 3.13 | 4.15 | 10.3 | 11.9 | 13.9 | 15.9 | 18.4 | 22.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.78** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.43 | 4.6 | 6.6 | 2439 | 6.80 | 10.73 | 1220 | 5.16 | 6.85 | 808 | 3.92 | 4.97 | 9.6 | 11.1 | 13.1 | 15.1 | 17.6 | 22.1 |
| 1.43 | 5.6 | 8.0 | 2450 | 10.47 | 15.00 | 1225 | 7.82 | 9.66 | 812 | 5.84 | 6.97 | — | 9.1 | 11.2 | 13.2 | 15.7 | 20.2 |
| 1.43 | 6.0 | 8.6 | 2442 | 11.72 | 16.53 | 1221 | 8.85 | 10.75 | 809 | 6.59 | 7.75 | — | — | 10.4 | 12.4 | 14.9 | 19.4 |
| 1.44 | 3.6 | 5.2 | 2423 | 2.43 | 5.89 | 1212 | 2.37 | 3.93 | 803 | 1.93 | 2.92 | 11.5 | 13.0 | 15.0 | 17.0 | 19.5 | 24.0 |
| 1.44 | 8.6 | 12.4 | + | + | + | 1214 | 14.92 | 17.36 | 805 | 11.24 | 12.65 | — | — | — | — | — | 14.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.45 | 4.0 | 5.8 | 2414 | 4.27 | 7.90 | 1207 | 3.51 | 5.12 | 800 | 2.74 | 3.75 | 10.7 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.45 | 4.4 | 6.4 | 2406 | 6.00 | 9.82 | 1203 | 4.63 | 6.29 | 797 | 3.53 | 4.57 | 9.9 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.45 | 9.4 | 13.6 | + | + | + | 1210 | 16.57 | 19.22 | 802 | 12.59 | 14.09 | — | — | — | — | — | — |
| 1.46 | 4.8 | 7.0 | 2400 | 7.63 | 11.66 | 1200 | 5.72 | 7.44 | 795 | 4.32 | 5.38 | 9.1 | 10.6 | 12.6 | 14.6 | 17.1 | 21.6 |
| 1.47 | 3.4 | 5.0 | 2380 | 1.51 | 4.89 | 1190 | 1.81 | 3.35 | 789 | 1.53 | 2.51 | 11.8 | 13.3 | 15.3 | 17.3 | 19.8 | 24.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.47 | 3.8 | 5.6 | 2375 | 3.39 | 6.93 | 1187 | 2.96 | 4.54 | 787 | 2.34 | 3.34 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.47 | 6.4 | 9.4 | 2383 | 12.88 | 17.99 | 1191 | 9.87 | 11.85 | 790 | 7.35 | 8.54 | — | — | — | 11.4 | 13.9 | 18.4 |
| 1.48 | 4.2 | 6.2 | 2371 | 5.18 | 8.90 | 1185 | 4.09 | 5.72 | 786 | 3.15 | 4.17 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.48 | 4.6 | 6.8 | 2368 | 6.85 | 10.77 | 1184 | 5.19 | 6.88 | 785 | 3.93 | 4.99 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| 1.48 | 5.0 | 7.4 | 2365 | 8.41 | 12.55 | 1182 | 6.27 | 8.02 | 784 | 4.71 | 5.79 | 8.6 | 10.1 | 12.1 | 14.1 | 16.6 | 21.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.48 | 5.4 | 8.0 | 2362 | 9.85 | 14.24 | 1181 | 7.33 | 9.14 | 783 | 5.48 | 6.59 | — | 9.3 | 11.3 | 13.3 | 15.8 | 20.3 |
| 1.48 | 5.8 | 8.6 | 2360 | 11.17 | 15.82 | 1180 | 8.37 | 10.24 | 782 | 6.24 | 7.38 | — | — | 10.5 | 12.5 | 15.0 | 19.5 |
| 1.49 | 7.4 | 11.0 | + | + | + | 1177 | 12.28 | 14.45 | 780 | 9.17 | 10.45 | — | — | — | — | 11.8 | 16.3 |
| 1.50 | 3.6 | 5.4 | 2333 | 2.49 | 5.94 | 1167 | 2.40 | 3.96 | 773 | 1.95 | 2.94 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.50 | 4.0 | 6.0 | 2333 | 4.32 | 7.95 | 1167 | 3.54 | 5.14 | 773 | 2.75 | 3.76 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.5 | 142.5 | 4.2 | 5.6 | 1.33 |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.4 | 141.4 | 4.8 | 6.4 | 1.33 |
| 23.9 | 27.4 | 30.4 | 32.4 | 34.9 | 38.4 | 42.4 | 45.9 | 49.9 | 53.9 | 68.9 | 79.9 | 94.9 | 109.1 | 139.2 | 6.0 | 8.0 | 1.33 |
| 23.1 | 26.6 | 29.6 | 31.6 | 34.1 | 37.6 | 41.6 | 45.1 | 49.1 | 53.1 | 68.1 | 79.1 | 94.1 | 108.4 | 138.4 | 6.4 | 8.6 | 1.34 |
| 22.0 | 25.5 | 28.5 | 30.5 | 33.0 | 36.5 | 40.5 | 44.0 | 48.0 | 52.0 | 67.0 | 78.0 | 93.0 | 107.3 | 137.3 | 7.0 | 9.4 | 1.34 |
| **0.92** | **0.95** | **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 28.6 | 32.1 | 35.1 | 37.1 | 39.6 | 43.1 | 47.1 | 50.6 | 54.6 | 58.6 | 73.6 | 84.6 | 99.6 | 113.9 | 143.9 | 3.4 | 4.6 | 1.35 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 4.0 | 5.4 | 1.35 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 4.6 | 6.2 | 1.35 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 5.2 | 7.0 | 1.35 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 4.4 | 6.0 | 1.36 |
| **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.05** | **1.07** | **1.09** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 5.0 | 6.8 | 1.36 |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 3.8 | 5.2 | 1.37 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 4.8 | 6.6 | 1.37 |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 5.4 | 7.4 | 1.37 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 4.2 | 5.8 | 1.38 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.0 | 27.5 | 30.5 | 32.5 | 35.0 | 38.5 | 42.5 | 46.0 | 50.0 | 54.1 | 69.1 | 80.1 | 95.1 | 109.3 | 139.3 | 5.8 | 8.0 | 1.38 |
| 22.1 | 25.6 | 28.6 | 30.6 | 33.2 | 36.7 | 40.7 | 44.2 | 48.2 | 52.2 | 67.2 | 78.2 | 93.2 | 107.4 | 137.4 | 6.8 | 9.4 | 1.38 |
| 19.9 | 23.4 | 26.4 | 28.4 | 30.9 | 34.4 | 38.4 | 42.0 | 46.0 | 50.0 | 65.0 | 76.0 | 91.0 | 105.2 | 135.2 | 8.0 | 11.0 | 1.38 |
| 28.1 | 31.6 | 34.6 | 36.6 | 39.1 | 42.6 | 46.6 | 50.1 | 54.1 | 58.1 | 73.1 | 84.1 | 99.1 | 113.4 | 143.4 | 3.6 | 5.0 | 1.39 |
| 26.2 | 29.7 | 32.7 | 34.7 | 37.2 | 40.8 | 44.8 | 48.3 | 52.3 | 56.3 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 4.6 | 6.4 | 1.39 |
| **0.92** | **0.95** | **0.97** | **0.98** | **1.00** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 23.2 | 26.7 | 29.8 | 31.8 | 34.3 | 37.8 | 41.8 | 45.3 | 49.3 | 53.3 | 68.3 | 79.3 | 94.3 | 108.5 | 138.5 | 6.2 | 8.6 | 1.39 |
| 27.3 | 30.8 | 33.9 | 35.9 | 38.4 | 41.9 | 45.9 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 4.0 | 5.6 | 1.40 |
| 25.5 | 29.0 | 32.0 | 34.0 | 36.5 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 5.0 | 7.0 | 1.40 |
| 28.5 | 32.0 | 35.0 | 37.0 | 39.5 | 43.0 | 47.0 | 50.5 | 54.5 | 58.5 | 73.5 | 84.5 | 99.5 | 113.7 | 143.7 | 3.4 | 4.8 | 1.41 |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 4.4 | 6.2 | 1.41 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 3.8 | 5.4 | 1.42 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 4.8 | 6.8 | 1.42 |
| 25.0 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.2 | 140.2 | 5.2 | 7.4 | 1.42 |
| 22.3 | 25.8 | 28.8 | 30.8 | 33.3 | 36.8 | 40.8 | 44.3 | 48.3 | 52.3 | 67.3 | 78.3 | 93.3 | 107.6 | 137.6 | 6.6 | 9.4 | 1.42 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 4.2 | 6.0 | 1.43 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.3 | 141.3 | 4.6 | 6.6 | 1.43 |
| 24.2 | 27.7 | 30.7 | 32.7 | 35.2 | 38.7 | 42.7 | 46.2 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.5 | 139.5 | 5.6 | 8.0 | 1.43 |
| 23.4 | 26.9 | 29.9 | 31.9 | 34.4 | 37.9 | 41.9 | 45.4 | 49.4 | 53.4 | 68.4 | 79.4 | 94.4 | 108.7 | 138.7 | 6.0 | 8.6 | 1.43 |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 3.6 | 5.2 | 1.44 |
| 18.3 | 21.8 | 24.8 | 26.8 | 29.3 | 32.9 | 36.9 | 40.4 | 44.4 | 48.4 | 63.4 | 74.4 | 89.4 | 103.6 | 133.6 | 8.6 | 12.4 | 1.44 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.4 | 142.5 | 4.0 | 5.8 | 1.45 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 4.4 | 6.4 | 1.45 |
| 16.7 | 20.2 | 23.2 | 25.2 | 27.8 | 31.3 | 35.3 | 38.8 | 42.8 | 46.8 | 61.8 | 72.8 | 87.8 | 102.1 | 132.1 | 9.4 | 13.6 | 1.45 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 4.8 | 7.0 | 1.46 |
| 28.3 | 31.8 | 34.8 | 36.8 | 39.3 | 42.8 | 46.8 | 50.3 | 54.3 | 58.3 | 73.3 | 84.3 | 99.3 | 113.5 | 143.6 | 3.4 | 5.0 | 1.47 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 3.8 | 5.6 | 1.47 |
| 22.4 | 25.9 | 29.0 | 31.0 | 33.5 | 37.0 | 41.0 | 44.5 | 48.5 | 52.5 | 67.5 | 78.5 | 93.5 | 107.7 | 137.7 | 6.4 | 9.4 | 1.47 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 4.2 | 6.2 | 1.48 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 4.6 | 6.8 | 1.48 |
| 25.1 | 28.6 | 31.6 | 33.6 | 36.1 | 39.6 | 43.6 | 47.1 | 51.1 | 55.1 | 70.2 | 81.2 | 96.2 | 110.4 | 140.4 | 5.0 | 7.4 | 1.48 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.3 | 27.8 | 30.8 | 32.8 | 35.4 | 38.9 | 42.9 | 46.4 | 50.4 | 54.4 | 69.4 | 80.4 | 95.4 | 109.6 | 139.6 | 5.4 | 8.0 | 1.48 |
| 23.5 | 27.1 | 30.1 | 32.1 | 34.6 | 38.1 | 42.1 | 45.6 | 49.6 | 53.6 | 68.6 | 79.6 | 94.6 | 108.8 | 138.8 | 5.8 | 8.6 | 1.48 |
| 20.4 | 23.9 | 26.9 | 28.9 | 31.4 | 34.9 | 38.9 | 42.4 | 46.4 | 50.4 | 65.4 | 76.4 | 91.4 | 105.7 | 135.7 | 7.4 | 11.0 | 1.49 |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 3.6 | 5.4 | 1.50 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 4.0 | 6.0 | 1.50 |
| **092** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.50 | 4.4 | 6.6 | 2333 | 6.05 | 9.86 | 1167 | 4.65 | 6.31 | 773 | 3.55 | 4.58 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 | 22.2 |
| 1.52 | 4.2 | 6.4 | 2297 | 5.22 | 8.93 | 1148 | 4.11 | 5.74 | 761 | 3.16 | 4.18 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 | 22.5 |
| 1.52 | 4.6 | 7.0 | 2300 | 6.89 | 10.80 | 1150 | 5.21 | 6.89 | 762 | 3.95 | 5.00 | 9.2 | 10.7 | 12.7 | 14.7 | 17.2 | 21.8 |
| 1.52 | 6.2 | 9.4 | 2309 | 12.38 | 17.33 | 1154 | 9.40 | 11.33 | 765 | 6.99 | 8.17 | — | — | — | 11.5 | 14.1 | 18.6 |
| 1.53 | 3.4 | 5.2 | 2288 | 1.57 | 4.93 | 1144 | 1.84 | 3.37 | 758 | 1.55 | 2.52 | 11.6 | 13.1 | 15.1 | 17.1 | 19.6 | 24.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.77** | **0.79** | **0.82** | **0.85** | **0.89** |
| 1.53 | 3.8 | 5.8 | 2293 | 3.45 | 6.98 | 1147 | 2.99 | 4.56 | 760 | 2.36 | 3.36 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 | 23.3 |
| 1.54 | 4.8 | 7.4 | 2270 | 7.70 | 11.72 | 1135 | 5.76 | 7.47 | 752 | 4.34 | 5.40 | 8.7 | 10.2 | 12.2 | 14.3 | 16.8 | 21.3 |
| 1.54 | 5.2 | 8.0 | 2275 | 9.20 | 13.45 | 1137 | 6.83 | 8.60 | 754 | 5.11 | 6.21 | — | 9.4 | 11.4 | 13.5 | 16.0 | 20.5 |
| 1.54 | 5.6 | 8.6 | 2279 | 10.58 | 15.09 | 1140 | 7.88 | 9.71 | 755 | 5.88 | 7.00 | — | — | 10.6 | 12.7 | 15.2 | 19.7 |
| 1.55 | 4.0 | 6.2 | 2258 | 4.37 | 7.98 | 1129 | 3.56 | 5.16 | 748 | 2.77 | 3.78 | 10.3 | 11.8 | 13.8 | 15.9 | 18.4 | 22.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.55 | 4.4 | 6.8 | 2265 | 6.09 | 9.90 | 1132 | 4.67 | 6.33 | 751 | 3.56 | 4.60 | 9.5 | 11.0 | 13.0 | 15.1 | 17.6 | 22.1 |
| 1.55 | 8.0 | 12.4 | + | + | + | 1129 | 13.66 | 15.96 | 748 | 10.24 | 11.58 | — | — | — | — | — | 14.7 |
| 1.56 | 3.6 | 5.6 | 2250 | 2.54 | 5.99 | 1125 | 2.43 | 3.98 | 746 | 1.97 | 2.95 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 | 23.7 |
| 1.57 | 4.2 | 6.6 | 2227 | 5.26 | 8.96 | 1114 | 4.13 | 5.75 | 738 | 3.17 | 4.19 | 9.8 | 11.4 | 13.4 | 15.4 | 17.9 | 22.4 |
| 1.57 | 6.0 | 9.4 | 2234 | 11.85 | 16.64 | 1117 | 8.91 | 10.81 | 740 | 6.63 | 7.79 | — | — | 9.7 | 11.7 | 14.2 | 18.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.57 | 7.0 | 11.0 | 2227 | 14.36 | 19.98 | 1114 | 11.37 | 13.45 | 738 | 8.47 | 9.71 | — | — | — | — | 12.1 | 16.6 |
| 1.58 | 3.8 | 6.0 | 2217 | 3.48 | 7.01 | 1108 | 3.00 | 4.58 | 735 | 2.37 | 3.37 | 10.6 | 12.2 | 14.2 | 16.2 | 18.7 | 23.2 |
| 1.58 | 8.6 | 13.6 | + | + | + | 1107 | 14.98 | 17.42 | 734 | 11.28 | 12.69 | — | — | — | — | — | 13.2 |
| 1.59 | 3.4 | 5.4 | 2204 | 1.61 | 4.97 | 1102 | 1.86 | 3.39 | 730 | 1.57 | 2.54 | 11.4 | 12.9 | 15.0 | 17.0 | 19.5 | 24.0 |
| 1.59 | 4.4 | 7.0 | 2200 | 6.12 | 9.92 | 1100 | 4.69 | 6.34 | 729 | 3.57 | 4.60 | 9.4 | 10.9 | 12.9 | 14.9 | 17.4 | 21.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.59 | 5.4 | 8.6 | 2198 | 9.94 | 14.32 | 1099 | 7.37 | 9.17 | 728 | 5.51 | 6.61 | — | — | 10.8 | 12.8 | 15.3 | 19.8 |
| 1.60 | 4.0 | 6.4 | 2188 | 4.40 | 8.01 | 1094 | 3.58 | 5.18 | 725 | 2.78 | 3.79 | 10.2 | 11.7 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.60 | 5.0 | 8.0 | 2188 | 8.51 | 12.64 | 1094 | 6.32 | 8.06 | 725 | 4.74 | 5.82 | — | 9.6 | 11.6 | 13.6 | 16.1 | 20.6 |
| 1.61 | 3.6 | 5.8 | 2172 | 2.58 | 6.01 | 1086 | 2.44 | 3.99 | 720 | 1.98 | 2.96 | 11.0 | 12.5 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.61 | 4.6 | 7.4 | 2176 | 6.95 | 10.86 | 1088 | 5.24 | 6.92 | 721 | 3.97 | 5.01 | 8.9 | 10.4 | 12.4 | 14.4 | 16.9 | 21.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.77** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.62 | 4.2 | 6.8 | 2162 | 5.29 | 8.99 | 1081 | 4.14 | 5.77 | 716 | 3.18 | 4.20 | 9.7 | 11.2 | 13.2 | 15.2 | 17.7 | 22.2 |
| 1.62 | 5.8 | 9.4 | 2160 | 11.27 | 15.92 | 1080 | 8.42 | 10.28 | 716 | 6.27 | 7.41 | — | — | 9.8 | 11.8 | 14.3 | 18.9 |
| 1.62 | 6.8 | 11.0 | 2164 | 13.97 | 19.40 | 1082 | 10.91 | 12.95 | 717 | 8.12 | 9.34 | — | — | — | — | 12.2 | 16.8 |
| 1.63 | 3.8 | 6.2 | 2145 | 3.52 | 7.04 | 1073 | 3.02 | 4.59 | 711 | 2.38 | 3.38 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.64 | 9.4 | 15.4 | + | + | + | 1068 | 16.64 | 19.28 | 708 | 12.64 | 14.13 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.65 | 3.4 | 5.6 | 2125 | 1.65 | 5.00 | 1062 | 1.88 | 3.40 | 704 | 1.58 | 2.55 | 11.3 | 12.8 | 14.8 | 16.8 | 19.3 | 23.8 |
| 1.65 | 4.0 | 6.6 | 2121 | 4.43 | 8.04 | 1061 | 3.59 | 5.19 | 703 | 2.79 | 3.79 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 | 22.5 |
| 1.65 | 5.2 | 8.6 | 2116 | 9.27 | 13.52 | 1058 | 6.87 | 8.63 | 701 | 5.14 | 6.23 | — | 8.9 | 10.9 | 12.9 | 15.5 | 20.0 |
| 1.67 | 3.6 | 6.0 | 2100 | 2.61 | 6.04 | 1050 | 2.46 | 4.01 | 696 | 1.99 | 2.97 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 | 23.3 |
| 1.67 | 4.2 | 7.0 | 2100 | 5.31 | 9.01 | 1050 | 4.16 | 5.78 | 696 | 3.19 | 4.21 | 9.5 | 11.0 | 13.0 | 15.0 | 17.5 | 22.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.77** | **0.80** | **0.82** | **0.85** | **0.89** |
| 1.67 | 4.8 | 8.0 | 2100 | 7.78 | 11.79 | 1050 | 5.80 | 7.51 | 696 | 4.37 | 5.43 | — | 9.7 | 11.7 | 13.8 | 16.3 | 20.8 |
| 1.67 | 6.6 | 11.0 | 2100 | 13.52 | 18.78 | 1050 | 10.43 | 12.44 | 696 | 7.76 | 8.97 | — | — | — | — | 12.4 | 16.9 |
| 1.68 | 3.8 | 6.4 | 2078 | 3.54 | 7.06 | 1039 | 3.03 | 4.61 | 689 | 2.39 | 3.39 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 | 22.9 |
| 1.68 | 4.4 | 7.4 | 2081 | 6.17 | 9.97 | 1041 | 4.71 | 6.36 | 690 | 3.59 | 4.62 | 9.0 | 10.5 | 12.5 | 14.6 | 17.1 | 21.6 |
| 1.68 | 5.6 | 9.4 | 2085 | 10.66 | 15.16 | 1043 | 7.92 | 9.75 | 691 | 5.90 | 7.02 | — | — | 9.9 | 12.0 | 14.5 | 19.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.68 | 7.4 | 12.4 | + | + | + | 1044 | 12.34 | 14.50 | 692 | 9.21 | 10.49 | — | — | — | — | — | 15.1 |
| 1.70 | 4.0 | 6.8 | 2059 | 4.45 | 8.06 | 1029 | 3.60 | 5.20 | 682 | 2.80 | 3.80 | 9.8 | 11.3 | 13.3 | 15.4 | 17.9 | 22.4 |
| 1.70 | 8.0 | 13.6 | + | + | + | 1029 | 13.71 | 16.00 | 682 | 10.27 | 11.61 | — | — | — | — | — | 13.6 |
| 1.70 | 9.4 | 16.0 | + | + | + | 1028 | 16.66 | 19.30 | 681 | 12.65 | 14.14 | — | — | — | — | — | — |
| 1.71 | 3.4 | 5.8 | 2052 | 1.67 | 5.03 | 1026 | 1.89 | 3.42 | 680 | 1.59 | 2.55 | 11.1 | 12.6 | 14.6 | 16.6 | 19.1 | 23.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.81** | **0.84** | **0.88** |
| 1.72 | 3.6 | 6.2 | 2032 | 2.63 | 6.06 | 1016 | 2.47 | 4.02 | 674 | 1.99 | 2.97 | 10.6 | 12.1 | 14.1 | 16.2 | 18.7 | 23.2 |
| 1.72 | 5.0 | 8.6 | 2035 | 8.57 | 12.69 | 1017 | 6.35 | 8.08 | 674 | 4.76 | 5.84 | — | 9.0 | 11.1 | 13.1 | 15.6 | 20.1 |
| 1.72 | 6.4 | 11.0 | 2036 | 13.04 | 18.13 | 1018 | 9.95 | 11.92 | 675 | 7.40 | 8.59 | — | — | — | — | 12.5 | 17.1 |
| 1.74 | 3.8 | 6.6 | 2015 | 3.57 | 7.08 | 1008 | 3.05 | 4.62 | 668 | 2.40 | 3.39 | 10.1 | 11.6 | 13.7 | 15.7 | 18.2 | 22.7 |
| 1.74 | 4.6 | 8.0 | 2012 | 7.02 | 10.91 | 1006 | 5.27 | 6.95 | 667 | 3.99 | 5.03 | 8.3 | 9.9 | 11.9 | 13.9 | 16.4 | 20.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.77** | **0.79** | **0.82** | **0.84** | **0.89** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 26.2 | 29.7 | 32.7 | 34.7 | 37.2 | 40.7 | 44.7 | 48.2 | 52.2 | 56.2 | 71.3 | 82.3 | 97.3 | 111.5 | 141.5 | 4.4 | 6.6 | 1.50 |
| 26.6 | 30.1 | 33.1 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 4.2 | 6.4 | 1.52 |
| 25.8 | 29.3 | 32.3 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 4.6 | 7.0 | 1.52 |
| 22.6 | 26.1 | 29.1 | 31.1 | 33.6 | 37.1 | 41.1 | 44.6 | 48.6 | 52.6 | 67.6 | 78.6 | 93.6 | 107.9 | 137.9 | 6.2 | 9.4 | 1.52 |
| 28.1 | 31.6 | 34.6 | 36.6 | 39.1 | 42.6 | 46.6 | 50.1 | 54.1 | 58.1 | 73.1 | 84.1 | 99.1 | 113.4 | 143.4 | 3.4 | 5.2 | 1.53 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.3 | 30.8 | 33.8 | 35.8 | 38.3 | 41.8 | 45.8 | 49.4 | 53.4 | 57.4 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 3.8 | 5.8 | 1.53 |
| 25.3 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 4.8 | 7.4 | 1.54 |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 5.2 | 8.0 | 1.54 |
| 23.7 | 27.2 | 30.2 | 32.2 | 34.7 | 38.2 | 42.2 | 45.7 | 49.7 | 53.7 | 68.7 | 79.7 | 94.7 | 109.0 | 139.0 | 5.6 | 8.6 | 1.54 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 4.0 | 6.2 | 1.55 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.3 | 141.3 | 4.4 | 6.8 | 1.55 |
| 18.7 | 22.3 | 25.3 | 27.3 | 29.8 | 33.3 | 37.3 | 40.8 | 44.8 | 48.8 | 63.8 | 74.8 | 89.9 | 104.1 | 134.1 | 8.0 | 12.4 | 1.55 |
| 27.7 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 3.6 | 5.6 | 1.56 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 4.2 | 6.6 | 1.57 |
| 22.7 | 26.2 | 29.3 | 31.3 | 33.8 | 37.3 | 41.3 | 44.8 | 48.8 | 52.8 | 67.8 | 78.8 | 93.8 | 108.0 | 138.0 | 6.0 | 9.4 | 1.57 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 20.7 | 24.2 | 27.2 | 29.2 | 31.7 | 35.2 | 39.2 | 42.7 | 46.7 | 50.7 | 65.7 | 76.7 | 91.7 | 106.0 | 136.0 | 7.0 | 11.0 | 1.57 |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.4 | 142.4 | 3.8 | 6.0 | 1.58 |
| 17.3 | 20.8 | 23.8 | 25.8 | 28.4 | 31.9 | 35.9 | 39.4 | 43.4 | 47.4 | 62.4 | 73.4 | 88.4 | 102.7 | 132.7 | 8.6 | 13.6 | 1.58 |
| 28.0 | 31.5 | 34.5 | 36.5 | 39.0 | 42.5 | 46.5 | 50.0 | 54.0 | 58.0 | 73.0 | 84.0 | 99.0 | 113.2 | 143.2 | 3.4 | 5.4 | 1.59 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 4.4 | 7.0 | 1.59 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 23.9 | 27.4 | 30.4 | 32.4 | 34.9 | 38.4 | 42.4 | 45.9 | 49.9 | 53.9 | 68.9 | 79.9 | 94.9 | 109.1 | 139.1 | 5.4 | 8.6 | 1.59 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 4.0 | 6.4 | 1.60 |
| 24.6 | 28.1 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.7 | 50.7 | 54.7 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 5.0 | 8.0 | 1.60 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 3.6 | 5.8 | 1.61 |
| 25.4 | 28.9 | 31.9 | 33.9 | 36.4 | 40.0 | 44.0 | 47.5 | 51.5 | 55.5 | 70.5 | 81.5 | 96.5 | 110.7 | 140.7 | 4.6 | 7.4 | 1.61 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 26.2 | 29.7 | 32.7 | 34.7 | 37.2 | 40.7 | 44.7 | 48.2 | 52.2 | 56.2 | 71.2 | 82.3 | 97.3 | 111.5 | 141.5 | 4.2 | 6.8 | 1.62 |
| 22.9 | 26.4 | 29.7 | 31.4 | 33.9 | 37.4 | 41.4 | 44.9 | 48.9 | 52.9 | 67.9 | 78.9 | 93.9 | 108.2 | 138.2 | 5.8 | 9.4 | 1.62 |
| 20.8 | 24.3 | 27.3 | 29.3 | 31.9 | 35.4 | 39.4 | 42.9 | 46.9 | 50.9 | 65.9 | 76.9 | 91.9 | 106.1 | 136.2 | 6.8 | 11.0 | 1.62 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 3.8 | 6.2 | 1.63 |
| 15.1 | 18.7 | 21.7 | 23.7 | 26.3 | 29.8 | 33.8 | 37.3 | 41.3 | 45.3 | 60.3 | 71.4 | 86.4 | 100.6 | 130.6 | 9.4 | 15.4 | 1.64 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.8 | 31.3 | 34.3 | 36.3 | 38.8 | 42.3 | 46.3 | 49.8 | 53.8 | 57.8 | 72.8 | 83.8 | 98.8 | 113.1 | 143.1 | 3.4 | 5.6 | 1.65 |
| 26.5 | 30.0 | 33.0 | 35.1 | 37.6 | 41.1 | 45.1 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 4.0 | 6.6 | 1.65 |
| 24.0 | 27.5 | 30.5 | 32.5 | 35.0 | 38.5 | 42.5 | 46.0 | 50.0 | 54.0 | 69.0 | 80.0 | 95.0 | 109.3 | 139.3 | 5.2 | 8.6 | 1.65 |
| 27.3 | 30.8 | 33.8 | 35.8 | 38.3 | 41.8 | 45.8 | 49.3 | 53.3 | 57.3 | 72.4 | 83.4 | 98.4 | 112.6 | 142.6 | 3.6 | 6.0 | 1.67 |
| 26.1 | 29.6 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.3 | 141.3 | 4.2 | 7.0 | 1.67 |
| **0.92** | **0.95** | **0.97** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.8 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 4.8 | 8.0 | 1.67 |
| 21.0 | 24.5 | 27.5 | 29.5 | 32.0 | 35.5 | 39.5 | 43.0 | 47.0 | 51.0 | 66.0 | 77.0 | 92.1 | 106.3 | 136.3 | 6.6 | 11.0 | 1.67 |
| 26.9 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 3.8 | 6.4 | 1.68 |
| 25.6 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 4.4 | 7.4 | 1.68 |
| 23.0 | 26.6 | 29.6 | 31.6 | 34.1 | 37.6 | 41.6 | 45.1 | 49.1 | 53.1 | 68.1 | 79.1 | 94.1 | 108.4 | 138.4 | 5.6 | 9.4 | 1.68 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 19.2 | 22.7 | 25.7 | 27.7 | 30.2 | 33.8 | 37.8 | 41.3 | 45.3 | 49.3 | 64.3 | 75.3 | 90.3 | 104.6 | 134.6 | 7.4 | 12.4 | 1.68 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 4.0 | 6.8 | 1.70 |
| 17.7 | 21.3 | 24.3 | 26.3 | 28.8 | 32.3 | 36.3 | 39.8 | 43.8 | 47.9 | 62.9 | 73.9 | 88.9 | 103.1 | 133.2 | 8.0 | 13.6 | 1.70 |
| — | 18.2 | 21.2 | 23.2 | 25.7 | 29.3 | 33.3 | 36.8 | 40.8 | 44.8 | 59.9 | 70.9 | 85.9 | 100.1 | 130.2 | 9.4 | 16.0 | 1.70 |
| 27.6 | 31.2 | 34.2 | 36.2 | 38.7 | 42.2 | 46.2 | 49.7 | 53.7 | 57.7 | 72.7 | 83.7 | 98.7 | 112.9 | 142.9 | 3.4 | 5.8 | 1.71 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.4 | 142.4 | 3.6 | 6.2 | 1.72 |
| 24.2 | 27.7 | 30.7 | 32.7 | 35.2 | 38.7 | 42.7 | 46.2 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.5 | 139.5 | 5.0 | 8.6 | 1.72 |
| 21.1 | 24.6 | 27.6 | 29.6 | 32.2 | 35.7 | 39.7 | 43.2 | 47.2 | 51.2 | 66.2 | 77.2 | 92.2 | 106.5 | 136.5 | 6.4 | 11.0 | 1.72 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 3.8 | 6.6 | 1.74 |
| 24.9 | 28.5 | 31.5 | 33.5 | 36.0 | 39.5 | 43.5 | 47.0 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.2 | 140.2 | 4.6 | 8.0 | 1.74 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 1.74 | 5.4 | 9.4 | 2011 | 10.01 | 14.38 | 1005 | 7.41 | 9.21 | 666 | 5.53 | 6.64 | — | — | 10.1 | 12.1 | 14.6 | 19.2 |
| 1.75 | 4.0 | 7.0 | 2000 | 4.47 | 8.07 | 1000 | 3.61 | 5.21 | 663 | 2.80 | 3.81 | 9.6 | 11.2 | 13.2 | 15.2 | 17.7 | 22.2 |
| 1.76 | 3.4 | 6.0 | 1983 | 1.69 | 5.04 | 992 | 1.90 | 3.42 | 657 | 1.59 | 2.56 | 10.9 | 12.4 | 14.5 | 16.5 | 19.0 | 23.5 |
| 1.76 | 4.2 | 7.4 | 1986 | 5.35 | 9.05 | 993 | 4.17 | 5.80 | 658 | 3.20 | 4.22 | 9.1 | 10.7 | 12.7 | 14.7 | 17.2 | 21.7 |
| 1.77 | 6.2 | 11.0 | 1973 | 12.52 | 17.45 | 986 | 9.47 | 11.39 | 654 | 7.04 | 8.21 | — | — | — | — | 12.7 | 17.2 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.81** | **0.84** | **0.88** |
| 1.77 | 7.0 | 12.4 | 1976 | 14.46 | 20.07 | 988 | 11.42 | 13.50 | 655 | 8.50 | 9.74 | — | — | — | — | — | 15.4 |
| 1.78 | 3.6 | 6.4 | 1969 | 2.65 | 6.08 | 984 | 2.48 | 4.03 | 652 | 2.00 | 2.98 | 10.5 | 12.0 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.79 | 3.8 | 6.8 | 1956 | 3.58 | 7.09 | 978 | 3.05 | 4.62 | 648 | 2.41 | 3.40 | 10.0 | 11.5 | 13.5 | 15.5 | 18.0 | 22.5 |
| 1.79 | 4.8 | 8.6 | 1953 | 7.83 | 11.83 | 977 | 5.83 | 7.53 | 647 | 4.38 | 5.44 | — | 9.2 | 11.2 | 13.2 | 15.8 | 20.3 |
| 1.79 | 8.6 | 15.4 | + | + | + | 977 | 15.03 | 17.46 | 648 | 11.32 | 12.71 | — | — | — | — | — | — |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.81 | 5.2 | 9.4 | 1936 | 9.33 | 13.57 | 968 | 6.90 | 8.66 | 642 | 5.16 | 6.24 | — | — | 10.2 | 12.3 | 14.8 | 19.3 |
| 1.82 | 3.4 | 6.2 | 1919 | 1.71 | 5.06 | 960 | 1.91 | 3.43 | 636 | 1.60 | 2.57 | 10.8 | 12.3 | 14.3 | 16.3 | 18.8 | 23.3 |
| 1.82 | 4.4 | 8.0 | 1925 | 6.22 | 10.01 | 962 | 4.74 | 6.38 | 638 | 3.60 | 4.63 | 8.5 | 10.0 | 12.0 | 14.0 | 16.6 | 21.1 |
| 1.82 | 6.8 | 12.4 | 1919 | 14.05 | 19.47 | 960 | 10.95 | 12.98 | 636 | 8.15 | 9.37 | — | — | — | — | — | 15.6 |
| 1.83 | 3.6 | 6.6 | 1909 | 2.67 | 6.09 | 955 | 2.49 | 4.03 | 633 | 2.01 | 2.99 | 10.3 | 11.8 | 13.8 | 15.8 | 18.3 | 22.8 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.82** | **0.84** | **0.89** |
| 1.83 | 6.0 | 11.0 | 1909 | 11.97 | 16.74 | 955 | 8.97 | 10.86 | 633 | 6.67 | 7.82 | — | — | — | — | 12.8 | 17.4 |
| 1.84 | 3.8 | 7.0 | 1900 | 3.60 | 7.11 | 950 | 3.06 | 4.63 | 630 | 2.41 | 3.40 | 9.8 | 11.3 | 13.3 | 15.3 | 17.8 | 22.4 |
| 1.84 | 7.4 | 13.6 | + | + | + | 952 | 12.37 | 14.53 | 631 | 9.23 | 10.50 | — | — | — | — | — | 14.1 |
| 1.85 | 4.0 | 7.4 | 1892 | 4.51 | 8.10 | 946 | 3.63 | 5.22 | 627 | 2.81 | 3.82 | 9.3 | 10.8 | 12.8 | 14.8 | 17.4 | 21.9 |
| 1.86 | 8.6 | 16.0 | + | + | + | 941 | 15.04 | 17.47 | 623 | 11.32 | 12.72 | — | — | — | — | — | — |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.73** | **0.76** | **0.79** | **0.81** | **0.84** | **0.88** |
| 1.87 | 4.6 | 8.6 | 1872 | 7.06 | 10.95 | 936 | 5.29 | 6.97 | 620 | 4.00 | 5.04 | — | 9.3 | 11.4 | 13.4 | 15.9 | 20.4 |
| 1.88 | 3.4 | 6.4 | 1859 | 1.73 | 5.07 | 930 | 1.92 | 3.44 | 616 | 1.61 | 2.57 | 10.6 | 12.1 | 14.1 | 16.1 | 18.6 | 23.2 |
| 1.88 | 5.0 | 9.4 | 1862 | 8.62 | 12.73 | 931 | 6.38 | 8.11 | 617 | 4.78 | 5.85 | — | — | 10.4 | 12.4 | 14.9 | 19.5 |
| 1.88 | 6.6 | 12.4 | 1863 | 13.60 | 18.85 | 931 | 10.47 | 12.47 | 617 | 7.79 | 8.99 | — | — | — | — | — | 15.7 |
| 1.89 | 3.6 | 6.8 | 1853 | 2.69 | 6.11 | 926 | 2.50 | 4.04 | 614 | 2.01 | 2.99 | 10.1 | 11.6 | 13.6 | 15.7 | 18.2 | 22.7 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.74** | **0.76** | **0.79** | **0.81** | **0.84** | **0.88** |
| 1.90 | 4.2 | 8.0 | 1837 | 5.39 | 9.08 | 919 | 4.20 | 5.81 | 609 | 3.22 | 4.23 | 8.6 | 10.1 | 12.2 | 14.2 | 16.7 | 21.2 |
| 1.90 | 5.8 | 11.0 | 1845 | 11.38 | 16.01 | 923 | 8.47 | 10.33 | 612 | 6.31 | 7.44 | — | — | — | 10.4 | 12.9 | 17.5 |
| 1.92 | 8.0 | 15.4 | + | + | + | 909 | 13.74 | 16.03 | 603 | 10.29 | 11.63 | — | — | — | — | — | — |
| 1.94 | 3.4 | 6.6 | 1803 | 1.75 | 5.09 | 902 | 1.93 | 3.45 | 598 | 1.61 | 2.57 | 10.4 | 11.9 | 14.0 | 16.0 | 18.5 | 23.0 |
| 1.94 | 3.6 | 7.0 | 1800 | 2.70 | 6.12 | 900 | 2.50 | 4.05 | 597 | 2.02 | 2.99 | 9.9 | 11.4 | 13.5 | 15.5 | 18.0 | 22.5 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.72** | **0.75** | **0.78** | **0.80** | **0.83** | **0.88** |
| 1.94 | 6.4 | 12.4 | 1806 | 13.11 | 18.19 | 903 | 9.99 | 11.95 | 599 | 7.43 | 8.61 | — | — | — | — | — | 15.9 |
| 1.94 | 7.0 | 13.6 | 1801 | 14.51 | 20.11 | 901 | 11.44 | 13.52 | 597 | 8.52 | 9.76 | — | — | — | — | — | 14.3 |
| 1.95 | 3.8 | 7.4 | 1797 | 3.63 | 7.13 | 899 | 3.08 | 4.64 | 596 | 2.42 | 3.41 | 9.4 | 11.0 | 13.0 | 15.0 | 17.5 | 22.0 |
| 1.95 | 4.4 | 8.6 | 1791 | 6.26 | 10.04 | 895 | 4.76 | 6.40 | 593 | 3.62 | 4.64 | — | 9.5 | 11.5 | 13.5 | 16.1 | 20.6 |
| 1.96 | 4.8 | 9.4 | 1787 | 7.87 | 11.87 | 894 | 5.85 | 7.55 | 592 | 4.40 | 5.45 | — | — | 10.5 | 12.5 | 15.1 | 19.6 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.73** | **0.75** | **0.78** | **0.81** | **0.84** | **0.88** |
| 1.96 | 5.6 | 11.0 | 1782 | 10.75 | 15.24 | 891 | 7.96 | 9.78 | 591 | 5.93 | 7.05 | — | — | — | 10.5 | 13.1 | 17.7 |
| 1.96 | 9.4 | 18.4 | + | + | + | 894 | 16.70 | 19.33 | 593 | 12.68 | 14.16 | — | — | — | — | — | — |
| 2.00 | 3.4 | 6.8 | 1750 | 1.76 | 5.10 | 875 | 1.93 | 3.45 | 580 | 1.61 | 2.58 | 10.2 | 11.8 | 13.8 | 15.8 | 18.3 | 22.8 |
| 2.00 | 4.0 | 8.0 | 1750 | 4.54 | 8.13 | 875 | 3.65 | 5.24 | 580 | 2.83 | 3.83 | 8.7 | 10.3 | 12.3 | 14.3 | 16.9 | 21.4 |
| 2.00 | 6.2 | 12.4 | 1750 | 12.58 | 17.50 | 875 | 9.50 | 11.42 | 580 | 7.06 | 8.22 | — | — | — | — | 11.4 | 16.0 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.73** | **0.76** | **0.79** | **0.81** | **0.84** | **0.88** |
| 2.00 | 6.8 | 13.6 | 1750 | 14.09 | 19.51 | 875 | 10.97 | 13.00 | 580 | 8.16 | 9.38 | — | — | — | — | — | 14.5 |
| 2.00 | 8.0 | 16.0 | + | + | + | 875 | 13.75 | 16.04 | 580 | 10.30 | 11.63 | — | — | — | — | — | — |
| 2.04 | 4.6 | 9.4 | 1713 | 7.09 | 10.98 | 856 | 5.31 | 6.98 | 568 | 4.01 | 5.05 | — | — | 10.6 | 12.7 | 15.2 | 19.8 |
| 2.04 | 5.4 | 11.0 | 1718 | 10.09 | 14.45 | 859 | 7.45 | 9.24 | 569 | 5.56 | 6.66 | — | — | — | 10.7 | 13.2 | 17.8 |
| 2.05 | 4.2 | 8.6 | 1709 | 5.42 | 9.11 | 855 | 4.21 | 5.83 | 567 | 3.23 | 4.24 | — | 9.6 | 11.6 | 13.7 | 16.2 | 20.7 |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.0** | **0.74** | **0.77** | **0.80** | **0.83** | **0.87** |
| 2.06 | 3.4 | 7.0 | 1700 | 5.10 | 5.10 | 850 | 1.94 | 3.46 | 563 | 1.62 | 2.58 | 10.1 | 11.6 | 13.6 | 15.6 | 18.1 | 22.7 |
| 2.06 | 3.6 | 7.4 | 1703 | 2.72 | 6.14 | 851 | 2.51 | 4.06 | 564 | 2.02 | 3.00 | 9.6 | 11.1 | 13.1 | 15.1 | 17.7 | 22.2 |
| 2.06 | 6.6 | 13.6 | 1699 | 13.64 | 18.88 | 849 | 10.49 | 12.48 | 563 | 7.80 | 9.00 | — | — | — | — | — | 14.6 |
| 2.07 | 6.0 | 12.4 | 1694 | 12.02 | 16.79 | 847 | 9.00 | 10.88 | 561 | 6.69 | 7.84 | — | — | — | — | 11.5 | 16.1 |
| 2.08 | 7.4 | 15.4 | + | + | + | 841 | 12.40 | 14.55 | 557 | 9.25 | 10.52 | — | — | — | — | — | — |
| | **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | **0.73** | **0.75** | **0.78** | **0.81** | **0.84** | **0.88** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 23.2 | 26.7 | 29.7 | 31.7 | 34.2 | 37.7 | 41.7 | 45.2 | 49.2 | 53.2 | 68.2 | 79.3 | 94.3 | 108.5 | 138.5 | 5.4 | 9.4 | 1.74 |
| 26.2 | 29.7 | 32.7 | 34.7 | 37.2 | 40.7 | 44.7 | 48.2 | 52.2 | 56.2 | 71.2 | 82.2 | 97.2 | 111.5 | 141.5 | 4.0 | 7.0 | 1.75 |
| 27.5 | 31.0 | 34.0 | 36.0 | 38.5 | 42.0 | 46.0 | 49.5 | 53.5 | 57.5 | 72.5 | 83.5 | 98.5 | 112.8 | 142.8 | 3.4 | 6.0 | 1.76 |
| 25.7 | 29.2 | 32.2 | 34.3 | 36.8 | 40.3 | 44.3 | 47.8 | 51.8 | 55.8 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 4.2 | 7.4 | 1.76 |
| 21.3 | 24.8 | 27.8 | 29.8 | 32.3 | 35.8 | 39.8 | 43.3 | 47.3 | 51.3 | 66.3 | 77.4 | 92.4 | 106.6 | 136.6 | 6.2 | 11.0 | 1.77 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 19.5 | 23.0 | 26.0 | 28.0 | 30.5 | 34.1 | 38.1 | 41.6 | 45.6 | 49.6 | 64.6 | 75.6 | 90.6 | 104.9 | 134.9 | 7.0 | 12.4 | 1.77 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 3.6 | 6.4 | 1.78 |
| 26.5 | 30.0 | 33.0 | 35.0 | 37.5 | 41.0 | 45.0 | 48.6 | 52.6 | 56.6 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 3.8 | 6.8 | 1.79 |
| 24.3 | 27.8 | 30.8 | 32.8 | 35.3 | 38.8 | 42.8 | 46.3 | 50.3 | 54.3 | 69.3 | 80.4 | 95.4 | 109.6 | 139.6 | 4.8 | 8.6 | 1.79 |
| 15.7 | 19.3 | 22.3 | 24.3 | 26.8 | 30.4 | 34.4 | 37.9 | 41.9 | 45.9 | 61.0 | 72.0 | 87.0 | 101.2 | 131.3 | 8.6 | 15.4 | 1.79 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 23.3 | 26.9 | 29.9 | 31.9 | 34.4 | 37.9 | 41.9 | 45.4 | 49.4 | 53.4 | 68.4 | 79.4 | 94.4 | 108.7 | 138.7 | 5.2 | 9.4 | 1.81 |
| 27.3 | 30.8 | 33.8 | 35.8 | 38.3 | 41.8 | 45.8 | 49.3 | 53.3 | 57.3 | 72.3 | 83.3 | 98.4 | 112.6 | 142.6 | 3.4 | 6.2 | 1.82 |
| 25.1 | 28.6 | 31.6 | 33.6 | 36.1 | 39.6 | 43.6 | 47.1 | 51.1 | 55.1 | 70.1 | 81.1 | 96.1 | 110.4 | 140.4 | 4.4 | 8.0 | 1.82 |
| 19.6 | 23.2 | 26.2 | 28.2 | 30.7 | 34.2 | 38.2 | 41.7 | 45.7 | 49.7 | 64.8 | 75.8 | 90.8 | 105.0 | 135.0 | 6.8 | 12.4 | 1.82 |
| 26.8 | 30.4 | 33.4 | 35.4 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 3.6 | 6.6 | 1.83 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.14** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 21.4 | 24.9 | 27.9 | 29.9 | 32.5 | 36.0 | 40.0 | 43.5 | 47.5 | 51.5 | 66.5 | 77.5 | 92.5 | 106.8 | 136.8 | 6.0 | 11.0 | 1.83 |
| 26.4 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.7 | 141.7 | 3.8 | 7.0 | 1.84 |
| 18.1 | 21.7 | 24.7 | 26.7 | 29.2 | 32.8 | 36.8 | 40.3 | 44.3 | 48.3 | 63.3 | 74.3 | 89.4 | 103.6 | 133.6 | 7.4 | 13.6 | 1.84 |
| 25.9 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 4.0 | 7.4 | 1.85 |
| 15.1 | 18.7 | 21.8 | 23.8 | 26.3 | 29.8 | 33.9 | 37.4 | 41.4 | 45.4 | 60.5 | 71.5 | 86.5 | 100.8 | 130.8 | 8.6 | 16.0 | 1.86 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.5 | 28.0 | 31.0 | 33.0 | 35.5 | 39.0 | 43.0 | 46.5 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.8 | 139.8 | 4.6 | 8.6 | 1.87 |
| 27.2 | 30.7 | 33.7 | 35.7 | 38.2 | 41.7 | 45.7 | 49.2 | 53.2 | 57.2 | 72.2 | 83.2 | 98.2 | 112.4 | 142.4 | 3.4 | 6.4 | 1.88 |
| 23.5 | 27.0 | 30.0 | 32.0 | 34.5 | 38.0 | 42.0 | 45.5 | 49.5 | 53.5 | 68.6 | 79.6 | 94.6 | 108.8 | 138.8 | 5.0 | 9.4 | 1.88 |
| 19.8 | 23.3 | 26.3 | 28.3 | 30.8 | 34.4 | 38.4 | 41.9 | 45.9 | 49.9 | 64.9 | 75.9 | 90.9 | 105.2 | 135.2 | 6.6 | 12.4 | 1.88 |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 3.6 | 6.8 | 1.89 |
| **0.92** | **0.94** | **0.96** | **0.98** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 25.2 | 28.8 | 31.8 | 33.8 | 36.3 | 39.8 | 43.8 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.6 | 140.6 | 4.2 | 8.0 | 1.90 |
| 21.5 | 25.1 | 28.1 | 30.1 | 32.6 | 36.1 | 40.1 | 43.6 | 47.6 | 51.6 | 66.7 | 77.7 | 92.7 | 106.9 | 136.9 | 5.8 | 11.0 | 1.90 |
| 16.1 | 19.7 | 22.7 | 24.7 | 27.3 | 30.8 | 34.8 | 38.3 | 42.4 | 46.4 | 61.4 | 72.4 | 87.4 | 101.7 | 131.7 | 8.0 | 15.4 | 1.92 |
| 27.0 | 30.5 | 33.5 | 35.5 | 38.0 | 41.5 | 45.5 | 49.0 | 53.0 | 57.0 | 72.0 | 83.0 | 98.0 | 112.3 | 142.3 | 3.4 | 6.6 | 1.94 |
| 26.5 | 30.0 | 33.0 | 35.0 | 37.5 | 41.0 | 45.0 | 48.5 | 52.5 | 56.5 | 71.6 | 82.6 | 97.6 | 111.8 | 141.8 | 3.6 | 7.0 | 1.94 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 19.9 | 23.4 | 26.5 | 28.5 | 31.0 | 34.5 | 38.5 | 42.0 | 46.0 | 50.0 | 65.1 | 76.1 | 91.1 | 105.3 | 135.4 | 6.4 | 12.4 | 1.94 |
| 18.4 | 22.0 | 25.0 | 27.0 | 29.5 | 33.1 | 37.1 | 40.6 | 44.6 | 48.6 | 63.6 | 74.6 | 89.7 | 103.9 | 133.9 | 7.0 | 13.6 | 1.94 |
| 26.0 | 29.5 | 32.6 | 34.6 | 37.1 | 40.6 | 44.6 | 48.1 | 52.1 | 56.1 | 71.1 | 82.1 | 97.1 | 111.3 | 141.3 | 3.8 | 7.4 | 1.95 |
| 24.6 | 28.1 | 31.1 | 33.1 | 35.6 | 39.1 | 43.1 | 46.6 | 50.6 | 54.6 | 69.7 | 80.7 | 95.7 | 109.9 | 139.9 | 4.4 | 8.6 | 1.95 |
| 23.6 | 27.1 | 30.2 | 32.2 | 34.7 | 38.2 | 42.2 | 45.7 | 49.7 | 53.7 | 68.7 | 79.7 | 94.7 | 109.0 | 139.0 | 4.8 | 9.4 | 1.96 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 21.7 | 25.2 | 28.2 | 30.2 | 32.8 | 36.3 | 40.3 | 43.8 | 47.8 | 51.8 | 66.8 | 77.8 | 92.8 | 107.1 | 137.1 | 5.6 | 11.0 | 1.96 |
| — | 15.9 | 19.0 | 21.1 | 23.6 | 27.2 | 31.2 | 34.8 | 38.8 | 42.8 | 57.9 | 68.9 | 83.9 | 98.2 | 128.2 | 9.4 | 18.4 | 1.96 |
| 26.8 | 30.3 | 33.3 | 35.3 | 37.9 | 41.4 | 45.4 | 48.9 | 52.9 | 56.9 | 71.9 | 82.9 | 97.9 | 112.1 | 142.1 | 3.4 | 6.8 | 2.00 |
| 25.4 | 28.9 | 31.9 | 33.9 | 36.4 | 39.9 | 43.9 | 47.4 | 51.4 | 55.4 | 70.4 | 81.5 | 96.5 | 110.7 | 140.7 | 4.0 | 8.0 | 2.00 |
| 20.1 | 23.6 | 26.6 | 28.6 | 31.1 | 34.7 | 38.7 | 42.2 | 46.2 | 50.2 | 65.2 | 76.2 | 91.2 | 105.5 | 135.5 | 6.2 | 12.4 | 2.00 |
| **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 18.6 | 22.1 | 25.1 | 27.2 | 29.7 | 33.2 | 37.2 | 40.7 | 44.7 | 48.8 | 63.8 | 74.8 | 89.8 | 104.1 | 134.1 | 6.8 | 13.6 | 2.00 |
| 15.5 | 19.1 | 22.2 | 24.2 | 26.8 | 30.3 | 34.3 | 37.8 | 41.9 | 45.9 | 60.9 | 71.9 | 87.0 | 101.2 | 131.2 | 8.0 | 16.0 | 2.00 |
| 23.8 | 27.3 | 30.3 | 32.3 | 34.8 | 38.3 | 42.3 | 45.8 | 49.8 | 53.9 | 68.9 | 79.9 | 94.9 | 109.1 | 139.1 | 4.6 | 9.4 | 2.04 |
| 21.8 | 25.4 | 28.4 | 30.4 | 32.9 | 36.4 | 40.4 | 43.9 | 47.9 | 51.9 | 67.0 | 78.0 | 93.0 | 107.2 | 137.2 | 5.4 | 11.0 | 2.04 |
| 24.7 | 28.3 | 31.3 | 33.3 | 35.8 | 39.3 | 43.3 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 95.8 | 110.1 | 140.1 | 4.2 | 8.6 | 2.05 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.20** | **1.24** | **1.30** | | | |
| 26.7 | 30.2 | 33.2 | 35.2 | 37.7 | 41.2 | 45.2 | 48.7 | 52.7 | 56.7 | 71.7 | 82.7 | 97.7 | 112.0 | 142.0 | 3.4 | 7.0 | 2.06 |
| 26.2 | 29.7 | 32.7 | 34.7 | 37.2 | 40.7 | 44.7 | 48.2 | 52.2 | 56.2 | 71.2 | 82.2 | 97.2 | 111.5 | 141.5 | 3.6 | 7.4 | 2.06 |
| 18.7 | 22.3 | 25.3 | 27.3 | 29.8 | 33.4 | 37.4 | 40.9 | 44.9 | 48.9 | 63.9 | 75.0 | 90.0 | 104.2 | 134.2 | 6.6 | 13.6 | 2.06 |
| 20.2 | 23.7 | 26.8 | 28.8 | 31.3 | 34.8 | 38.8 | 42.3 | 46.3 | 50.3 | 65.4 | 76.4 | 91.4 | 105.7 | 135.7 | 6.0 | 12.4 | 2.07 |
| 16.5 | 20.1 | 23.1 | 25.2 | 27.7 | 31.2 | 35.3 | 38.8 | 42.8 | 46.8 | 61.9 | 72.9 | 87.9 | 102.2 | 132.2 | 7.4 | 15.4 | 2.08 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 2.11 | 3.8 | 8.0 | 1662 | 3.65 | 7.15 | 831 | 3.09 | 4.65 | 551 | 2.43 | 3.42 | 8.9 | 10.4 | 12.5 | 14.5 | 17.0 | 21.5 |
| 2.12 | 5.2 | 11.0 | 1655 | 9.40 | 13.63 | 827 | 6.93 | 8.69 | 548 | 5.18 | 6.26 | — | — | — | 10.8 | 13.4 | 17.9 |
| 2.12 | 6.4 | 13.6 | 1647 | 13.14 | 18.22 | 824 | 10.00 | 11.96 | 546 | 7.44 | 8.62 | — | — | — | — | — | 14.8 |
| 2.13 | 9.4 | 20.0 | + | + | + | 822 | 16.71 | 19.34 | 545 | 12.68 | 14.17 | — | — | — | — | — | — |
| 2.14 | 4.4 | 9.4 | 1638 | 6.29 | 10.07 | 819 | 4.77 | 6.41 | 543 | 3.63 | 4.65 | — | — | 10.8 | 12.8 | 15.4 | 19.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.72** | **0.74** | **0.77** | **0.80** | **0.83** | **0.88** |
| 2.14 | 5.8 | 12.4 | 1637 | 11.42 | 16.04 | 819 | 8.49 | 10.35 | 543 | 6.32 | 7.45 | — | — | — | — | 11.6 | 16.3 |
| 2.14 | 8.6 | 18.4 | + | + | + | 818 | 15.07 | 17.49 | 542 | 11.34 | 12.74 | — | — | — | — | — | — |
| 2.15 | 4.0 | 8.6 | 1628 | 4.56 | 8.15 | 814 | 3.66 | 5.25 | 540 | 2.83 | 3.83 | 8.2 | 9.7 | 11.8 | 13.8 | 16.3 | 20.9 |
| 2.16 | 7.4 | 16.0 | + | + | + | 809 | 12.40 | 14.55 | 536 | 9.25 | 10.52 | — | — | — | — | — | — |
| 2.18 | 3.4 | 7.4 | 1608 | 1.78 | 5.12 | 804 | 1.95 | 3.46 | 533 | 1.62 | 2.59 | 9.7 | 11.2 | 13.3 | 15.3 | 17.8 | 22.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.73** | **0.77** | **0.80** | **0.83** | **0.87** |
| 2.19 | 6.2 | 13.6 | 1596 | 12.61 | 17.53 | 798 | 9.51 | 11.43 | 529 | 7.07 | 8.23 | — | — | — | — | — | 14.9 |
| 2.20 | 5.0 | 11.0 | 1591 | 8.67 | 12.78 | 795 | 6.40 | 8.13 | 527 | 4.80 | 5.87 | — | — | — | 10.9 | 13.5 | 18.1 |
| 2.20 | 7.0 | 15.4 | 1591 | 14.55 | 20.14 | 795 | 11.46 | 13.53 | 527 | 8.53 | 9.77 | — | — | — | — | — | — |
| 2.21 | 5.6 | 12.4 | 1581 | 10.79 | 15.27 | 790 | 7.98 | 9.80 | 524 | 5.95 | 7.06 | — | — | — | — | 11.8 | 16.4 |
| 2.22 | 3.6 | 8.0 | 1575 | 2.74 | 6.15 | 787 | 2.52 | 4.06 | 522 | 2.03 | 3.01 | 9.0 | 10.6 | 12.6 | 14.6 | 17.1 | 21.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.74** | **0.77** | **0.80** | **0.83** | **0.88** |
| 2.24 | 4.2 | 9.4 | 1564 | 5.45 | 9.13 | 782 | 4.22 | 5.84 | 518 | 3.23 | 4.25 | — | 8.8 | 10.9 | 13.0 | 15.5 | 20.1 |
| 2.26 | 3.8 | 8.6 | 1547 | 3.67 | 7.17 | 773 | 3.10 | 4.66 | 513 | 2.44 | 3.42 | 8.3 | 9.9 | 11.9 | 14.0 | 16.5 | 21.0 |
| 2.26 | 6.8 | 15.4 | 1545 | 14.13 | 19.54 | 773 | 10.99 | 13.02 | 512 | 8.17 | 9.39 | — | — | — | — | — | — |
| 2.27 | 6.0 | 13.6 | 1544 | 12.04 | 16.81 | 772 | 9.01 | 10.89 | 512 | 6.70 | 7.85 | — | — | — | — | — | 15.0 |
| 2.29 | 4.8 | 11.0 | 1527 | 7.92 | 11.91 | 764 | 5.87 | 7.57 | 506 | 4.41 | 5.47 | — | — | — | 11.1 | 13.6 | 18.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.73** | **0.77** | **0.79** | **0.83** | **0.87** |
| 2.29 | 7.0 | 16.0 | 1531 | 14.56 | 20.15 | 766 | 11.47 | 13.54 | 508 | 8.54 | 9.77 | — | — | — | — | — | — |
| 2.30 | 5.4 | 12.4 | 1524 | 10.12 | 14.47 | 762 | 7.47 | 9.25 | 505 | 5.57 | 6.67 | — | — | — | — | 11.9 | 16.5 |
| 2.30 | 8.0 | 18.4 | + | + | + | 761 | 13.77 | 16.05 | 504 | 10.31 | 11.64 | — | — | — | — | — | — |
| 2.33 | 6.6 | 15.4 | 1500 | 13.67 | 18.91 | 750 | 10.50 | 12.50 | 497 | 7.81 | 9.01 | — | — | — | — | — | — |
| 2.33 | 8.6 | 20.0 | + | + | + | 752 | 15.08 | 17.50 | 499 | 11.35 | 12.74 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.84** |
| 2.34 | 5.8 | 13.6 | 1493 | 11.44 | 16.06 | 746 | 8.50 | 10.35 | 495 | 6.33 | 7.46 | — | — | — | — | — | 15.2 |
| 2.35 | 3.4 | 8.0 | 1487 | 1.80 | 5.13 | 744 | 1.95 | 3.47 | 493 | 1.63 | 2.59 | 9.2 | 10.7 | 12.7 | 14.8 | 17.3 | 21.8 |
| 2.35 | 4.0 | 9.4 | 1489 | 4.58 | 8.17 | 745 | 3.67 | 5.26 | 494 | 2.84 | 3.84 | — | 9.0 | 11.0 | 13.1 | 15.6 | 20.2 |
| 2.35 | 6.8 | 16.0 | 1487 | 14.14 | 19.55 | 744 | 10.99 | 13.02 | 493 | 8.18 | 9.39 | — | — | — | — | — | — |
| 2.38 | 5.2 | 12.4 | 1468 | 9.43 | 13.65 | 734 | 6.94 | 8.70 | 486 | 5.19 | 6.27 | — | — | — | — | 12.0 | 16.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.74** | **0.77** | **0.80** | **0.83** | **0.87** |
| 2.39 | 3.6 | 8.6 | 1465 | 2.76 | 6.17 | 733 | 2.53 | 4.07 | 486 | 2.04 | 3.01 | 8.4 | 10.0 | 12.1 | 14.1 | 16.6 | 21.2 |
| 2.39 | 4.6 | 11.0 | 1464 | 7.13 | 11.01 | 732 | 5.33 | 7.00 | 485 | 4.03 | 5.07 | — | — | — | 11.2 | 13.8 | 18.4 |
| 2.41 | 6.4 | 15.4 | 1455 | 13.17 | 18.24 | 727 | 10.02 | 11.97 | 482 | 7.45 | 8.62 | — | — | — | — | — | 13.0 |
| 2.42 | 6.6 | 16.0 | 1444 | 13.67 | 18.91 | 722 | 10.51 | 12.50 | 478 | 7.81 | 9.01 | — | — | — | — | — | — |
| 2.43 | 5.6 | 13.6 | 1441 | 10.81 | 15.29 | 721 | 7.99 | 9.81 | 478 | 5.95 | 7.06 | — | — | — | — | — | 15.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.73** | **0.76** | **0.79** | **0.82** | **0.87** |
| 2.47 | 3.8 | 9.4 | 1415 | 3.69 | 7.18 | 707 | 3.11 | 4.67 | 469 | 2.44 | 3.43 | — | 9.1 | 11.2 | 13.2 | 15.8 | 20.3 |
| 2.48 | 5.0 | 12.4 | 1411 | 8.70 | 12.80 | 706 | 6.42 | 8.14 | 468 | 4.81 | 5.87 | — | — | — | — | 12.2 | 16.8 |
| 2.48 | 6.2 | 15.4 | 1409 | 12.63 | 17.55 | 705 | 9.52 | 11.44 | 467 | 7.08 | 8.24 | — | — | — | — | — | 13.1 |
| 2.49 | 7.4 | 18.4 | + | + | + | 704 | 12.42 | 14.57 | 467 | 9.26 | 10.53 | — | — | — | — | — | — |
| 2.50 | 4.4 | 11.0 | 1400 | 6.32 | 10.09 | 700 | 4.79 | 6.43 | 464 | 3.64 | 4.66 | — | — | — | 11.3 | 13.9 | 18.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.71** | **0.75** | **0.78** | **0.82** | **0.87** |
| 2.50 | 6.4 | 16.0 | 1400 | 13.18 | 18.25 | 700 | 10.02 | 11.97 | 464 | 7.45 | 8.63 | — | — | — | — | — | — |
| 2.50 | 8.0 | 20.0 | + | + | + | 700 | 13.78 | 16.06 | 464 | 10.32 | 11.65 | — | — | — | — | — | — |
| 2.52 | 5.4 | 13.6 | 1390 | 10.14 | 14.49 | 695 | 7.48 | 9.26 | 461 | 5.57 | 6.67 | — | — | — | — | — | 15.4 |
| 2.53 | 3.4 | 8.6 | 1384 | 1.81 | 5.14 | 692 | 1.96 | 3.48 | 459 | 1.63 | 2.59 | 8.6 | 10.1 | 12.2 | 14.2 | 16.8 | 21.3 |
| 2.57 | 6.0 | 15.4 | 1364 | 12.07 | 16.83 | 682 | 9.02 | 10.90 | 452 | 6.71 | 7.85 | — | — | — | — | — | 13.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.73** | **0.76** | **0.79** | **0.82** | **0.87** |
| 2.58 | 4.8 | 12.4 | 1355 | 7.94 | 11.93 | 677 | 5.88 | 7.58 | 449 | 4.42 | 5.47 | — | — | — | — | 12.3 | 17.0 |
| 2.58 | 6.2 | 16.0 | 1356 | 12.64 | 17.55 | 678 | 9.52 | 11.44 | 449 | 7.08 | 8.24 | — | — | — | — | — | — |
| 2.61 | 3.6 | 9.4 | 1340 | 2.77 | 6.18 | 670 | 2.54 | 4.08 | 444 | 2.04 | 3.01 | — | 9.2 | 11.3 | 13.4 | 15.9 | 20.5 |
| 2.62 | 4.2 | 11.0 | 1336 | 5.48 | 9.15 | 668 | 4.24 | 5.85 | 443 | 3.24 | 4.25 | — | — | — | 11.5 | 14.1 | 18.7 |
| 2.62 | 5.2 | 13.6 | 1338 | 9.44 | 13.66 | 669 | 6.95 | 8.70 | 444 | 5.19 | 6.28 | — | — | — | — | — | 15.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.71** | **0.75** | **0.78** | **0.82** | **0.86** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 210 | 240 | 300 | | | |
| 25.5 | 29.1 | 32.1 | 34.1 | 36.6 | 40.1 | 44.1 | 47.6 | 51.6 | 55.6 | 70.6 | 81.6 | 96.6 | 110.9 | 140.9 | 3.8 | 8.0 | 2.11 |
| 22.0 | 25.5 | 28.5 | 30.5 | 33.0 | 36.6 | 40.6 | 44.1 | 48.1 | 52.1 | 67.1 | 78.1 | 93.1 | 107.4 | 137.4 | 5.2 | 11.0 | 2.12 |
| 18.8 | 22.4 | 25.4 | 27.5 | 30.0 | 33.5 | 37.5 | 41.0 | 45.0 | 49.1 | 64.1 | 75.1 | 90.1 | 104.4 | 134.4 | 6.4 | 13.6 | 2.12 |
| — | — | 17.5 | 19.6 | 22.2 | 25.8 | 29.8 | 33.4 | 37.4 | 41.5 | 56.6 | 67.6 | 82.6 | 96.9 | 126.9 | 9.4 | 20.0 | 2.13 |
| 23.9 | 27.4 | 30.5 | 32.5 | 35.0 | 38.5 | 42.5 | 46.0 | 50.0 | 54.0 | 69.0 | 80.0 | 95.0 | 109.3 | 139.3 | 4.4 | 9.4 | 2.14 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.99** | **1.00** | **1.03** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 20.3 | 23.9 | 26.9 | 28.9 | 31.4 | 34.9 | 39.0 | 42.5 | 46.5 | 50.5 | 65.5 | 76.5 | 91.5 | 105.8 | 135.8 | 5.8 | 12.4 | 2.14 |
| — | 16.5 | 19.6 | 21.6 | 24.2 | 27.8 | 31.8 | 35.4 | 39.4 | 43.4 | 58.5 | 69.5 | 84.6 | 98.8 | 128.9 | 8.6 | 18.4 | 2.14 |
| 24.9 | 28.4 | 31.4 | 33.4 | 35.9 | 39.4 | 43.4 | 46.9 | 51.0 | 55.0 | 70.0 | 81.0 | 96.0 | 110.2 | 140.2 | 4.0 | 8.6 | 2.15 |
| 15.9 | 19.5 | 22.6 | 24.6 | 27.2 | 30.7 | 34.8 | 38.3 | 42.3 | 46.3 | 61.4 | 72.4 | 87.4 | 101.7 | 131.7 | 7.4 | 16.0 | 2.16 |
| 26.3 | 29.9 | 32.9 | 34.9 | 37.4 | 40.9 | 44.9 | 48.4 | 52.4 | 56.4 | 71.4 | 82.4 | 97.4 | 111.6 | 141.7 | 3.4 | 7.4 | 2.18 |
| **0.91** | **0.93** | **0.96** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.16** | **1.20** | **1.24** | **1.30** | | | |
| 19.0 | 22.5 | 25.6 | 27.6 | 30.1 | 33.6 | 37.7 | 41.2 | 45.2 | 49.2 | 64.2 | 75.3 | 90.3 | 104.5 | 134.5 | 6.2 | 13.6 | 2.19 |
| 22.1 | 25.7 | 28.7 | 30.7 | 33.2 | 36.7 | 40.7 | 44.2 | 48.2 | 52.2 | 67.3 | 78.3 | 93.3 | 107.5 | 137.6 | 5.0 | 11.0 | 2.20 |
| 16.8 | 20.4 | 23.4 | 25.5 | 28.0 | 31.5 | 35.6 | 39.1 | 43.1 | 47.1 | 62.2 | 73.2 | 88.2 | 102.5 | 132.5 | 7.0 | 15.4 | 2.20 |
| 20.5 | 24.0 | 27.0 | 29.1 | 31.6 | 35.1 | 39.1 | 42.6 | 46.6 | 50.6 | 65.7 | 76.7 | 91.7 | 106.0 | 136.0 | 5.6 | 12.4 | 2.21 |
| 25.7 | 29.2 | 32.2 | 34.2 | 36.7 | 40.2 | 44.2 | 47.7 | 51.7 | 55.7 | 70.8 | 81.8 | 96.8 | 111.0 | 141.0 | 3.6 | 8.0 | 2.22 |
| **0.91** | **0.94** | **0.96** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.17** | **1.21** | **1.24** | **1.30** | | | |
| 24.1 | 27.6 | 30.6 | 32.6 | 35.1 | 38.6 | 42.6 | 46.1 | 50.2 | 54.2 | 69.2 | 80.2 | 95.2 | 109.4 | 139.4 | 4.2 | 9.4 | 2.24 |
| 25.0 | 28.6 | 31.6 | 33.6 | 36.1 | 39.8 | 43.6 | 47.1 | 51.1 | 55.1 | 70.1 | 81.1 | 96.1 | 110.4 | 140.4 | 3.8 | 8.6 | 2.26 |
| 16.9 | 20.5 | 23.6 | 25.6 | 28.1 | 31.7 | 35.7 | 39.2 | 43.3 | 47.3 | 62.3 | 73.3 | 88.4 | 102.6 | 132.6 | 6.8 | 15.4 | 2.26 |
| 19.1 | 22.7 | 25.7 | 27.7 | 30.3 | 33.8 | 37.8 | 41.3 | 45.3 | 49.4 | 64.4 | 75.4 | 90.4 | 104.7 | 134.7 | 6.0 | 13.6 | 2.27 |
| 22.3 | 25.8 | 28.8 | 30.8 | 33.3 | 36.9 | 40.9 | 44.4 | 48.4 | 52.4 | 67.4 | 78.4 | 93.4 | 107.7 | 137.7 | 4.8 | 11.0 | 2.29 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.16** | **1.20** | **1.24** | **1.29** | | | |
| 16.2 | 19.8 | 22.9 | 24.9 | 27.5 | 31.0 | 35.0 | 38.6 | 42.6 | 46.6 | 61.7 | 72.7 | 87.7 | 102.0 | 132.0 | 7.0 | 16.0 | 2.29 |
| 20.6 | 24.2 | 27.2 | 29.2 | 31.7 | 35.2 | 39.3 | 42.8 | 46.8 | 50.8 | 65.8 | 76.8 | 91.9 | 106.1 | 136.1 | 5.4 | 12.4 | 2.30 |
| — | 16.9 | 20.0 | 22.1 | 24.6 | 28.2 | 32.2 | 35.8 | 39.8 | 43.9 | 58.9 | 70.0 | 85.0 | 99.3 | 129.3 | 8.0 | 18.4 | 2.30 |
| 17.1 | 20.7 | 23.7 | 25.7 | 28.3 | 31.8 | 35.9 | 39.4 | 43.4 | 47.4 | 62.5 | 73.5 | 88.5 | 102.8 | 132.8 | 6.6 | 15.4 | 2.33 |
| — | — | 18.0 | 20.1 | 22.7 | 26.3 | 30.4 | 34.0 | 38.0 | 42.1 | 57.2 | 68.2 | 83.2 | 97.5 | 127.6 | 8.6 | 20.0 | 2.33 |
| **0.89** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.12** | **1.16** | **1.20** | **1.23** | **1.29** | | | |
| 19.3 | 22.8 | 25.9 | 27.9 | 30.4 | 33.9 | 38.0 | 41.5 | 45.5 | 49.5 | 64.5 | 75.6 | 90.6 | 104.8 | 134.9 | 5.8 | 13.6 | 2.34 |
| 25.8 | 29.4 | 32.4 | 34.4 | 36.9 | 40.4 | 44.4 | 47.9 | 51.9 | 55.9 | 70.9 | 81.9 | 96.9 | 111.2 | 141.2 | 3.4 | 8.0 | 2.35 |
| 24.2 | 27.7 | 30.8 | 32.8 | 35.3 | 38.8 | 42.8 | 46.3 | 50.3 | 54.3 | 69.3 | 80.3 | 95.3 | 109.6 | 139.6 | 4.0 | 9.4 | 2.35 |
| 16.3 | 20.0 | 23.0 | 25.1 | 27.6 | 31.2 | 35.2 | 38.7 | 42.7 | 46.8 | 61.8 | 72.8 | 87.9 | 102.1 | 132.2 | 6.8 | 16.0 | 2.35 |
| 20.8 | 24.3 | 27.3 | 29.4 | 31.9 | 35.4 | 39.4 | 42.9 | 46.9 | 50.9 | 66.0 | 77.0 | 92.0 | 106.3 | 136.3 | 5.2 | 12.4 | 2.38 |
| **0.91** | **0.93** | **0.96** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.16** | **1.20** | **1.24** | **1.30** | | | |
| 25.2 | 28.7 | 31.7 | 33.7 | 36.2 | 39.7 | 43.7 | 47.3 | 51.3 | 55.3 | 70.3 | 81.3 | 96.3 | 110.5 | 140.5 | 3.6 | 8.6 | 2.39 |
| 22.4 | 26.0 | 29.0 | 31.0 | 33.5 | 37.0 | 41.0 | 44.5 | 48.5 | 52.6 | 67.6 | 78.6 | 93.6 | 107.9 | 137.9 | 4.6 | 11.0 | 2.39 |
| 17.2 | 20.8 | 23.9 | 25.9 | 28.4 | 32.0 | 36.0 | 39.5 | 43.5 | 47.6 | 62.6 | 73.6 | 88.7 | 102.9 | 133.0 | 6.4 | 15.4 | 2.41 |
| 16.5 | 20.1 | 23.2 | 25.2 | 27.8 | 31.3 | 35.3 | 38.9 | 42.9 | 46.9 | 62.0 | 73.0 | 88.0 | 102.3 | 132.3 | 6.6 | 16.0 | 2.42 |
| 19.4 | 23.0 | 26.0 | 28.0 | 30.6 | 34.1 | 38.1 | 41.6 | 45.6 | 49.7 | 64.7 | 75.7 | 90.7 | 105.0 | 135.0 | 5.6 | 13.6 | 2.43 |
| **0.91** | **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.13** | **1.16** | **1.20** | **1.24** | **1.29** | | | |
| 24.4 | 27.9 | 30.9 | 32.9 | 35.4 | 38.9 | 42.9 | 46.4 | 50.5 | 54.5 | 69.5 | 80.5 | 95.5 | 109.7 | 139.8 | 3.8 | 9.4 | 2.47 |
| 20.9 | 24.5 | 27.5 | 29.5 | 32.0 | 35.5 | 39.6 | 43.1 | 47.1 | 51.1 | 66.1 | 77.1 | 92.2 | 106.4 | 136.4 | 5.0 | 12.4 | 2.48 |
| 17.3 | 20.9 | 24.0 | 26.0 | 28.6 | 32.1 | 36.1 | 39.7 | 43.7 | 47.7 | 62.8 | 73.8 | 88.8 | 103.1 | 133.1 | 6.2 | 15.4 | 2.48 |
| — | 17.3 | 20.4 | 22.5 | 25.0 | 28.6 | 32.7 | 36.2 | 40.3 | 44.3 | 59.4 | 70.4 | 85.5 | 99.7 | 129.8 | 7.4 | 18.4 | 2.49 |
| 22.6 | 26.1 | 29.1 | 31.1 | 33.6 | 37.2 | 41.2 | 44.7 | 48.7 | 52.7 | 67.7 | 78.7 | 93.7 | 108.0 | 138.0 | 4.4 | 11.0 | 2.50 |
| **0.90** | **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.13** | **1.16** | **1.20** | **1.24** | **1.29** | | | |
| 16.6 | 20.2 | 23.3 | 25.4 | 27.9 | 31.4 | 35.5 | 39.0 | 43.0 | 47.1 | 62.1 | 73.1 | 88.2 | 102.4 | 132.5 | 6.4 | 16.0 | 2.50 |
| — | — | 18.4 | 20.5 | 23.1 | 26.7 | 30.8 | 34.4 | 38.4 | 42.5 | 57.6 | 68.6 | 83.7 | 98.0 | 128.0 | 8.0 | 20.0 | 2.50 |
| 19.5 | 23.1 | 26.2 | 28.2 | 30.7 | 34.2 | 38.3 | 41.8 | 45.8 | 49.8 | 64.8 | 75.9 | 90.9 | 105.1 | 135.2 | 5.4 | 13.6 | 2.52 |
| 25.3 | 28.9 | 31.9 | 33.9 | 36.4 | 39.9 | 43.9 | 47.4 | 51.4 | 55.4 | 70.4 | 81.4 | 96.4 | 110.7 | 140.7 | 3.4 | 8.6 | 2.53 |
| 17.5 | 21.1 | 24.1 | 26.2 | 28.7 | 32.2 | 36.3 | 39.8 | 43.8 | 47.9 | 62.9 | 73.9 | 89.0 | 103.2 | 133.3 | 6.0 | 15.4 | 2.57 |
| **0.90** | **0.93** | **0.95** | **0.97** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.13** | **1.16** | **1.20** | **1.24** | **1.29** | | | |
| 21.0 | 24.6 | 27.6 | 29.6 | 32.2 | 35.7 | 39.7 | 43.2 | 47.2 | 51.3 | 66.3 | 77.3 | 92.3 | 106.6 | 136.6 | 4.8 | 12.4 | 2.58 |
| 16.7 | 20.4 | 23.5 | 25.5 | 28.0 | 31.6 | 35.6 | 39.2 | 43.2 | 47.2 | 62.3 | 73.3 | 88.3 | 102.6 | 132.6 | 6.2 | 16.0 | 2.58 |
| 24.5 | 28.0 | 31.1 | 33.1 | 35.6 | 39.1 | 43.1 | 46.6 | 50.6 | 54.6 | 69.6 | 80.6 | 95.6 | 109.9 | 139.9 | 3.6 | 9.4 | 2.61 |
| 22.7 | 26.2 | 29.3 | 31.3 | 33.8 | 37.3 | 41.3 | 44.8 | 48.8 | 52.9 | 67.9 | 78.9 | 93.9 | 108.2 | 138.2 | 4.2 | 11.0 | 2.62 |
| 19.7 | 23.3 | 26.3 | 28.3 | 30.8 | 34.4 | 38.4 | 41.9 | 45.9 | 50.0 | 65.0 | 76.0 | 91.0 | 105.3 | 135.3 | 5.2 | 13.6 | 2.62 |
| **0.90** | **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.13** | **1.16** | **1.20** | **1.24** | **1.29** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 2.63 | 7.0 | 18.4 | 1332 | 14.59 | 20.17 | 666 | 11.48 | 13.55 | 441 | 8.54 | 9.78 | — | — | — | — | — | — |
| 2.66 | 5.8 | 15.4 | 1318 | 11.46 | 16.08 | 659 | 8.51 | 10.36 | 437 | 6.33 | 7.46 | — | — | — | — | — | 13.4 |
| 2.66 | 9.4 | 25.0 | + | + | + | 658 | 16.73 | 19.36 | 436 | 12.70 | 14.18 | — | — | — | — | — | — |
| 2.67 | 6.0 | 16.0 | 1313 | 12.07 | 16.83 | 656 | 9.02 | 10.91 | 435 | 6.71 | 7.85 | — | — | — | — | — | — |
| 2.70 | 4.6 | 12.4 | 1298 | 7.15 | 11.03 | 649 | 5.34 | 7.01 | 430 | 4.03 | 5.07 | — | — | — | — | 12.4 | 17.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.84** |
| 2.70 | 7.4 | 20.0 | + | + | + | 647 | 12.42 | 14.57 | 429 | 9.26 | 10.53 | — | — | — | — | — | — |
| 2.71 | 6.8 | 18.4 | 1293 | 14.16 | 19.57 | 647 | 11.00 | 13.03 | 429 | 8.18 | 9.40 | — | — | — | — | — | — |
| 2.72 | 5.0 | 13.6 | 1287 | 8.71 | 12.81 | 643 | 6.42 | 8.14 | 426 | 4.81 | 5.88 | — | — | — | — | — | 15.7 |
| 2.75 | 4.0 | 11.0 | 1273 | 4.61 | 8.19 | 636 | 3.68 | 5.27 | 422 | 2.85 | 3.85 | — | — | 9.5 | 11.6 | 14.2 | 18.8 |
| 2.75 | 5.6 | 15.4 | 1273 | 10.83 | 15.30 | 636 | 8.00 | 9.82 | 422 | 5.96 | 7.07 | — | — | — | — | — | 13.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.72** | **0.76** | **0.80** | **0.85** |
| 2.76 | 3.4 | 9.4 | 1266 | 1.82 | 5.15 | 633 | 1.97 | 3.48 | 420 | 1.64 | 2.60 | — | 9.4 | 11.5 | 13.5 | 16.1 | 20.6 |
| 2.76 | 5.8 | 16.0 | 1269 | 11.47 | 16.08 | 634 | 8.52 | 10.36 | 420 | 6.34 | 7.46 | — | — | — | — | — | — |
| 2.79 | 6.6 | 18.4 | 1255 | 13.69 | 18.93 | 628 | 10.52 | 12.51 | 416 | 7.82 | 9.01 | — | — | — | — | — | — |
| 2.82 | 4.4 | 12.4 | 1242 | 6.33 | 10.11 | 621 | 4.80 | 6.43 | 412 | 3.64 | 4.67 | — | — | — | — | 12.6 | 17.2 |
| 2.83 | 4.8 | 13.6 | 1235 | 7.95 | 11.94 | 618 | 5.89 | 7.58 | 409 | 4.42 | 5.48 | — | — | — | — | 11.1 | 15.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.71** | **0.75** | **0.78** | **0.81** | **0.86** |
| 2.85 | 5.4 | 15.4 | 1227 | 10.16 | 14.50 | 614 | 7.48 | 9.27 | 407 | 5.58 | 6.68 | — | — | — | — | — | 13.6 |
| 2.86 | 5.6 | 16.0 | 1225 | 10.83 | 15.31 | 612 | 8.00 | 9.82 | 406 | 5.96 | 7.07 | — | — | — | — | — | 12.9 |
| 2.86 | 7.0 | 20.0 | 1225 | 14.59 | 20.18 | 613 | 11.48 | 13.55 | 406 | 8.55 | 9.78 | — | — | — | — | — | — |
| 2.87 | 6.4 | 18.4 | 1217 | 13.19 | 18.26 | 609 | 10.03 | 11.98 | 403 | 7.45 | 8.63 | — | — | — | — | — | — |
| 2.89 | 3.8 | 11.0 | 1209 | 3.71 | 7.20 | 605 | 3.12 | 4.68 | 401 | 2.45 | 3.43 | — | — | 9.6 | 11.7 | 14.3 | 18.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.71** | **0.76** | **0.80** | **0.85** |
| 2.91 | 8.6 | 25.0 | + | + | + | 602 | 15.09 | 17.51 | 399 | 11.36 | 12.75 | — | — | — | — | — | — |
| 2.94 | 6.8 | 20.0 | 1190 | 14.17 | 19.57 | 595 | 11.01 | 13.03 | 394 | 8.19 | 9.40 | — | — | — | — | — | — |
| 2.95 | 4.2 | 12.4 | 1185 | 5.49 | 9.16 | 593 | 4.24 | 5.85 | 393 | 3.25 | 4.26 | — | — | — | — | 12.7 | 17.4 |
| 2.96 | 4.6 | 13.6 | 1184 | 7.16 | 11.04 | 592 | 5.35 | 7.01 | 392 | 4.04 | 5.07 | — | — | — | — | 11.2 | 16.0 |
| 2.96 | 5.2 | 15.4 | 1182 | 9.45 | 13.67 | 591 | 6.96 | 8.71 | 392 | 5.20 | 6.28 | — | — | — | — | — | 13.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.84** |
| 2.96 | 5.4 | 16.0 | 1181 | 10.16 | 14.50 | 591 | 7.48 | 9.27 | 391 | 5.58 | 6.68 | — | — | — | — | — | 13.0 |
| 2.97 | 6.2 | 18.4 | 1179 | 12.66 | 17.57 | 590 | 9.53 | 11.45 | 391 | 7.08 | 8.24 | — | — | — | — | — | — |
| 3.03 | 6.6 | 20.0 | 1155 | 13.70 | 18.94 | 577 | 10.52 | 12.51 | 383 | 7.82 | 9.02 | — | — | — | — | — | — |
| 3.06 | 3.6 | 11.0 | 1145 | 2.79 | 6.19 | 573 | 2.55 | 4.08 | 380 | 2.05 | 3.02 | — | — | 9.7 | 11.9 | 14.5 | 19.1 |
| 3.07 | 6.0 | 18.4 | 1141 | 12.08 | 16.84 | 571 | 9.03 | 10.91 | 378 | 6.71 | 7.86 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.71** | **0.75** | **0.79** | **0.85** |
| 3.08 | 5.0 | 15.4 | 1136 | 8.72 | 12.82 | 568 | 6.43 | 8.15 | 377 | 4.81 | 5.88 | — | — | — | — | — | 13.9 |
| 3.08 | 5.2 | 16.0 | 1137 | 9.46 | 13.68 | 569 | 6.96 | 8.71 | 377 | 5.20 | 6.28 | — | — | — | — | — | 13.1 |
| 3.09 | 4.4 | 13.6 | 1132 | 6.34 | 10.11 | 566 | 4.80 | 6.44 | 375 | 3.64 | 4.67 | — | — | — | — | 11.3 | 16.1 |
| 3.10 | 4.0 | 12.4 | 1129 | 4.62 | 8.20 | 565 | 3.69 | 5.27 | 374 | 2.85 | 3.85 | — | — | — | 10.2 | 12.8 | 17.5 |
| 3.13 | 6.4 | 20.0 | 1120 | 13.20 | 18.27 | 560 | 10.03 | 11.98 | 371 | 7.46 | 8.63 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.72** | **0.77** | **0.84** |
| 3.13 | 8.0 | 25.0 | + | + | + | 560 | 13.79 | 16.07 | 371 | 10.32 | 11.65 | — | — | — | — | — | — |
| 3.17 | 5.8 | 18.4 | 1103 | 11.48 | 16.09 | 552 | 8.52 | 10.37 | 366 | 6.34 | 7.47 | — | — | — | — | — | — |
| 3.19 | 9.4 | 30.0 | + | + | + | 548 | 16.74 | 19.37 | 363 | 12.70 | 14.19 | — | — | — | — | — | — |
| 3.20 | 5.0 | 16.0 | 1094 | 8.73 | 12.82 | 547 | 6.43 | 8.15 | 363 | 4.82 | 5.88 | — | — | — | — | — | 13.3 |
| 3.21 | 4.8 | 15.4 | 1091 | 7.96 | 11.95 | 545 | 5.89 | 7.58 | 362 | 4.43 | 5.48 | — | — | — | — | — | 14.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** |
| 3.23 | 6.2 | 20.0 | 1085 | 12.66 | 17.57 | 542 | 9.54 | 11.45 | 360 | 7.09 | 8.25 | — | — | — | — | — | — |
| 3.24 | 3.4 | 11.0 | 1082 | 1.84 | 5.17 | 541 | 1.97 | 3.49 | 359 | 1.64 | 2.60 | — | — | 9.9 | 12.0 | 14.6 | 19.2 |
| 3.24 | 4.2 | 13.6 | 1081 | 5.50 | 9.17 | 540 | 4.25 | 5.86 | 358 | 3.25 | 4.26 | — | — | — | — | 11.5 | 16.2 |
| 3.26 | 3.8 | 12.4 | 1073 | 3.72 | 7.21 | 536 | 3.12 | 4.68 | 355 | 2.45 | 3.44 | — | — | — | 10.3 | 13.0 | 17.7 |
| 3.29 | 5.6 | 18.4 | 1065 | 10.84 | 15.32 | 533 | 8.01 | 9.82 | 353 | 5.96 | 7.07 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.71** | **0.75** | **0.79** | **0.85** |
| 3.33 | 4.8 | 16.0 | 1050 | 7.96 | 11.95 | 525 | 5.89 | 7.59 | 348 | 4.43 | 5.48 | — | — | — | — | — | 13.4 |
| 3.33 | 6.0 | 20.0 | 1050 | 12.09 | 16.85 | 525 | 9.03 | 10.91 | 348 | 6.72 | 7.86 | — | — | — | — | — | — |
| 3.35 | 4.6 | 15.4 | 1045 | 7.17 | 11.05 | 523 | 5.35 | 7.01 | 346 | 4.04 | 5.08 | — | — | — | — | — | 14.2 |
| 3.38 | 7.4 | 25.0 | + | + | + | 518 | 12.43 | 14.58 | 343 | 9.27 | 10.54 | — | — | — | — | — | — |
| 3.40 | 4.0 | 13.6 | 1029 | 4.62 | 8.20 | 515 | 3.69 | 5.27 | 341 | 2.85 | 3.85 | — | — | — | — | 11.6 | 16.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.74** | **0.82** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 195 | 210 | 240 | 300 | | | |
| — | 17.5 | 20.7 | 22.7 | 25.3 | 28.9 | 33.0 | 36.5 | 40.6 | 44.6 | 59.7 | 70.7 | 78.2 | 85.8 | 100.0 | 130.1 | 7.0 | 18.4 | 2.63 |
| 17.6 | 21.2 | 24.3 | 26.3 | 28.9 | 32.4 | 36.4 | 40.0 | 44.0 | 48.0 | 63.1 | 74.1 | 81.6 | 89.1 | 103.4 | 133.4 | 5.8 | 15.4 | 2.66 |
| — | — | — | — | — | 20.9 | 25.2 | 28.8 | 33.0 | 37.1 | 52.3 | 63.4 | 71.0 | 78.5 | 92.8 | 122.9 | 9.4 | 25.0 | 2.66 |
| 16.9 | 20.5 | 23.6 | 25.6 | 28.2 | 31.7 | 35.8 | 39.3 | 43.3 | 47.4 | 62.4 | 73.5 | 81.0 | 88.5 | 102.7 | 132.8 | 6.0 | 16.0 | 2.67 |
| 21.2 | 24.7 | 27.8 | 29.8 | 32.3 | 35.8 | 39.9 | 43.4 | 47.4 | 51.4 | 66.4 | 77.5 | 85.0 | 92.5 | 106.7 | 136.7 | 4.6 | 12.4 | 2.70 |
| **0.88** | **0.91** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| — | — | 18.8 | 20.9 | 23.5 | 27.1 | 31.2 | 34.8 | 38.9 | 42.9 | 58.0 | 69.1 | 76.6 | 84.1 | 98.4 | 128.5 | 7.4 | 20.0 | 2.70 |
| — | 17.7 | 20.8 | 22.9 | 25.4 | 29.0 | 33.1 | 36.6 | 40.7 | 44.7 | 59.8 | 70.9 | 78.4 | 85.9 | 100.2 | 130.2 | 6.8 | 18.4 | 2.71 |
| 19.8 | 23.4 | 26.4 | 28.5 | 31.0 | 34.5 | 38.6 | 42.1 | 46.1 | 50.1 | 65.1 | 76.2 | 83.7 | 91.2 | 105.5 | 135.5 | 5.0 | 13.6 | 2.72 |
| 22.9 | 26.4 | 29.4 | 31.4 | 33.9 | 37.5 | 41.5 | 45.0 | 49.0 | 53.0 | 68.0 | 79.0 | 86.5 | 94.1 | 108.3 | 138.3 | 4.0 | 11.0 | 2.75 |
| 17.7 | 21.3 | 24.4 | 26.5 | 29.0 | 32.5 | 36.6 | 40.1 | 44.1 | 48.2 | 63.2 | 74.2 | 81.8 | 89.3 | 103.5 | 133.6 | 5.6 | 15.4 | 2.75 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.02** | **1.03** | **1.05** | **1.07** | **1.13** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 24.7 | 28.3 | 31.2 | 33.2 | 35.7 | 39.2 | 43.2 | 46.8 | 50.8 | 54.8 | 69.8 | 80.8 | 88.3 | 95.8 | 110.1 | 140.1 | 3.4 | 9.4 | 2.76 |
| 17.0 | 20.6 | 23.7 | 25.8 | 28.3 | 31.9 | 35.9 | 39.4 | 43.5 | 47.5 | 62.6 | 73.6 | 81.1 | 88.6 | 102.9 | 132.9 | 5.8 | 16.0 | 2.76 |
| — | 17.8 | 20.9 | 23.0 | 25.6 | 29.2 | 33.2 | 36.8 | 40.8 | 44.9 | 60.0 | 71.0 | 78.5 | 86.1 | 100.3 | 130.4 | 6.6 | 18.4 | 2.79 |
| 21.3 | 24.9 | 27.9 | 29.9 | 32.5 | 36.0 | 40.0 | 43.5 | 47.5 | 51.6 | 66.6 | 77.6 | 85.1 | 92.6 | 106.9 | 136.9 | 4.4 | 12.4 | 2.82 |
| 20.0 | 23.5 | 26.6 | 28.6 | 31.1 | 34.7 | 38.7 | 42.2 | 46.2 | 50.3 | 65.3 | 76.3 | 83.8 | 91.3 | 105.6 | 135.6 | 4.8 | 13.6 | 2.83 |
| **0.90** | **0.93** | **0.95** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.07** | **1.13** | **1.16** | **1.18** | **1.20** | **1.24** | **1.29** | | | |
| 17.9 | 21.5 | 24.6 | 26.6 | 29.1 | 32.7 | 36.7 | 40.3 | 44.3 | 48.3 | 63.4 | 74.4 | 81.9 | 89.4 | 103.7 | 133.7 | 5.4 | 15.4 | 2.85 |
| 17.1 | 20.8 | 23.9 | 25.9 | 28.5 | 32.0 | 36.1 | 39.6 | 43.6 | 47.7 | 62.7 | 73.8 | 81.3 | 88.8 | 103.1 | 133.1 | 5.6 | 16.0 | 2.86 |
| — | 15.9 | 19.1 | 21.2 | 23.8 | 27.4 | 31.5 | 35.1 | 39.2 | 43.2 | 58.3 | 69.4 | 76.9 | 84.4 | 98.7 | 128.8 | 7.0 | 20.0 | 2.86 |
| — | 17.9 | 21.1 | 23.1 | 25.7 | 29.3 | 33.4 | 36.9 | 41.0 | 45.0 | 60.1 | 71.2 | 78.7 | 86.2 | 100.5 | 130.5 | 6.4 | 18.4 | 2.87 |
| 23.0 | 26.5 | 29.6 | 31.6 | 34.1 | 37.6 | 41.6 | 45.1 | 49.1 | 53.2 | 68.2 | 79.2 | 86.7 | 94.2 | 108.5 | 138.5 | 3.8 | 11.0 | 2.89 |
| **0.89** | **0.92** | **0.94** | **0.96** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| — | — | — | — | — | 21.4 | 25.7 | 29.4 | 33.5 | 37.6 | 52.9 | 64.0 | 71.5 | 79.1 | 93.4 | 123.5 | 8.6 | 25.0 | 2.91 |
| — | 16.0 | 19.2 | 21.3 | 23.9 | 27.6 | 31.7 | 35.2 | 39.3 | 43.3 | 58.5 | 69.5 | 77.1 | 84.6 | 98.9 | 128.9 | 6.6 | 20.0 | 2.94 |
| 21.5 | 25.0 | 28.1 | 30.1 | 32.6 | 36.1 | 40.2 | 43.7 | 47.7 | 51.7 | 66.7 | 77.8 | 85.3 | 92.8 | 107.0 | 137.1 | 4.2 | 12.4 | 2.95 |
| 20.1 | 23.7 | 26.7 | 28.8 | 31.3 | 34.8 | 38.8 | 42.4 | 46.4 | 50.4 | 65.5 | 76.5 | 84.0 | 91.5 | 105.8 | 135.8 | 4.6 | 13.6 | 2.96 |
| 18.0 | 21.6 | 24.7 | 26.7 | 29.3 | 32.8 | 36.9 | 40.4 | 44.4 | 48.5 | 63.5 | 74.5 | 82.1 | 89.6 | 103.8 | 133.9 | 5.2 | 15.4 | 2.96 |
| **0.88** | **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 17.3 | 20.9 | 24.0 | 26.1 | 28.6 | 32.2 | 36.2 | 39.7 | 43.8 | 47.8 | 62.9 | 73.9 | 81.4 | 88.9 | 103.2 | 133.2 | 5.4 | 16.0 | 2.96 |
| 14.3 | 18.0 | 21.2 | 23.3 | 25.9 | 29.4 | 33.5 | 37.1 | 41.1 | 45.2 | 60.3 | 71.3 | 78.8 | 86.4 | 100.6 | 130.7 | 6.2 | 18.4 | 2.97 |
| — | 16.1 | 19.3 | 21.5 | 24.1 | 27.7 | 31.8 | 35.4 | 39.4 | 43.5 | 58.6 | 69.7 | 77.2 | 84.7 | 99.0 | 129.1 | 6.6 | 20.0 | 3.03 |
| 23.1 | 26.7 | 29.7 | 31.7 | 34.2 | 37.8 | 41.8 | 45.3 | 49.3 | 53.3 | 68.3 | 79.3 | 86.9 | 94.4 | 108.6 | 138.6 | 3.6 | 11.0 | 3.06 |
| 14.4 | 18.2 | 21.3 | 23.4 | 26.0 | 29.6 | 33.7 | 37.2 | 41.3 | 45.3 | 60.4 | 71.5 | 79.0 | 86.5 | 100.8 | 130.8 | 6.0 | 18.4 | 3.07 |
| **0.89** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 18.1 | 21.8 | 24.8 | 26.9 | 29.4 | 33.0 | 37.0 | 40.5 | 44.6 | 48.6 | 63.7 | 74.7 | 82.2 | 89.7 | 104.0 | 134.0 | 5.0 | 15.4 | 3.08 |
| 17.4 | 21.1 | 24.1 | 26.2 | 28.7 | 32.3 | 36.3 | 39.9 | 43.9 | 47.9 | 63.0 | 74.1 | 81.6 | 89.1 | 103.4 | 133.4 | 5.2 | 16.0 | 3.08 |
| 20.2 | 23.8 | 26.9 | 28.9 | 31.4 | 35.0 | 39.0 | 42.5 | 46.5 | 50.6 | 65.6 | 76.6 | 84.1 | 91.6 | 105.9 | 135.9 | 4.4 | 13.6 | 3.09 |
| 21.6 | 25.2 | 28.2 | 30.2 | 32.8 | 36.3 | 40.3 | 43.8 | 47.8 | 51.8 | 66.9 | 77.9 | 85.4 | 92.9 | 107.2 | 137.2 | 4.0 | 12.4 | 3.10 |
| — | 16.2 | 19.5 | 21.6 | 24.2 | 27.8 | 31.9 | 35.5 | 39.6 | 43.6 | 58.8 | 69.8 | 77.4 | 84.9 | 99.2 | 129.2 | 6.4 | 20.0 | 3.13 |
| **0.88** | **0.91** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| — | — | — | — | — | 21.8 | 26.1 | 29.8 | 33.9 | 38.0 | 53.3 | 64.4 | 72.0 | 79.5 | 93.8 | 123.9 | 8.0 | 25.0 | 3.13 |
| 14.5 | 18.3 | 21.5 | 23.6 | 26.1 | 29.7 | 33.8 | 37.4 | 41.4 | 45.5 | 60.6 | 71.6 | 79.1 | 86.7 | 100.9 | 131.0 | 5.8 | 18.4 | 3.17 |
| — | — | — | — | — | — | — | 23.7 | 28.1 | 32.3 | 47.8 | 59.1 | 66.7 | 74.2 | 88.6 | 118.8 | 9.4 | 30.0 | 3.19 |
| 17.5 | 21.2 | 24.3 | 26.3 | 28.9 | 32.4 | 36.5 | 40.0 | 44.1 | 48.1 | 63.2 | 74.2 | 81.7 | 89.2 | 103.5 | 133.5 | 5.0 | 16.0 | 3.20 |
| 18.3 | 21.9 | 25.0 | 27.0 | 29.6 | 33.1 | 37.2 | 40.7 | 44.7 | 48.7 | 63.8 | 74.8 | 82.4 | 89.9 | 104.2 | 134.2 | 4.8 | 15.4 | 3.21 |
| **0.84** | **0.88** | **0.91** | **0.93** | **0.95** | **0.97** | **1.00** | **1.01** | **1.04** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| — | 16.4 | 19.6 | 21.7 | 24.3 | 28.0 | 32.1 | 35.7 | 39.7 | 43.8 | 58.9 | 70.0 | 77.5 | 85.0 | 99.3 | 129.4 | 6.2 | 20.0 | 3.23 |
| 23.3 | 26.8 | 29.8 | 31.9 | 34.4 | 37.9 | 41.9 | 45.4 | 49.4 | 53.5 | 68.5 | 79.5 | 87.0 | 94.5 | 108.8 | 138.8 | 3.4 | 11.0 | 3.24 |
| 20.4 | 24.0 | 27.0 | 29.0 | 31.6 | 35.1 | 39.1 | 42.7 | 46.7 | 50.7 | 65.8 | 76.8 | 84.3 | 91.8 | 106.1 | 136.1 | 4.2 | 13.6 | 3.24 |
| 21.8 | 25.3 | 28.4 | 30.4 | 32.9 | 36.4 | 40.4 | 44.0 | 48.0 | 52.0 | 67.0 | 78.1 | 85.6 | 93.1 | 107.3 | 137.4 | 3.8 | 12.4 | 3.26 |
| 14.7 | 18.4 | 21.6 | 23.7 | 26.3 | 29.9 | 33.9 | 37.5 | 41.6 | 45.6 | 60.7 | 71.8 | 79.3 | 86.8 | 101.1 | 131.1 | 5.6 | 18.4 | 3.29 |
| **0.89** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 17.7 | 21.3 | 24.4 | 26.5 | 29.0 | 32.6 | 36.6 | 40.2 | 44.2 | 48.2 | 63.3 | 74.4 | 81.9 | 89.4 | 103.7 | 133.7 | 4.8 | 16.0 | 3.33 |
| — | 16.5 | 19.7 | 21.9 | 24.5 | 28.1 | 32.2 | 35.8 | 39.9 | 43.9 | 59.1 | 70.1 | 77.7 | 85.2 | 99.5 | 129.5 | 6.0 | 20.0 | 3.33 |
| 18.4 | 22.0 | 25.1 | 27.2 | 29.7 | 33.3 | 37.3 | 40.8 | 44.9 | 48.9 | 64.0 | 75.0 | 82.5 | 90.0 | 104.3 | 134.3 | 4.6 | 15.4 | 3.35 |
| — | — | — | — | 18.3 | 22.2 | 26.5 | 30.2 | 34.3 | 38.4 | 53.7 | 64.9 | 72.4 | 80.0 | 94.3 | 124.4 | 7.4 | 25.0 | 3.38 |
| 20.5 | 24.1 | 27.2 | 29.2 | 31.7 | 35.3 | 39.3 | 42.8 | 46.8 | 50.9 | 65.9 | 76.9 | 84.4 | 92.0 | 106.2 | 136.2 | 4.0 | 13.6 | 3.40 |
| **0.87** | **0.90** | **0.93** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.12** | **1.15** | **1.18** | **1.20** | **1.23** | **1.29** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 3.41 | 5.4 | 18.4 | 1027 | 10.17 | 14.51 | 514 | 7.49 | 9.27 | 340 | 5.58 | 6.68 | — | — | — | — | — | — |
| 3.44 | 3.6 | 12.4 | 1016 | 2.79 | 6.20 | 508 | 2.55 | 4.09 | 337 | 2.05 | 3.02 | — | — | — | 10.4 | 13.1 | 17.8 |
| 3.45 | 5.8 | 20.0 | 1015 | 11.48 | 16.10 | 507 | 8.53 | 10.37 | 336 | 6.34 | 7.47 | — | — | — | — | — | — |
| 3.48 | 4.6 | 16.0 | 1006 | 7.17 | 11.05 | 503 | 5.35 | 7.02 | 333 | 4.04 | 5.08 | — | — | — | — | — | 13.5 |
| 3.49 | 8.6 | 30.0 | + | + | + | 502 | 15.10 | 17.52 | 333 | 11.36 | 12.75 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.72** | **0.77** | **0.83** |
| 3.50 | 4.4 | 15.4 | 1000 | 6.35 | 10.12 | 500 | 4.80 | 6.44 | 331 | 3.65 | 4.67 | — | — | — | — | — | 14.3 |
| 3.54 | 5.2 | 18.4 | 989 | 9.47 | 13.68 | 495 | 6.96 | 8.72 | 328 | 5.20 | 6.28 | — | — | — | — | — | — |
| 3.57 | 5.6 | 20.0 | 980 | 10.84 | 15.32 | 490 | 8.01 | 9.83 | 325 | 5.96 | 7.08 | — | — | — | — | — | — |
| 3.57 | 7.0 | 25.0 | 980 | 14.61 | 20.19 | 490 | 11.49 | 13.56 | 325 | 8.55 | 9.78 | — | — | — | — | — | — |
| 3.58 | 3.8 | 13.6 | 978 | 3.72 | 7.21 | 489 | 3.12 | 4.68 | 324 | 2.45 | 3.44 | — | — | — | — | 11.7 | 16.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.74** | **0.82** |
| 3.64 | 4.4 | 16.0 | 962 | 6.35 | 10.12 | 481 | 4.80 | 6.44 | 319 | 3.65 | 4.67 | — | — | — | — | — | 13.6 |
| 3.65 | 3.4 | 12.4 | 960 | 1.84 | 5.17 | 480 | 1.98 | 3.49 | 318 | 1.64 | 2.60 | — | — | — | 10.5 | 13.2 | 17.9 |
| 3.67 | 4.2 | 15.4 | 955 | 5.50 | 9.18 | 477 | 4.25 | 5.86 | 316 | 3.25 | 4.26 | — | — | — | — | — | 14.4 |
| 3.68 | 5.0 | 18.4 | 951 | 8.73 | 12.83 | 476 | 6.43 | 8.15 | 315 | 4.82 | 5.88 | — | — | — | — | — | — |
| 3.68 | 6.8 | 25.0 | 952 | 14.18 | 19.59 | 476 | 11.01 | 13.04 | 316 | 8.19 | 9.40 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.72** | **0.77** | **0.83** |
| 3.70 | 5.4 | 20.0 | 945 | 10.17 | 14.52 | 472 | 7.49 | 9.27 | 313 | 5.59 | 6.68 | — | — | — | — | — | — |
| 3.75 | 8.0 | 30.0 | + | + | + | 467 | 13.80 | 16.08 | 309 | 10.33 | 11.66 | — | — | — | — | — | — |
| 3.78 | 3.6 | 13.6 | 926 | 2.80 | 6.20 | 463 | 2.55 | 4.09 | 307 | 2.05 | 3.02 | — | — | — | — | 11.8 | 16.6 |
| 3.79 | 6.6 | 25.0 | 924 | 13.71 | 18.95 | 462 | 10.53 | 12.52 | 306 | 7.83 | 9.02 | — | — | — | — | — | — |
| 3.81 | 4.2 | 16.0 | 919 | 5.51 | 9.18 | 459 | 4.25 | 5.86 | 304 | 3.25 | 4.26 | — | — | — | — | — | 13.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.74** | **0.82** |
| 3.83 | 4.8 | 18.4 | 913 | 7.97 | 11.95 | 457 | 5.90 | 7.59 | 303 | 4.43 | 5.48 | — | — | — | — | — | — |
| 3.85 | 4.0 | 15.4 | 909 | 4.63 | 8.21 | 455 | 3.69 | 5.28 | 301 | 2.86 | 3.85 | — | — | — | — | — | 14.5 |
| 3.85 | 5.2 | 20.0 | 910 | 9.47 | 13.69 | 455 | 6.97 | 8.72 | 302 | 5.20 | 6.28 | — | — | — | — | — | — |
| 3.91 | 6.4 | 25.0 | 896 | 13.21 | 18.28 | 448 | 10.04 | 11.99 | 297 | 7.46 | 8.64 | — | — | — | — | — | — |
| 4.00 | 3.4 | 13.6 | 875 | 1.85 | 5.17 | 437 | 1.98 | 3.49 | 290 | 1.64 | 2.60 | — | — | — | — | 12.0 | 16.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.74** | **0.82** |
| 4.00 | 4.0 | 16.0 | 875 | 4.63 | 8.21 | 438 | 3.69 | 5.28 | 290 | 2.86 | 3.85 | — | — | — | — | — | 13.9 |
| 4.00 | 4.6 | 18.4 | 875 | 7.18 | 11.05 | 437 | 5.35 | 7.02 | 290 | 4.04 | 5.08 | — | — | — | — | — | — |
| 4.00 | 5.0 | 20.0 | 875 | 8.74 | 12.83 | 438 | 6.44 | 8.16 | 290 | 4.82 | 5.88 | — | — | — | — | — | — |
| 4.03 | 6.2 | 25.0 | 868 | 12.67 | 17.58 | 434 | 9.54 | 11.46 | 288 | 7.09 | 8.25 | — | — | — | — | — | — |
| 4.04 | 9.4 | 38.0 | + | + | + | 433 | 16.75 | 19.37 | 287 | 12.71 | 14.19 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** |
| 4.05 | 3.8 | 15.4 | 864 | 3.73 | 7.22 | 432 | 3.13 | 4.69 | 286 | 2.46 | 3.44 | — | — | — | — | — | 14.7 |
| 4.05 | 7.4 | 30.0 | + | + | + | 432 | 12.43 | 14.58 | 286 | 9.27 | 10.54 | — | — | — | — | — | — |
| 4.17 | 4.8 | 20.0 | 840 | 7.97 | 11.96 | 420 | 5.90 | 7.59 | 278 | 4.43 | 5.48 | — | — | — | — | — | — |
| 4.17 | 6.0 | 25.0 | 840 | 12.10 | 16.86 | 420 | 9.04 | 10.92 | 278 | 6.72 | 7.86 | — | — | — | — | — | — |
| 4.18 | 4.4 | 18.4 | 837 | 6.36 | 10.13 | 418 | 4.81 | 6.44 | 277 | 3.65 | 4.67 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** |
| 4.21 | 3.8 | 16.0 | 831 | 3.73 | 7.22 | 416 | 3.13 | 4.69 | 275 | 2.46 | 3.44 | — | — | — | — | — | 14.0 |
| 4.28 | 3.6 | 15.4 | 818 | 2.80 | 6.21 | 409 | 2.56 | 4.09 | 271 | 2.05 | 3.02 | — | — | — | — | — | 14.8 |
| 4.29 | 7.0 | 30.0 | 817 | 14.62 | 20.20 | 408 | 11.50 | 13.56 | 271 | 8.56 | 9.79 | — | — | — | — | — | — |
| 4.31 | 5.8 | 25.0 | 812 | 11.49 | 16.11 | 406 | 8.53 | 10.38 | 269 | 6.34 | 7.47 | — | — | — | — | — | — |
| 4.35 | 4.6 | 20.0 | 805 | 7.18 | 11.05 | 402 | 5.36 | 7.02 | 267 | 4.04 | 5.08 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** |
| 4.38 | 4.2 | 18.4 | 799 | 5.51 | 9.18 | 399 | 4.25 | 5.86 | 265 | 3.26 | 4.26 | — | — | — | — | — | — |
| 4.41 | 6.8 | 30.0 | 793 | 14.19 | 19.59 | 397 | 11.02 | 13.04 | 263 | 8.19 | 9.41 | — | — | — | — | — | — |
| 4.42 | 8.6 | 38.0 | + | + | + | 396 | 15.10 | 17.52 | 263 | 11.37 | 12.76 | — | — | — | — | — | — |
| 4.44 | 3.6 | 16.0 | 787 | 2.80 | 6.21 | 394 | 2.56 | 4.09 | 261 | 2.05 | 3.02 | — | — | — | — | — | 14.1 |
| 4.46 | 5.6 | 25.0 | 784 | 10.85 | 15.33 | 392 | 8.02 | 9.83 | 260 | 5.97 | 7.08 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** |
| 4.53 | 3.4 | 15.4 | 773 | 1.85 | 5.18 | 386 | 1.98 | 3.49 | 256 | 1.65 | 2.61 | — | — | — | — | — | 14.9 |
| 4.55 | 4.4 | 20.0 | 770 | 6.36 | 10.13 | 385 | 4.81 | 6.44 | 255 | 3.65 | 4.67 | — | — | — | — | — | — |
| 4.55 | 6.6 | 30.0 | 770 | 13.72 | 18.95 | 385 | 10.53 | 12.52 | 255 | 7.83 | 9.02 | — | — | — | — | — | — |
| 4.60 | 4.0 | 18.4 | 761 | 4.64 | 8.21 | 380 | 3.69 | 5.28 | 252 | 2.86 | 3.85 | — | — | — | — | — | — |
| 4.63 | 5.4 | 25.0 | 756 | 10.18 | 14.52 | 378 | 7.50 | 9.28 | 251 | 5.59 | 6.68 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 195 | 210 | 240 | 300 | | | |
| 14.8 | 18.6 | 21.7 | 23.8 | 26.4 | 30.0 | 34.1 | 37.6 | 41.7 | 45.7 | 60.9 | 71.9 | 79.4 | 87.0 | 101.2 | 131.3 | 5.4 | 18.4 | 3.41 |
| 21.9 | 25.5 | 28.5 | 30.5 | 33.0 | 36.6 | 40.6 | 44.1 | 48.1 | 52.1 | 67.2 | 78.2 | 85.7 | 93.2 | 107.5 | 137.5 | 3.6 | 12.4 | 3.44 |
| — | 16.6 | 19.9 | 22.0 | 24.6 | 28.2 | 32.4 | 35.9 | 40.0 | 44.1 | 59.2 | 70.3 | 77.8 | 85.3 | 99.6 | 129.7 | 5.8 | 20.0 | 3.45 |
| 17.8 | 21.5 | 24.6 | 26.6 | 29.2 | 32.7 | 36.8 | 40.3 | 44.4 | 48.4 | 63.5 | 74.5 | 82.0 | 89.5 | 103.8 | 133.8 | 4.6 | 16.0 | 3.48 |
| — | — | — | — | — | — | — | 24.2 | 28.6 | 32.8 | 48.4 | 59.6 | 67.2 | 74.8 | 89.2 | 119.4 | 8.6 | 30.0 | 3.49 |
| **0.88** | **0.91** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.06** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 18.5 | 22.2 | 25.3 | 27.3 | 29.8 | 33.4 | 37.4 | 41.0 | 45.0 | 49.0 | 64.1 | 75.1 | 82.7 | 90.2 | 104.5 | 134.5 | 4.4 | 15.4 | 3.50 |
| 14.9 | 18.7 | 21.9 | 24.0 | 26.5 | 30.1 | 34.2 | 37.8 | 41.8 | 45.9 | 61.0 | 72.1 | 79.6 | 87.1 | 101.4 | 131.4 | 5.2 | 18.4 | 3.54 |
| — | 16.7 | 20.0 | 22.1 | 24.7 | 28.4 | 32.5 | 36.1 | 40.1 | 44.2 | 59.4 | 70.4 | 78.0 | 85.5 | 99.8 | 129.8 | 5.6 | 20.0 | 3.57 |
| — | — | — | — | 18.6 | 22.5 | 26.8 | 30.4 | 34.6 | 38.7 | 54.0 | 65.1 | 72.7 | 80.3 | 94.6 | 124.7 | 7.0 | 25.0 | 3.57 |
| 20.7 | 24.2 | 27.3 | 29.3 | 31.9 | 35.4 | 39.4 | 43.0 | 47.0 | 51.0 | 66.1 | 77.1 | 84.6 | 92.1 | 106.4 | 136.4 | 3.8 | 13.6 | 3.58 |
| **0.87** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.12** | **1.15** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| 17.9 | 21.6 | 24.7 | 26.7 | 29.3 | 32.9 | 36.9 | 40.5 | 44.5 | 48.5 | 63.6 | 74.7 | 82.2 | 89.7 | 104.0 | 134.0 | 4.4 | 16.0 | 3.64 |
| 22.0 | 25.6 | 28.6 | 30.7 | 33.2 | 36.7 | 40.7 | 44.3 | 48.3 | 52.3 | 67.3 | 78.4 | 85.9 | 93.4 | 107.5 | 137.7 | 3.4 | 12.4 | 3.65 |
| 18.7 | 22.3 | 25.4 | 27.4 | 30.0 | 33.5 | 37.6 | 41.1 | 45.2 | 49.2 | 64.3 | 75.3 | 82.8 | 90.3 | 104.6 | 134.6 | 4.2 | 15.4 | 3.67 |
| 15.0 | 18.8 | 22.0 | 24.1 | 26.7 | 30.3 | 34.4 | 37.9 | 42.0 | 46.0 | 61.2 | 72.2 | 79.7 | 87.3 | 101.6 | 131.6 | 5.0 | 18.4 | 3.68 |
| — | — | — | — | 18.7 | 22.6 | 26.9 | 30.6 | 34.7 | 38.9 | 54.2 | 65.3 | 72.9 | 80.4 | 94.7 | 124.8 | 6.8 | 25.0 | 3.68 |
| **0.88** | **0.91** | **0.93** | **0.95** | **0.96** | **0.98** | **1.01** | **1.03** | **1.04** | **1.06** | **1.12** | **1.16** | **1.18** | **1.20** | **1.23** | **1.29** | | | |
| — | 16.9 | 20.1 | 22.3 | 24.9 | 28.5 | 32.6 | 36.2 | 40.3 | 44.4 | 59.5 | 70.6 | 78.1 | 85.6 | 99.9 | 130.0 | 5.4 | 20.0 | 3.70 |
| — | — | — | — | — | — | — | 24.6 | 29.0 | 33.2 | 48.8 | 60.0 | 67.7 | 75.3 | 89.6 | 119.8 | 8.0 | 30.0 | 3.75 |
| 20.8 | 24.4 | 27.4 | 29.5 | 32.0 | 35.5 | 39.6 | 43.1 | 47.1 | 51.1 | 66.2 | 77.2 | 84.7 | 92.3 | 106.5 | 136.5 | 3.6 | 13.6 | 3.78 |
| — | — | — | — | 18.8 | 22.7 | 27.0 | 30.7 | 34.9 | 39.0 | 54.3 | 65.4 | 73.0 | 80.6 | 94.9 | 125.0 | 6.6 | 25.0 | 3.79 |
| 18.1 | 21.7 | 24.8 | 26.9 | 29.4 | 33.0 | 37.1 | 40.6 | 44.6 | 48.7 | 63.8 | 74.8 | 82.3 | 89.8 | 104.1 | 134.2 | 4.2 | 16.0 | 3.81 |
| **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.12** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| 15.2 | 19.0 | 22.1 | 24.2 | 26.8 | 30.4 | 34.5 | 38.1 | 42.1 | 46.2 | 61.3 | 72.4 | 79.9 | 87.4 | 101.7 | 131.8 | 4.8 | 18.4 | 3.83 |
| 18.8 | 22.4 | 25.5 | 27.6 | 30.1 | 33.7 | 37.7 | 41.3 | 45.3 | 49.3 | 64.4 | 75.4 | 83.0 | 90.5 | 104.8 | 134.8 | 4.0 | 15.4 | 3.85 |
| — | 17.0 | 20.3 | 22.4 | 25.0 | 28.7 | 32.8 | 36.4 | 40.4 | 44.5 | 59.6 | 70.7 | 78.3 | 85.8 | 100.1 | 130.1 | 5.2 | 20.0 | 3.85 |
| — | — | — | — | 19.0 | 22.8 | 27.1 | 30.8 | 35.0 | 39.1 | 54.4 | 65.6 | 73.1 | 80.7 | 95.0 | 125.1 | 6.4 | 25.0 | 3.91 |
| 20.9 | 24.5 | 27.6 | 29.6 | 32.1 | 35.7 | 39.7 | 43.2 | 47.3 | 51.3 | 66.4 | 77.4 | 84.9 | 92.4 | 106.7 | 136.7 | 3.4 | 13.6 | 4.00 |
| **0.86** | **0.90** | **0.92** | **0.94** | **0.96** | **0.98** | **1.00** | **1.02** | **1.04** | **1.06** | **1.12** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| 18.2 | 21.9 | 25.0 | 27.0 | 29.6 | 33.1 | 37.2 | 40.8 | 44.8 | 48.8 | 63.9 | 75.0 | 82.5 | 90.0 | 104.3 | 134.3 | 4.0 | 16.0 | 4.00 |
| 15.3 | 19.1 | 22.3 | 24.4 | 27.0 | 30.6 | 34.6 | 38.2 | 42.3 | 46.3 | 61.4 | 72.5 | 80.0 | 87.6 | 101.9 | 131.9 | 4.6 | 18.4 | 4.00 |
| — | 17.1 | 20.4 | 22.5 | 25.1 | 28.8 | 32.9 | 36.5 | 40.6 | 44.6 | 59.8 | 70.9 | 78.4 | 85.9 | 100.2 | 130.3 | 5.0 | 20.0 | 4.00 |
| — | — | — | — | 19.1 | 23.0 | 27.3 | 31.0 | 35.1 | 39.3 | 54.6 | 65.7 | 73.3 | 80.8 | 95.2 | 125.3 | 6.2 | 25.0 | 4.03 |
| — | — | — | — | — | — | — | — | — | — | 40.1 | 51.7 | 59.5 | 67.1 | 81.7 | 112.0 | 9.4 | 38.0 | 4.04 |
| **0.84** | **0.88** | **0.91** | **0.92** | **0.94** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| 18.9 | 22.6 | 25.7 | 27.7 | 30.3 | 33.8 | 37.9 | 41.4 | 45.5 | 49.5 | 64.6 | 75.6 | 83.1 | 90.6 | 104.9 | 134.9 | 3.8 | 15.4 | 4.05 |
| — | — | — | — | — | — | 21.0 | 25.0 | 29.4 | 33.6 | 49.2 | 60.5 | 68.1 | 75.7 | 90.1 | 120.2 | 7.4 | 30.0 | 4.05 |
| — | 17.2 | 20.5 | 22.6 | 25.3 | 28.9 | 33.0 | 36.6 | 40.7 | 44.8 | 59.9 | 71.0 | 78.6 | 86.1 | 100.4 | 130.5 | 4.8 | 20.0 | 4.17 |
| — | — | — | — | 19.2 | 23.1 | 27.4 | 31.1 | 35.3 | 39.4 | 54.7 | 65.9 | 73.4 | 81.0 | 95.3 | 125.4 | 6.0 | 25.0 | 4.17 |
| 15.4 | 19.2 | 22.4 | 24.5 | 27.1 | 30.7 | 34.8 | 38.4 | 42.4 | 46.5 | 61.6 | 72.7 | 80.2 | 87.7 | 102.0 | 132.1 | 4.4 | 18.4 | 4.18 |
| **0.84** | **0.88** | **0.91** | **0.93** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| 18.3 | 22.0 | 25.1 | 27.2 | 29.7 | 33.3 | 37.4 | 40.9 | 44.9 | 49.0 | 64.1 | 75.1 | 82.6 | 90.1 | 104.4 | 134.5 | 3.8 | 16.0 | 4.21 |
| 19.1 | 22.7 | 25.8 | 27.9 | 30.4 | 34.0 | 38.0 | 41.6 | 45.6 | 49.6 | 64.7 | 75.7 | 83.3 | 90.8 | 105.1 | 135.1 | 3.6 | 15.4 | 4.28 |
| — | — | — | — | — | — | 21.2 | 25.2 | 29.6 | 33.9 | 49.5 | 60.8 | 68.4 | 76.0 | 90.4 | 120.5 | 7.0 | 30.0 | 4.29 |
| — | — | — | — | 19.3 | 23.2 | 27.5 | 31.2 | 35.4 | 39.5 | 54.9 | 66.0 | 73.6 | 81.1 | 95.5 | 125.6 | 5.8 | 25.0 | 4.31 |
| — | 17.4 | 20.6 | 22.8 | 25.4 | 29.1 | 33.2 | 36.8 | 40.9 | 44.9 | 60.1 | 71.2 | 78.7 | 86.2 | 100.5 | 130.6 | 4.6 | 20.0 | 4.35 |
| **0.84** | **0.88** | **0.91** | **0.93** | **0.94** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |
| 15.5 | 19.3 | 22.5 | 24.6 | 27.2 | 30.8 | 34.9 | 38.5 | 42.6 | 46.6 | 61.7 | 72.8 | 80.3 | 87.9 | 102.2 | 132.2 | 4.2 | 18.4 | 4.38 |
| — | — | — | — | — | — | 21.3 | 25.3 | 29.7 | 34.0 | 49.6 | 60.9 | 68.5 | 76.1 | 90.5 | 120.7 | 6.8 | 30.0 | 4.41 |
| — | — | — | — | — | — | — | — | — | — | 40.6 | 52.2 | 60.0 | 67.7 | 82.2 | 112.6 | 8.6 | 38.0 | 4.42 |
| 18.5 | 22.1 | 25.2 | 27.3 | 29.9 | 33.4 | 37.5 | 41.0 | 45.1 | 49.1 | 64.2 | 75.3 | 82.8 | 90.3 | 104.6 | 134.6 | 3.6 | 16.0 | 4.44 |
| — | — | — | — | 19.4 | 23.4 | 27.7 | 31.4 | 35.5 | 39.7 | 55.0 | 66.2 | 73.7 | 81.3 | 95.6 | 125.7 | 5.6 | 25.0 | 4.46 |
| **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.22** | **1.28** | | | |
| 19.2 | 22.8 | 25.9 | 28.0 | 30.5 | 34.1 | 38.2 | 41.7 | 45.7 | 49.8 | 64.9 | 75.9 | 83.4 | 90.9 | 105.2 | 135.3 | 3.4 | 15.4 | 4.53 |
| — | 17.5 | 20.8 | 22.9 | 25.5 | 29.2 | 33.3 | 36.9 | 41.0 | 45.1 | 60.2 | 71.3 | 78.9 | 86.4 | 100.7 | 130.8 | 4.4 | 20.0 | 4.55 |
| — | — | — | — | — | — | 21.5 | 25.5 | 29.9 | 34.2 | 49.8 | 61.0 | 68.7 | 76.3 | 90.6 | 120.8 | 6.6 | 30.0 | 4.55 |
| 15.7 | 19.5 | 22.7 | 24.8 | 27.4 | 31.0 | 35.1 | 38.6 | 42.7 | 46.8 | 61.9 | 73.0 | 80.5 | 88.0 | 102.3 | 132.4 | 4.0 | 18.4 | 4.60 |
| — | — | — | — | 19.6 | 23.5 | 27.8 | 31.5 | 35.7 | 39.8 | 55.2 | 66.3 | 73.9 | 81.4 | 95.8 | 125.9 | 5.4 | 25.0 | 4.63 |
| **0.84** | **0.88** | **0.91** | **0.92** | **0.94** | **0.97** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.23** | **1.29** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 4.69 | 6.4 | 30.0 | 747 | 13.22 | 18.28 | 373 | 10.04 | 11.99 | 247 | 7.46 | 8.64 | — | — | — | — | — | — |
| 4.71 | 3.4 | 16.0 | 744 | 1.85 | 5.18 | 372 | 1.98 | 3.49 | 246 | 1.65 | 2.61 | — | — | — | — | — | 14.3 |
| 4.75 | 8.0 | 38.0 | + | + | + | 368 | 13.80 | 16.08 | 244 | 10.33 | 11.66 | — | — | — | — | — | — |
| 4.76 | 4.2 | 20.0 | 735 | 5.51 | 9.18 | 367 | 4.25 | 5.86 | 244 | 3.26 | 4.26 | — | — | — | — | — | — |
| 4.81 | 5.2 | 25.0 | 728 | 9.48 | 13.69 | 364 | 6.97 | 8.72 | 241 | 5.21 | 6.29 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.77 |
| 4.84 | 3.8 | 18.4 | 723 | 3.73 | 7.22 | 361 | 3.13 | 4.69 | 240 | 2.46 | 3.44 | — | — | — | — | — | — |
| 4.84 | 6.2 | 30.0 | 723 | 12.68 | 17.59 | 362 | 9.54 | 11.46 | 240 | 7.09 | 8.25 | — | — | — | — | — | — |
| 5.00 | 4.0 | 20.0 | 700 | 4.64 | 8.21 | 350 | 3.70 | 5.28 | 232 | 2.86 | 3.85 | — | — | — | — | — | — |
| 5.00 | 5.0 | 25.0 | 700 | 8.74 | 12.84 | 350 | 6.44 | 8.16 | 232 | 4.82 | 5.89 | — | — | — | — | — | — |
| 5.00 | 6.0 | 30.0 | 700 | 12.11 | 16.86 | 350 | 9.04 | 10.92 | 232 | 6.72 | 7.86 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.11 | 3.6 | 18.4 | 685 | 2.81 | 6.21 | 342 | 2.56 | 4.09 | 227 | 2.05 | 3.02 | — | — | — | — | — | — |
| 5.14 | 7.4 | 38.0 | + | + | + | 341 | 12.44 | 14.58 | 226 | 9.27 | 10.54 | — | — | — | — | — | — |
| 5.17 | 5.8 | 30.0 | 677 | 11.50 | 16.11 | 338 | 8.53 | 10.38 | 224 | 6.35 | 7.47 | — | — | — | — | — | — |
| 5.21 | 4.8 | 25.0 | 672 | 7.98 | 11.96 | 336 | 5.90 | 7.59 | 223 | 4.43 | 5.48 | — | — | — | — | — | — |
| 5.26 | 3.8 | 20.0 | 665 | 3.74 | 7.22 | 332 | 3.13 | 4.69 | 220 | 2.46 | 3.44 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.36 | 5.6 | 30.0 | 653 | 10.86 | 15.33 | 327 | 8.02 | 9.83 | 217 | 5.97 | 7.08 | — | — | — | — | — | — |
| 5.41 | 3.4 | 18.4 | 647 | 1.86 | 5.18 | 323 | 1.98 | 3.49 | 214 | 1.65 | 2.61 | — | — | — | — | — | — |
| 5.43 | 4.6 | 25.0 | 644 | 7.19 | 11.06 | 322 | 5.36 | 7.02 | 213 | 4.04 | 5.08 | — | — | — | — | — | — |
| 5.43 | 7.0 | 38.0 | 645 | 14.62 | 20.21 | 322 | 11.50 | 13.56 | 214 | 8.56 | 9.79 | — | — | — | — | — | — |
| 5.56 | 3.6 | 20.0 | 630 | 2.81 | 6.21 | 315 | 2.56 | 4.09 | 209 | 2.05 | 3.03 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.56 | 5.4 | 30.0 | 630 | 10.18 | 14.53 | 315 | 7.50 | 9.28 | 209 | 5.59 | 6.68 | — | — | — | — | — | — |
| 5.59 | 6.8 | 38.0 | 626 | 14.19 | 19.60 | 313 | 11.02 | 13.05 | 208 | 8.19 | 9.41 | — | — | — | — | — | — |
| 5.68 | 4.4 | 25.0 | 616 | 6.37 | 10.13 | 308 | 4.81 | 6.45 | 204 | 3.65 | 4.67 | — | — | — | — | — | — |
| 5.76 | 6.6 | 38.0 | 608 | 13.73 | 18.96 | 304 | 10.53 | 12.52 | 201 | 7.83 | 9.02 | — | — | — | — | — | — |
| 5.77 | 5.2 | 30.0 | 607 | 9.48 | 13.70 | 303 | 6.97 | 8.72 | 201 | 5.21 | 6.29 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.88 | 3.4 | 20.0 | 595 | 1.86 | 5.18 | 297 | 1.98 | 3.49 | 197 | 1.65 | 2.61 | — | — | — | — | — | — |
| 5.94 | 6.4 | 38.0 | 589 | 13.22 | 18.29 | 295 | 10.04 | 11.99 | 195 | 7.46 | 8.64 | — | — | — | — | — | — |
| 5.95 | 4.2 | 25.0 | 588 | 5.52 | 9.19 | 294 | 4.26 | 5.87 | 195 | 3.26 | 4.27 | — | — | — | — | — | — |
| 6.00 | 5.0 | 30.0 | 583 | 8.75 | 12.84 | 292 | 6.44 | 8.16 | 193 | 4.82 | 5.89 | — | — | — | — | — | — |
| 6.13 | 6.2 | 38.0 | 571 | 12.68 | 17.59 | 286 | 9.55 | 11.46 | 189 | 7.09 | 8.25 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.25 | 4.0 | 25.0 | 560 | 4.64 | 8.22 | 280 | 3.70 | 5.28 | 186 | 2.86 | 3.86 | — | — | — | — | — | — |
| 6.25 | 4.8 | 30.0 | 560 | 7.98 | 11.96 | 280 | 5.90 | 7.59 | 186 | 4.44 | 5.49 | — | — | — | — | — | — |
| 6.33 | 6.0 | 38.0 | 553 | 12.11 | 16.87 | 276 | 9.04 | 10.92 | 183 | 6.72 | 7.86 | — | — | — | — | — | — |
| 6.52 | 4.6 | 30.0 | 537 | 7.19 | 11.06 | 268 | 5.36 | 7.02 | 178 | 4.05 | 5.08 | — | — | — | — | — | — |
| 6.55 | 5.8 | 38.0 | 534 | 11.50 | 16.11 | 267 | 8.53 | 10.38 | 177 | 6.35 | 7.47 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.58 | 3.8 | 25.0 | 532 | 3.74 | 7.23 | 266 | 3.13 | 4.69 | 176 | 2.46 | 3.44 | — | — | — | — | — | — |
| 6.79 | 5.6 | 38.0 | 516 | 10.86 | 15.33 | 258 | 8.02 | 9.83 | 171 | 5.97 | 7.08 | — | — | — | — | — | — |
| 6.82 | 4.4 | 30.0 | 513 | 6.37 | 10.14 | 257 | 4.81 | 6.45 | 170 | 3.65 | 4.68 | — | — | — | — | — | — |
| 6.94 | 3.6 | 25.0 | 504 | 2.81 | 6.22 | 252 | 2.56 | 4.10 | 167 | 2.05 | 3.03 | — | — | — | — | — | — |
| 7.04 | 5.4 | 38.0 | 497 | 10.19 | 14.53 | 249 | 7.50 | 9.28 | 165 | 5.59 | 6.68 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.14 | 4.2 | 30.0 | 490 | 5.52 | 9.19 | 245 | 4.26 | 5.87 | 162 | 3.26 | 4.27 | — | — | — | — | — | — |
| 7.31 | 5.2 | 38.0 | 479 | 9.48 | 13.70 | 239 | 6.97 | 8.72 | 159 | 5.21 | 6.29 | — | — | — | — | — | — |
| 7.35 | 3.4 | 25.0 | 476 | 1.86 | 5.18 | 238 | 1.98 | 3.50 | 158 | 1.65 | 2.61 | — | — | — | — | — | — |
| 7.50 | 4.0 | 30.0 | 467 | 4.64 | 8.22 | 233 | 3.70 | 5.28 | 155 | 2.86 | 3.86 | — | — | — | — | — | — |
| 7.60 | 5.0 | 38.0 | 461 | 8.75 | 12.84 | 230 | 6.44 | 8.16 | 153 | 4.82 | 5.89 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.89 | 3.8 | 30.0 | 443 | 3.74 | 7.23 | 222 | 3.13 | 4.69 | 147 | 2.46 | 3.44 | — | — | — | — | — | — |
| 7.92 | 4.8 | 38.0 | 442 | 7.98 | 11.97 | 221 | 5.90 | 7.59 | 147 | 4.44 | 5.49 | — | — | — | — | — | — |
| 8.26 | 4.6 | 38.0 | 424 | 7.19 | 11.06 | 212 | 5.36 | 7.02 | 140 | 4.05 | 5.08 | — | — | — | — | — | — |
| 8.33 | 3.6 | 30.0 | 420 | 2.81 | 6.22 | 210 | 2.56 | 4.10 | 139 | 2.06 | 3.03 | — | — | — | — | — | — |
| 8.64 | 4.4 | 38.0 | 405 | 6.37 | 10.14 | 203 | 4.81 | 6.45 | 134 | 3.65 | 4.68 | — | — | — | — | — | — |
| | FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia B

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 195 | 210 | 240 | 300 | | | |
| — | — | — | — | — | — | 21.6 | 25.6 | 30.0 | 34.3 | 49.9 | 61.2 | 68.8 | 76.4 | 90.8 | 121.0 | 6.4 | 30.0 | 4.69 |
| 18.6 | 22.3 | 25.4 | 27.4 | 30.0 | 33.6 | 37.6 | 41.2 | 45.2 | 49.3 | 64.4 | 75.4 | 82.9 | 90.4 | 104.7 | 134.8 | 3.4 | 16.0 | 4.71 |
| — | — | — | — | — | — | — | — | — | — | 41.0 | 52.6 | 60.4 | 68.1 | 82.7 | 113.0 | 8.0 | 38.0 | 4.75 |
| — | 17.6 | 20.9 | 23.0 | 25.7 | 29.3 | 33.5 | 37.1 | 41.1 | 45.2 | 60.4 | 71.5 | 79.0 | 86.5 | 100.8 | 130.9 | 4.2 | 20.0 | 4.76 |
| — | — | — | — | 19.7 | 23.6 | 27.9 | 31.6 | 35.8 | 40.0 | 55.3 | 66.4 | 74.0 | 81.6 | 95.9 | 126.0 | 5.2 | 25.0 | 4.81 |
| **0.83** | **0.87** | **0.90** | **0.92** | **0.94** | **0.96** | **0.99** | **1.01** | **1.03** | **1.05** | **1.11** | **1.15** | **1.17** | **1.19** | **1.22** | **1.28** | | | |
| 15.8 | 19.6 | 22.8 | 24.9 | 27.5 | 31.1 | 35.2 | 38.8 | 42.8 | 46.9 | 62.0 | 73.1 | 80.6 | 88.2 | 102.5 | 132.5 | 3.8 | 18.4 | 4.84 |
| — | — | — | — | — | — | 21.7 | 25.7 | 30.1 | 34.4 | 50.1 | 61.3 | 68.9 | 76.5 | 90.9 | 121.1 | 6.2 | 30.0 | 4.84 |
| — | 17.7 | 21.0 | 23.2 | 25.8 | 29.5 | 33.6 | 37.2 | 41.3 | 45.3 | 60.5 | 71.6 | 79.1 | 86.7 | 101.0 | 131.1 | 4.0 | 20.0 | 5.00 |
| — | — | — | — | 19.8 | 23.7 | 28.1 | 31.8 | 35.9 | 40.1 | 55.4 | 66.6 | 74.2 | 81.7 | 96.1 | 126.2 | 5.0 | 25.0 | 5.00 |
| — | — | — | — | — | — | 21.8 | 25.8 | 30.2 | 34.5 | 50.2 | 61.5 | 69.1 | 76.7 | 91.1 | 121.3 | 6.0 | 30.0 | 5.00 |
| **0.78** | **0.84** | **0.88** | **0.90** | **0.92** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.10** | **1.14** | **1.16** | **1.19** | **1.22** | **1.28** | | | |
| 15.9 | 19.7 | 22.9 | 25.0 | 27.6 | 31.2 | 35.3 | 38.9 | 43.0 | 47.0 | 62.2 | 73.2 | 80.8 | 88.3 | 102.6 | 132.7 | 3.6 | 18.4 | 5.11 |
| — | — | — | — | — | — | — | — | — | — | 41.4 | 53.0 | 60.8 | 68.5 | 83.1 | 113.5 | 7.4 | 38.0 | 5.14 |
| — | — | — | — | — | — | 21.9 | 26.0 | 30.4 | 34.7 | 50.3 | 61.6 | 69.2 | 76.8 | 91.2 | 121.4 | 5.8 | 30.0 | 5.17 |
| — | — | — | 17.0 | 19.9 | 23.9 | 28.2 | 31.9 | 36.1 | 40.2 | 55.6 | 66.7 | 74.3 | 81.9 | 96.2 | 126.3 | 4.8 | 25.0 | 5.21 |
| — | 17.9 | 21.2 | 23.3 | 25.9 | 29.6 | 33.7 | 37.3 | 41.4 | 45.5 | 60.7 | 71.8 | 79.3 | 86.8 | 101.1 | 131.2 | 3.8 | 20.0 | 5.26 |
| **0.78** | **0.84** | **0.88** | **0.90** | **0.92** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.10** | **1.14** | **1.16** | **1.18** | **1.22** | **1.28** | | | |
| — | — | — | — | — | — | 22.1 | 26.1 | 30.5 | 34.8 | 50.5 | 61.7 | 69.4 | 77.0 | 91.4 | 121.6 | 5.6 | 30.0 | 5.36 |
| 16.0 | 19.9 | 23.1 | 25.2 | 27.8 | 31.4 | 35.5 | 39.1 | 43.1 | 47.2 | 62.3 | 73.4 | 80.9 | 88.5 | 102.8 | 132.8 | 3.4 | 18.4 | 5.41 |
| — | — | — | 17.1 | 20.1 | 24.0 | 28.3 | 32.0 | 36.2 | 40.4 | 55.7 | 66.9 | 74.5 | 82.0 | 96.4 | 126.5 | 4.6 | 25.0 | 5.43 |
| — | — | — | — | — | — | — | — | — | — | 41.7 | 53.3 | 61.1 | 68.8 | 83.4 | 113.8 | 7.0 | 38.0 | 5.43 |
| 14.0 | 18.0 | 21.3 | 23.4 | 26.1 | 29.7 | 33.9 | 37.5 | 41.6 | 45.6 | 60.8 | 71.9 | 79.4 | 87.0 | 101.3 | 131.4 | 3.6 | 20.0 | 5.56 |
| **0.78** | **0.84** | **0.88** | **0.90** | **0.92** | **0.95** | **0.98** | **1.00** | **1.02** | **1.04** | **1.10** | **1.14** | **1.16** | **1.18** | **1.22** | **1.28** | | | |
| — | — | — | — | — | — | 22.2 | 26.2 | 30.6 | 34.9 | 50.6 | 61.9 | 69.5 | 77.1 | 91.5 | 121.7 | 5.4 | 30.0 | 5.56 |
| — | — | — | — | — | — | — | — | — | 24.8 | 41.8 | 53.4 | 61.2 | 68.9 | 83.5 | 113.9 | 6.8 | 38.0 | 5.59 |
| — | — | — | 17.2 | 20.2 | 24.1 | 28.4 | 32.2 | 36.3 | 40.5 | 55.9 | 67.0 | 74.6 | 82.2 | 96.5 | 126.6 | 4.4 | 25.0 | 5.68 |
| — | — | — | — | — | — | — | — | — | 24.9 | 41.9 | 53.6 | 61.4 | 69.1 | 83.6 | 114.0 | 6.6 | 38.0 | 5.76 |
| — | — | — | — | — | — | 22.3 | 26.3 | 30.8 | 35.1 | 50.7 | 62.0 | 69.7 | 77.3 | 91.7 | 121.9 | 5.2 | 30.0 | 5.77 |
| **0.0** | **0.0** | **0.0** | **0.76** | **0.82** | **0.87** | **0.92** | **0.95** | **0.98** | **1.01** | **1.08** | **1.12** | **1.15** | **1.17** | **1.21** | **1.27** | | | |
| 14.1 | 18.1 | 21.4 | 23.6 | 26.2 | 29.9 | 34.0 | 37.6 | 41.7 | 45.8 | 61.0 | 72.0 | 79.6 | 87.1 | 101.4 | 131.5 | 3.4 | 20.0 | 5.88 |
| — | — | — | — | — | — | — | — | — | 25.0 | 42.1 | 53.7 | 61.5 | 69.2 | 83.8 | 114.2 | 6.4 | 38.0 | 5.94 |
| — | — | — | 17.3 | 20.3 | 24.2 | 28.6 | 32.3 | 36.5 | 40.6 | 56.0 | 67.2 | 74.7 | 82.3 | 96.7 | 126.8 | 4.2 | 25.0 | 5.95 |
| — | — | — | — | — | — | 22.4 | 26.5 | 30.9 | 35.2 | 50.9 | 62.2 | 69.8 | 77.4 | 91.8 | 122.0 | 5.0 | 30.0 | 6.00 |
| — | — | — | — | — | — | — | — | — | 25.2 | 42.2 | 53.8 | 61.6 | 69.4 | 83.9 | 114.3 | 6.2 | 38.0 | 6.13 |
| **0.72** | **0.80** | **0.85** | **0.88** | **0.90** | **0.93** | **0.96** | **0.99** | **1.01** | **1.03** | **1.10** | **1.14** | **1.16** | **1.18** | **1.22** | **1.28** | | | |
| — | — | — | 17.5 | 20.4 | 24.4 | 28.7 | 32.4 | 36.6 | 40.8 | 56.1 | 67.3 | 74.9 | 82.5 | 96.8 | 126.9 | 4.0 | 25.0 | 6.25 |
| — | — | — | — | — | — | 22.5 | 26.6 | 31.0 | 35.3 | 51.0 | 62.3 | 69.9 | 77.5 | 92.0 | 122.2 | 4.8 | 30.0 | 6.25 |
| — | — | — | — | — | — | — | — | — | 25.3 | 42.3 | 54.0 | 61.8 | 69.5 | 84.1 | 114.5 | 6.0 | 38.0 | 6.33 |
| — | — | — | — | — | — | 22.7 | 26.7 | 31.1 | 35.5 | 51.1 | 62.4 | 70.1 | 77.7 | 92.1 | 122.3 | 4.6 | 30.0 | 6.52 |
| — | — | — | — | — | — | — | — | — | 25.4 | 42.4 | 54.1 | 61.9 | 69.6 | 84.2 | 114.6 | 5.8 | 38.0 | 6.55 |
| **0.0** | **0.0** | **0.0** | **0.76** | **0.82** | **0.87** | **0.92** | **0.95** | **0.98** | **1.00** | **1.08** | **1.12** | **1.15** | **1.17** | **1.21** | **1.27** | | | |
| — | — | — | 17.6 | 20.5 | 24.5 | 28.8 | 32.6 | 36.8 | 40.9 | 56.3 | 67.4 | 75.0 | 82.6 | 97.0 | 127.1 | 3.8 | 25.0 | 6.58 |
| — | — | — | — | — | — | — | — | — | 25.5 | 42.6 | 54.2 | 62.0 | 69.8 | 84.4 | 114.8 | 5.6 | 38.0 | 6.79 |
| — | — | — | — | — | — | 22.8 | 26.8 | 31.3 | 35.6 | 51.3 | 62.6 | 70.2 | 77.8 | 92.2 | 122.5 | 4.4 | 30.0 | 6.82 |
| — | — | — | 17.7 | 20.7 | 24.6 | 29.0 | 32.7 | 36.9 | 41.0 | 56.4 | 67.6 | 75.2 | 82.7 | 97.1 | 127.2 | 3.6 | 25.0 | 6.94 |
| — | — | — | — | — | — | — | — | — | 25.6 | 42.7 | 54.4 | 62.2 | 69.9 | 84.5 | 114.9 | 5.4 | 38.0 | 7.04 |
| **0.0** | **0.0** | **0.0** | **0.75** | **0.81** | **0.87** | **0.92** | **0.95** | **0.98** | **1.00** | **1.08** | **1.12** | **1.15** | **1.17** | **1.21** | **1.27** | | | |
| — | — | — | — | — | — | 22.9 | 27.0 | 31.4 | 35.7 | 51.4 | 62.7 | 70.4 | 78.0 | 92.4 | 122.6 | 4.2 | 30.0 | 7.14 |
| — | — | — | — | — | — | — | — | — | 25.7 | 42.8 | 54.5 | 62.3 | 70.1 | 84.6 | 115.1 | 5.2 | 38.0 | 7.31 |
| — | — | — | 17.8 | 20.8 | 24.7 | 29.1 | 32.8 | 37.0 | 41.2 | 56.6 | 67.7 | 75.3 | 82.9 | 97.2 | 127.4 | 3.4 | 25.0 | 7.35 |
| — | — | — | — | — | — | 23.0 | 27.1 | 31.5 | 35.8 | 51.6 | 62.9 | 70.5 | 78.1 | 92.5 | 122.8 | 4.0 | 30.0 | 7.50 |
| — | — | — | — | — | — | — | — | — | 25.9 | 43.0 | 54.6 | 62.4 | 70.2 | 84.8 | 115.2 | 5.0 | 38.0 | 7.60 |
| **0.0** | **0.0** | **0.0** | **0.75** | **0.81** | **0.87** | **0.91** | **0.95** | **0.98** | **1.00** | **1.08** | **1.12** | **1.15** | **1.17** | **1.21** | **1.27** | | | |
| — | — | — | — | — | — | 23.1 | 27.2 | 31.6 | 36.0 | 51.7 | 63.0 | 70.6 | 78.3 | 92.7 | 122.9 | 3.8 | 30.0 | 7.89 |
| — | — | — | — | — | — | — | — | — | 26.0 | 43.1 | 54.8 | 62.6 | 70.3 | 84.9 | 115.3 | 4.8 | 38.0 | 7.92 |
| — | — | — | — | — | — | — | — | — | 26.1 | 43.2 | 54.9 | 62.7 | 70.5 | 85.1 | 115.5 | 4.6 | 38.0 | 8.26 |
| — | — | — | — | — | — | 23.3 | 27.3 | 31.8 | 36.1 | 51.8 | 63.1 | 70.8 | 78.4 | 92.8 | 123.1 | 3.6 | 30.0 | 8.33 |
| — | — | — | — | — | — | — | — | — | 26.6 | 43.3 | 55.0 | 62.9 | 70.6 | 85.2 | 115.6 | 4.4 | 38.0 | 8.64 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** | **0.88** | **0.92** | **0.96** | **1.06** | **1.10** | **1.13** | **1.16** | **1.20** | **1.26** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# B Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3500 RPM Motriz | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | Designación de Largo de Banda B/BX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | Impuls. RPM | HP por Banda B | HP por Banda BX | 35 | 38 | 42 | 46 | 51 | 60 |
| 8.82 | 3.4 | 30.0 | 397 | 1.86 | 5.19 | 198 | 1.98 | 3.50 | 131 | 1.65 | 2.61 | — | — | — | — | — | — |
| 9.05 | 4.2 | 38.0 | 387 | 5.52 | 9.19 | 193 | 4.26 | 5.87 | 128 | 3.26 | 4.27 | — | — | — | — | — | — |
| 9.50 | 4.0 | 38.0 | 368 | 4.64 | 8.22 | 184 | 3.70 | 5.28 | 122 | 2.86 | 3.89 | — | — | — | — | — | — |
| 10.00 | 3.8 | 38.0 | 350 | 3.74 | 7.23 | 175 | 3.13 | 4.69 | 116 | 2.46 | 3.44 | — | — | — | — | — | — |
| 10.56 | 3.6 | 38.0 | 332 | 2.82 | 6.22 | 166 | 2.56 | 4.10 | 110 | 2.06 | 3.03 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 11.18 | 3.4 | 38.0 | 313 | 1.86 | 5.19 | 157 | 1.99 | 3.50 | 104 | 1.65 | 2.61 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |

B = BANDA-V ESTÁNDAR
BX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda B/BX | | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 68 | 75 | 81 | 85 | 90 | 97 | 105 | 112 | 120 | 128 | 158 | 180 | 195 | 210 | 240 | 300 | | | |
| — | — | — | — | — | — | 23.4 | 27.4 | 31.9 | 36.2 | 52.0 | 63.3 | 70.9 | 78.5 | 93.0 | 123.2 | 3.4 | 30.0 | 8.82 |
| — | — | — | — | — | — | — | — | — | 26.3 | 43.5 | 55.2 | 63.0 | 70.7 | 85.3 | 115.8 | 4.2 | 38.0 | 9.05 |
| — | — | — | — | — | — | — | — | — | 26.5 | 43.6 | 55.3 | 63.1 | 70.9 | 85.5 | 115.9 | 4.0 | 38.0 | 9.50 |
| — | — | — | — | — | — | — | — | — | 26.6 | 43.7 | 55.4 | 63.3 | 71.0 | 85.6 | 116.1 | 3.8 | 38.0 | 10.00 |
| — | — | — | — | — | — | — | — | — | 26.7 | 43.9 | 55.6 | 63.4 | 71.1 | 85.8 | 116.2 | 3.6 | 38.0 | 10.56 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0`** | **0.0** | **0.82** | **0.88** | **0.92** | **0.96** | **1.05** | **1.10** | **1.13** | **1.15** | **1.19** | **1.26** | | | |
| — | — | — | — | — | — | — | — | — | 26.8 | 44.0 | 55.7 | 63.5 | 71.3 | 85.9 | 116.3 | 3.4 | 38.0 | 11.18 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0`** | **0.0** | **0.0** | **0.0** | **0.0** | **0.80** | **0.99** | **1.06** | **1.10** | **1.13** | **1.17** | **1.25** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 1.00 | 5.0 | 5.0 | 1750 | 2.03 | 6.39 | 1160 | 2.24 | 5.05 | 870 | 2.10 | 4.17 | 19.1 | 23.6 | 27.6 | 31.1 | 34.1 | 36.1 |
| 1.00 | 5.5 | 5.5 | 1750 | 4.24 | 8.67 | 1160 | 3.84 | 6.68 | 870 | 3.35 | 5.45 | 18.3 | 22.8 | 26.8 | 30.3 | 33.3 | 35.3 |
| 1.00 | 6.0 | 6.0 | 1750 | 6.39 | 10.90 | 1160 | 5.42 | 8.29 | 870 | 4.59 | 6.70 | 17.5 | 22.0 | 26.0 | 29.5 | 32.5 | 34.5 |
| 1.00 | 7.0 | 7.0 | 1750 | 10.51 | 15.20 | 1160 | 8.49 | 11.44 | 870 | 7.02 | 9.18 | 16.0 | 20.5 | 24.5 | 28.0 | 31.0 | 33.0 |
| 1.00 | 7.5 | 7.5 | 1750 | 12.47 | 17.27 | 1160 | 9.99 | 12.98 | 870 | 8.21 | 10.39 | 15.2 | 19.7 | 23.7 | 27.2 | 30.2 | 32.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.81** | **0.84** | **0.86** | **0.87** | **0.88** |
| 1.00 | 8.0 | 8.0 | 1750 | 14.37 | 19.28 | 1160 | 11.46 | 14.50 | 870 | 9.39 | 11.60 | 14.4 | 18.9 | 22.9 | 26.4 | 29.4 | 31.4 |
| 1.00 | 8.5 | 8.5 | 1750 | 16.20 | 21.24 | 1160 | 12.91 | 16.00 | 870 | 10.56 | 12.79 | 13.6 | 18.1 | 22.1 | 25.6 | 28.6 | 30.6 |
| 1.00 | 9.0 | 9.0 | 1750 | 17.96 | 23.14 | 1160 | 14.33 | 17.47 | 870 | 11.71 | 13.97 | 12.8 | 17.3 | 21.3 | 24.8 | 27.8 | 29.8 |
| 1.00 | 9.5 | 9.5 | 1750 | 19.65 | 24.98 | 1160 | 15.73 | 18.92 | 870 | 12.84 | 15.14 | 12.0 | 16.5 | 20.5 | 24.0 | 27.0 | 29.0 |
| 1.00 | 10.0 | 10.0 | 1750 | 21.26 | 26.75 | 1160 | 17.10 | 20.35 | 870 | 13.97 | 16.29 | — | 15.7 | 19.7 | 23.2 | 26.2 | 28.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.81** | **0.84** | **0.86** | **0.87** | **0.88** |
| 1.00 | 10.5 | 10.5 | 1750 | 22.79 | 28.46 | 1160 | 18.44 | 21.76 | 870 | 15.07 | 17.43 | — | 15.0 | 19.0 | 22.5 | 25.5 | 27.5 |
| 1.00 | 11.0 | 11.0 | 1750 | 24.24 | 30.10 | 1160 | 19.75 | 23.14 | 870 | 16.17 | 18.56 | — | — | 18.2 | 21.7 | 24.7 | 26.7 |
| 1.00 | 12.0 | 12.0 | 1750 | 26.90 | 33.18 | 1160 | 22.29 | 25.83 | 870 | 18.31 | 20.78 | — | — | 16.6 | 20.1 | 23.1 | 25.1 |
| 1.00 | 13.0 | 13.0 | 1750 | 29.19 | 35.95 | 1160 | 24.71 | 28.42 | 870 | 20.39 | 22.95 | — | — | — | 18.5 | 21.5 | 23.5 |
| 1.00 | 14.0 | 14.0 | 1750 | 31.11 | 38.42 | 1160 | 27.00 | 30.90 | 870 | 22.41 | 25.07 | — | — | — | — | 20.0 | 22.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.81** | **0.84** | **0.86** | **0.87** | **0.88** |
| 1.00 | 16.0 | 16.0 | + | + | + | 1160 | 31.19 | 35.54 | 870 | 26.26 | 29.14 | — | — | — | — | — | — |
| 1.05 | 9.5 | 10.0 | 1663 | 20.18 | 25.41 | 1102 | 16.08 | 19.22 | 827 | 13.11 | 15.35 | — | 16.1 | 20.1 | 23.6 | 26.6 | 28.6 |
| 1.05 | 10.0 | 10.5 | 1667 | 21.79 | 27.19 | 1105 | 17.45 | 20.64 | 829 | 14.23 | 16.51 | — | 15.3 | 19.3 | 22.8 | 25.8 | 27.8 |
| 1.05 | 10.5 | 11.0 | 1670 | 23.32 | 28.90 | 1107 | 18.79 | 22.05 | 830 | 15.33 | 17.65 | — | — | 18.6 | 22.1 | 25.1 | 27.1 |
| 1.06 | 8.0 | 8.5 | 1647 | 14.99 | 19.80 | 1092 | 11.87 | 14.84 | 819 | 9.70 | 11.85 | 14.0 | 18.5 | 22.5 | 26.0 | 29.0 | 31.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.81** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.06 | 8.5 | 9.0 | 1653 | 16.82 | 21.75 | 1096 | 13.32 | 16.34 | 822 | 10.86 | 13.04 | 13.2 | 17.7 | 21.7 | 25.2 | 28.2 | 30.2 |
| 1.06 | 9.0 | 9.5 | 1658 | 18.58 | 23.65 | 1099 | 14.74 | 17.81 | 824 | 12.01 | 14.22 | 12.4 | 16.9 | 20.9 | 24.4 | 27.4 | 29.4 |
| 1.07 | 7.0 | 7.5 | 1633 | 11.21 | 15.78 | 1083 | 8.96 | 11.83 | 812 | 7.37 | 9.47 | 15.6 | 20.1 | 24.1 | 27.6 | 30.6 | 32.6 |
| 1.07 | 7.5 | 8.0 | 1641 | 13.18 | 17.85 | 1088 | 10.46 | 13.37 | 816 | 8.56 | 10.68 | 14.8 | 19.3 | 23.3 | 26.8 | 29.8 | 31.8 |
| 1.08 | 12.0 | 13.0 | 1615 | 27.68 | 33.83 | 1071 | 22.81 | 26.26 | 803 | 18.70 | 21.10 | — | — | — | 19.3 | 22.3 | 24.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.81** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.08 | 13.0 | 14.0 | 1625 | 29.97 | 36.60 | 1077 | 25.23 | 28.85 | 808 | 20.78 | 23.27 | — | — | — | — | 20.7 | 22.7 |
| 1.09 | 5.5 | 6.0 | 1604 | 5.10 | 9.38 | 1063 | 4.41 | 7.16 | 798 | 3.78 | 5.80 | 17.9 | 22.4 | 26.4 | 29.9 | 32.9 | 34.9 |
| 1.09 | 11.0 | 12.0 | 1604 | 25.10 | 30.81 | 1063 | 20.32 | 23.61 | 798 | 16.59 | 18.91 | — | — | 17.4 | 20.9 | 23.9 | 25.9 |
| 1.10 | 5.0 | 5.5 | 1591 | 2.96 | 7.16 | 1055 | 2.86 | 5.56 | 791 | 2.56 | 4.56 | 18.7 | 23.2 | 27.2 | 30.7 | 33.7 | 35.7 |
| 1.10 | 10.0 | 11.0 | 1591 | 22.19 | 27.52 | 1055 | 17.71 | 20.87 | 791 | 14.43 | 16.67 | — | — | 19.0 | 22.5 | 25.5 | 27.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.81** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.11 | 9.0 | 10.0 | 1575 | 18.96 | 23.97 | 1044 | 14.99 | 18.02 | 783 | 12.20 | 14.83 | 12.0 | 16.5 | 20.5 | 24.0 | 27.0 | 29.0 |
| 1.11 | 9.5 | 10.5 | 1583 | 20.65 | 25.81 | 1050 | 16.39 | 19.48 | 787 | 13.34 | 15.55 | — | 15.7 | 19.7 | 23.2 | 26.2 | 28.2 |
| 1.12 | 8.5 | 9.5 | 1566 | 17.27 | 22.13 | 1038 | 13.62 | 16.58 | 778 | 11.09 | 13.23 | 12.8 | 17.3 | 21.3 | 24.8 | 27.8 | 29.8 |
| 1.13 | 7.5 | 8.5 | 1544 | 13.60 | 18.21 | 1024 | 10.74 | 13.60 | 768 | 8.77 | 10.86 | 14.4 | 18.9 | 22.9 | 26.4 | 29.4 | 31.4 |
| 1.13 | 8.0 | 9.0 | 1556 | 15.50 | 20.22 | 1031 | 12.21 | 15.12 | 773 | 9.95 | 12.06 | 13.6 | 18.1 | 22.1 | 25.6 | 28.6 | 30.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.13 | 16.0 | 18.0 | + | + | + | 1031 | 31.94 | 36.16 | 773 | 26.82 | 29.60 | — | — | — | — | — | — |
| 1.14 | 7.0 | 8.0 | 1531 | 11.69 | 16.18 | 1015 | 9.28 | 12.09 | 761 | 7.61 | 9.67 | 15.2 | 19.7 | 23.7 | 27.2 | 30.2 | 32.3 |
| 1.14 | 10.5 | 12.0 | 1531 | 23.98 | 29.44 | 1015 | 19.22 | 22.41 | 761 | 15.66 | 17.92 | — | — | 17.8 | 21.3 | 24.3 | 26.3 |
| 1.14 | 14.0 | 16.0 | 1531 | 32.29 | 39.40 | 1015 | 27.79 | 31.56 | 761 | 23.00 | 25.56 | — | — | — | — | — | 20.4 |
| 1.16 | 9.5 | 11.0 | 1511 | 20.94 | 26.05 | 1002 | 16.58 | 19.64 | 751 | 13.49 | 15.67 | — | 15.3 | 19.3 | 22.8 | 25.8 | 27.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.17 | 6.0 | 7.0 | 1500 | 7.73 | 12.01 | 994 | 6.31 | 9.03 | 746 | 5.26 | 7.26 | 16.7 | 21.2 | 25.2 | 28.7 | 31.7 | 33.7 |
| 1.17 | 9.0 | 10.5 | 1500 | 19.30 | 24.26 | 994 | 15.22 | 18.21 | 746 | 12.37 | 14.52 | — | 16.1 | 20.1 | 23.6 | 26.6 | 28.6 |
| 1.17 | 12.0 | 14.0 | 1500 | 28.24 | 34.29 | 994 | 23.18 | 26.57 | 746 | 18.97 | 21.33 | — | — | — | 18.5 | 21.5 | 23.5 |
| 1.18 | 8.5 | 10.0 | 1488 | 17.59 | 22.40 | 986 | 13.83 | 16.76 | 740 | 11.25 | 13.36 | 12.4 | 16.9 | 20.9 | 24.4 | 27.4 | 29.4 |
| 1.18 | 11.0 | 13.0 | 1481 | 25.63 | 31.26 | 982 | 20.67 | 23.91 | 736 | 16.86 | 19.13 | — | — | 16.6 | 20.1 | 23.1 | 25.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.77** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.19 | 8.0 | 9.5 | 1474 | 15.81 | 20.48 | 977 | 12.41 | 15.29 | 733 | 10.11 | 12.19 | 13.2 | 17.7 | 21.7 | 25.2 | 28.2 | 30.2 |
| 1.20 | 5.0 | 6.0 | 1458 | 3.51 | 7.61 | 967 | 3.22 | 5.87 | 725 | 2.83 | 4.78 | 18.3 | 22.8 | 26.8 | 30.3 | 33.3 | 35.3 |
| 1.20 | 7.5 | 9.0 | 1458 | 13.95 | 18.50 | 967 | 10.97 | 13.80 | 725 | 8.95 | 11.00 | 14.0 | 18.5 | 22.5 | 26.0 | 29.0 | 31.0 |
| 1.20 | 10.0 | 12.0 | 1458 | 22.74 | 27.98 | 967 | 18.07 | 21.17 | 725 | 14.70 | 16.90 | — | — | 18.1 | 21.6 | 24.7 | 26.7 |
| 1.21 | 7.0 | 8.5 | 1441 | 12.03 | 16.46 | 955 | 9.50 | 12.28 | 716 | 7.77 | 9.80 | 14.8 | 19.3 | 23.3 | 26.8 | 29.8 | 31.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 | 65.6 | 72.6 | 80.1 | 83.6 | 98.6 | 112.6 | 142.6 | 172.6 | 202.6 | 5.0 | 5.0 | 1.00 |
| 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 64.8 | 71.8 | 79.3 | 82.8 | 97.8 | 111.8 | 141.8 | 171.8 | 201.8 | 5.5 | 5.5 | 1.00 |
| 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 64.0 | 71.0 | 78.5 | 82.0 | 97.0 | 111.0 | 141.0 | 171.0 | 201.0 | 6.0 | 6.0 | 1.00 |
| 35.5 | 38.5 | 43.0 | 46.5 | 50.5 | 54.5 | 62.5 | 69.5 | 77.0 | 80.5 | 95.5 | 109.5 | 139.5 | 169.5 | 199.5 | 7.0 | 7.0 | 1.00 |
| 34.7 | 37.7 | 42.2 | 45.7 | 49.7 | 53.7 | 61.7 | 68.7 | 76.2 | 79.7 | 94.7 | 108.7 | 138.7 | 168.7 | 198.7 | 7.5 | 7.5 | 1.00 |
| **0.90** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 33.9 | 36.9 | 41.4 | 44.9 | 48.9 | 52.9 | 60.9 | 67.9 | 75.4 | 78.9 | 93.9 | 107.9 | 137.9 | 167.9 | 197.9 | 8.0 | 8.0 | 1.00 |
| 33.1 | 36.1 | 40.6 | 44.1 | 48.1 | 52.1 | 60.1 | 67.1 | 74.6 | 78.1 | 93.1 | 107.1 | 137.1 | 167.1 | 197.1 | 8.5 | 8.5 | 1.00 |
| 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 59.3 | 66.3 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 9.0 | 9.0 | 1.00 |
| 31.5 | 34.5 | 39.0 | 42.5 | 46.5 | 50.5 | 58.5 | 65.5 | 73.0 | 76.5 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 9.5 | 9.5 | 1.00 |
| 30.7 | 33.7 | 38.2 | 41.7 | 45.7 | 49.7 | 57.7 | 64.7 | 72.2 | 75.7 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 10.0 | 10.0 | 1.00 |
| **0.90** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 30.0 | 33.0 | 37.5 | 41.0 | 45.0 | 49.0 | 57.0 | 64.0 | 71.5 | 75.0 | 90.0 | 104.0 | 134.0 | 164.0 | 194.0 | 10.5 | 10.5 | 1.00 |
| 29.2 | 32.2 | 36.7 | 40.2 | 44.2 | 48.2 | 56.2 | 63.2 | 70.7 | 74.2 | 89.2 | 103.2 | 133.2 | 163.2 | 193.2 | 11.0 | 11.0 | 1.00 |
| 27.6 | 30.6 | 35.1 | 38.6 | 42.6 | 46.6 | 54.6 | 61.6 | 69.1 | 72.6 | 87.6 | 101.6 | 131.6 | 161.6 | 191.6 | 12.0 | 12.0 | 1.00 |
| 26.0 | 29.0 | 33.5 | 37.0 | 41.0 | 45.0 | 53.0 | 60.0 | 67.5 | 71.0 | 86.0 | 100.0 | 130.0 | 160.0 | 190.0 | 13.0 | 13.0 | 1.00 |
| 24.5 | 27.5 | 32.0 | 35.5 | 39.5 | 43.5 | 51.5 | 58.5 | 66.0 | 69.5 | 84.5 | 98.5 | 128.5 | 158.5 | 188.5 | 14.0 | 14.0 | 1.00 |
| **0.90** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 21.3 | 24.3 | 28.8 | 32.3 | 36.3 | 40.3 | 48.3 | 55.3 | 62.8 | 66.3 | 81.3 | 95.3 | 125.3 | 155.3 | 185.3 | 16.0 | 16.0 | 1.00 |
| 31.1 | 34.1 | 38.6 | 42.1 | 46.1 | 50.1 | 58.1 | 65.1 | 72.6 | 76.1 | 91.1 | 105.1 | 135.1 | 165.1 | 195.1 | 9.5 | 10.0 | 1.05 |
| 30.3 | 33.3 | 37.8 | 41.3 | 45.3 | 49.3 | 57.3 | 64.3 | 71.8 | 75.3 | 90.3 | 104.3 | 134.3 | 164.3 | 194.3 | 10.0 | 10.5 | 1.05 |
| 29.6 | 32.6 | 37.1 | 40.6 | 44.6 | 48.6 | 56.6 | 63.6 | 71.1 | 74.6 | 89.6 | 103.6 | 133.6 | 163.6 | 193.6 | 10.5 | 11.0 | 1.05 |
| 33.5 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 | 60.5 | 67.5 | 75.0 | 78.5 | 93.5 | 107.5 | 137.5 | 167.5 | 197.5 | 8.0 | 8.5 | 1.06 |
| **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 32.7 | 35.7 | 40.2 | 43.7 | 47.7 | 51.7 | 59.7 | 66.7 | 74.2 | 77.7 | 92.7 | 106.7 | 136.7 | 166.7 | 196.7 | 8.5 | 9.0 | 1.06 |
| 31.9 | 34.9 | 39.4 | 42.9 | 46.9 | 50.9 | 58.9 | 65.9 | 73.4 | 76.9 | 91.9 | 105.9 | 135.9 | 165.9 | 195.9 | 9.0 | 9.5 | 1.06 |
| 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 | 62.1 | 69.1 | 76.6 | 80.1 | 95.1 | 109.1 | 139.1 | 169.1 | 199.1 | 7.0 | 7.5 | 1.07 |
| 34.3 | 37.3 | 41.8 | 45.3 | 49.3 | 53.3 | 61.3 | 68.3 | 75.8 | 79.3 | 94.3 | 108.3 | 138.3 | 168.3 | 198.3 | 7.5 | 8.0 | 1.07 |
| 26.8 | 29.8 | 34.3 | 37.8 | 41.8 | 45.8 | 53.8 | 60.8 | 68.3 | 71.8 | 86.8 | 100.8 | 130.8 | 160.8 | 190.8 | 12.0 | 13.0 | 1.08 |
| **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 25.2 | 28.2 | 32.7 | 36.2 | 40.2 | 44.2 | 52.2 | 59.2 | 66.7 | 70.2 | 85.2 | 99.2 | 129.2 | 159.2 | 189.2 | 13.0 | 14.0 | 1.08 |
| 37.4 | 40.4 | 44.9 | 48.4 | 52.4 | 56.4 | 64.4 | 71.4 | 78.9 | 82.4 | 97.4 | 111.4 | 141.4 | 171.4 | 201.4 | 5.5 | 6.0 | 1.09 |
| 28.4 | 31.4 | 35.9 | 39.4 | 43.4 | 47.4 | 55.4 | 52.4 | 69.9 | 73.4 | 88.4 | 102.4 | 132.4 | 162.4 | 192.4 | 11.0 | 12.0 | 1.09 |
| 38.2 | 41.2 | 45.7 | 49.2 | 53.2 | 57.2 | 65.2 | 72.2 | 79.7 | 83.2 | 98.2 | 112.2 | 142.2 | 172.2 | 202.2 | 5.0 | 5.5 | 1.10 |
| 30.0 | 33.0 | 37.5 | 41.0 | 45.0 | 49.0 | 57.0 | 64.0 | 71.5 | 75.0 | 90.0 | 104.0 | 134.0 | 164.0 | 194.0 | 10.0 | 11.0 | 1.10 |
| **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 31.5 | 34.5 | 39.0 | 42.5 | 46.5 | 50.5 | 58.5 | 65.5 | 73.0 | 76.5 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 9.0 | 10.0 | 1.11 |
| 30.7 | 33.7 | 38.2 | 41.7 | 45.7 | 49.7 | 57.7 | 64.7 | 72.2 | 75.7 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 9.5 | 10.5 | 1.11 |
| 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 59.3 | 66.3 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 8.5 | 9.5 | 1.12 |
| 33.9 | 36.9 | 41.4 | 44.9 | 48.9 | 52.9 | 60.9 | 67.9 | 75.4 | 78.9 | 93.9 | 107.9 | 137.9 | 167.9 | 197.9 | 7.5 | 8.5 | 1.13 |
| 33.1 | 36.1 | 40.6 | 44.1 | 48.1 | 52.1 | 60.1 | 67.1 | 74.6 | 78.1 | 93.1 | 107.1 | 137.1 | 167.1 | 197.1 | 8.0 | 9.0 | 1.13 |
| **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| — | 22.7 | 27.2 | 30.7 | 34.7 | 38.7 | 46.7 | 53.7 | 61.2 | 64.7 | 79.7 | 93.7 | 123.7 | 153.7 | 183.7 | 16.0 | 18.0 | 1.13 |
| 24.7 | 37.7 | 42.2 | 45.7 | 49.7 | 53.7 | 61.7 | 68.7 | 76.2 | 79.7 | 94.7 | 108.7 | 138.7 | 168.7 | 198.7 | 7.0 | 8.0 | 1.14 |
| 28.8 | 31.8 | 36.3 | 39.8 | 43.8 | 47.8 | 55.8 | 62.8 | 70.3 | 73.8 | 88.8 | 102.8 | 132.8 | 162.8 | 192.8 | 10.5 | 12.0 | 1.14 |
| 22.9 | 25.9 | 30.4 | 33.9 | 37.9 | 41.9 | 49.9 | 56.9 | 64.4 | 67.9 | 82.9 | 96.9 | 126.9 | 156.9 | 186.9 | 14.0 | 16.0 | 1.14 |
| 30.3 | 33.3 | 37.8 | 41.3 | 45.3 | 49.3 | 57.3 | 64.3 | 71.8 | 75.3 | 90.3 | 104.3 | 134.3 | 164.3 | 194.3 | 9.5 | 11.0 | 1.16 |
| **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 63.2 | 70.2 | 77.7 | 81.2 | 96.2 | 110.2 | 140.2 | 170.2 | 200.2 | 6.0 | 7.0 | 1.17 |
| 31.1 | 34.1 | 38.6 | 42.1 | 46.1 | 50.1 | 58.1 | 65.1 | 72.6 | 76.1 | 91.1 | 105.1 | 135.1 | 165.1 | 195.1 | 9.0 | 10.5 | 1.17 |
| 26.0 | 29.0 | 33.5 | 37.0 | 41.0 | 45.0 | 53.0 | 60.0 | 67.5 | 71.0 | 86.0 | 100.0 | 130.0 | 160.0 | 190.0 | 12.0 | 14.0 | 1.17 |
| 31.9 | 34.9 | 39.4 | 42.9 | 46.9 | 50.9 | 58.9 | 65.9 | 73.4 | 76.9 | 91.9 | 105.9 | 135.9 | 165.9 | 195.9 | 8.5 | 10.0 | 1.18 |
| 27.6 | 30.6 | 35.1 | 38.6 | 42.6 | 46.6 | 54.6 | 61.6 | 69.1 | 72.6 | 87.6 | 101.6 | 131.6 | 161.6 | 191.6 | 11.0 | 13.0 | 1.18 |
| **0.90** | **0.91** | **0.93** | **0.94** | **0.96** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 32.7 | 35.7 | 40.2 | 43.7 | 47.7 | 51.7 | 59.7 | 66.7 | 74.2 | 77.7 | 92.7 | 106.7 | 136.7 | 166.7 | 196.7 | 8.0 | 9.5 | 1.19 |
| 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 | 64.8 | 71.8 | 79.3 | 82.8 | 97.8 | 111.8 | 141.8 | 171.8 | 201.8 | 5.0 | 6.0 | 1.20 |
| 33.5 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 | 60.5 | 67.5 | 75.0 | 78.5 | 93.5 | 107.5 | 137.5 | 167.5 | 197.5 | 7.5 | 9.0 | 1.20 |
| 29.2 | 32.2 | 36.7 | 40.2 | 44.2 | 48.2 | 56.2 | 63.2 | 70.7 | 74.2 | 89.2 | 103.2 | 133.2 | 163.2 | 193.2 | 10.0 | 12.0 | 1.20 |
| 34.3 | 37.3 | 41.8 | 45.3 | 49.3 | 53.3 | 61.3 | 68.3 | 75.8 | 79.3 | 94.3 | 108.3 | 138.3 | 168.3 | 198.3 | 7.0 | 8.5 | 1.21 |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 1.22 | 9.0 | 11.0 | 1432 | 19.52 | 24.43 | 949 | 15.36 | 18.33 | 712 | 12.48 | 14.61 | — | 15.7 | 19.7 | 23.2 | 26.2 | 28.2 |
| 1.23 | 13.0 | 16.0 | 1422 | 30.78 | 37.28 | 943 | 25.76 | 29.30 | 707 | 21.18 | 23.61 | — | — | — | — | 19.1 | 21.1 |
| 1.24 | 8.5 | 10.5 | 1417 | 17.83 | 22.60 | 939 | 13.99 | 16.90 | 704 | 11.37 | 13.46 | 12.0 | 16.5 | 20.5 | 24.0 | 27.0 | 29.0 |
| 1.24 | 10.5 | 13.0 | 1413 | 24.42 | 29.81 | 937 | 19.52 | 22.66 | 703 | 15.88 | 18.10 | — | — | 16.9 | 20.5 | 23.5 | 25.5 |
| 1.25 | 6.0 | 7.5 | 1400 | 8.05 | 12.28 | 928 | 6.52 | 9.21 | 696 | 5.41 | 7.39 | 16.3 | 20.8 | 24.8 | 28.3 | 31.3 | 33.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.82** | **0.85** | **0.87** | **0.88** |
| 1.25 | 8.0 | 10.0 | 1400 | 16.03 | 20.67 | 928 | 12.56 | 15.42 | 696 | 10.22 | 12.28 | 12.8 | 17.3 | 21.3 | 24.8 | 27.8 | 29.8 |
| 1.25 | 16.0 | 20.0 | + | + | + | 928 | 32.29 | 36.46 | 696 | 27.09 | 29.82 | — | — | — | — | — | — |
| 1.26 | 9.5 | 12.0 | 1385 | 21.34 | 26.38 | 918 | 16.85 | 19.86 | 689 | 13.68 | 15.83 | — | — | 18.5 | 22.0 | 25.0 | 27.0 |
| 1.27 | 5.5 | 7.0 | 1375 | 5.96 | 10.10 | 911 | 4.98 | 7.63 | 684 | 4.21 | 6.16 | 17.1 | 21.6 | 25.6 | 29.1 | 32.1 | 34.1 |
| 1.27 | 7.5 | 9.5 | 1382 | 14.20 | 18.70 | 916 | 11.13 | 13.93 | 687 | 9.07 | 11.11 | 13.6 | 18.1 | 22.1 | 25.6 | 28.6 | 30.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.82** | **0.85** | **0.86** | **0.88** |
| 1.27 | 11.0 | 14.0 | 1375 | 25.97 | 31.53 | 911 | 20.89 | 24.09 | 684 | 17.02 | 19.27 | — | — | — | 19.3 | 22.3 | 24.3 |
| 1.29 | 7.0 | 9.0 | 1361 | 12.29 | 16.68 | 902 | 9.67 | 12.42 | 677 | 7.90 | 9.91 | 14.3 | 18.9 | 22.9 | 26.4 | 29.4 | 31.4 |
| 1.29 | 8.5 | 11.0 | 1352 | 17.98 | 22.72 | 896 | 14.09 | 16.98 | 672 | 11.44 | 13.53 | — | 16.1 | 20.1 | 23.6 | 26.6 | 28.6 |
| 1.29 | 14.0 | 18.0 | 1361 | 32.89 | 39.90 | 902 | 28.18 | 31.88 | 677 | 23.30 | 25.80 | — | — | — | — | — | — |
| 1.30 | 10.0 | 13.0 | 1346 | 23.06 | 28.25 | 892 | 18.29 | 21.35 | 669 | 14.86 | 17.04 | — | — | 17.3 | 20.8 | 23.8 | 25.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.31 | 8.0 | 10.5 | 1333 | 16.20 | 20.81 | 884 | 12.68 | 15.51 | 663 | 10.30 | 12.35 | 12.4 | 16.9 | 20.9 | 24.4 | 27.4 | 29.4 |
| 1.33 | 6.0 | 8.0 | 1313 | 8.27 | 12.46 | 870 | 6.66 | 9.33 | 653 | 5.52 | 7.48 | 15.9 | 20.4 | 24.4 | 27.9 | 30.9 | 32.9 |
| 1.33 | 7.5 | 10.0 | 1313 | 14.35 | 18.83 | 870 | 11.23 | 14.02 | 653 | 9.15 | 11.17 | 13.1 | 17.7 | 21.7 | 25.2 | 28.2 | 30.2 |
| 1.33 | 9.0 | 12.0 | 1313 | 19.84 | 24.70 | 870 | 15.58 | 18.51 | 653 | 12.64 | 14.74 | — | — | 18.9 | 22.4 | 25.4 | 27.4 |
| 1.33 | 10.5 | 14.0 | 1313 | 24.67 | 30.02 | 870 | 19.68 | 22.79 | 653 | 16.01 | 18.21 | — | — | — | 19.6 | 22.6 | 24.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.86** | **0.86** | **0.87** |
| 1.33 | 12.0 | 16.0 | 1313 | 28.77 | 34.74 | 870 | 23.53 | 26.86 | 653 | 19.24 | 21.56 | — | — | — | — | 19.9 | 21.9 |
| 1.36 | 5.5 | 7.5 | 1283 | 6.18 | 10.28 | 851 | 5.13 | 7.75 | 638 | 4.31 | 6.25 | 16.7 | 21.2 | 25.2 | 28.7 | 31.7 | 33.7 |
| 1.36 | 7.0 | 9.5 | 1289 | 12.45 | 16.81 | 855 | 9.78 | 12.51 | 641 | 7.98 | 9.98 | 13.9 | 18.4 | 22.5 | 26.0 | 29.0 | 31.0 |
| 1.37 | 9.5 | 13.0 | 1279 | 21.61 | 26.61 | 848 | 17.03 | 20.00 | 636 | 13.82 | 15.94 | — | — | 17.7 | 21.2 | 24.2 | 26.2 |
| 1.38 | 8.0 | 11.0 | 1273 | 16.35 | 20.93 | 844 | 12.77 | 15.59 | 633 | 10.37 | 12.41 | 11.9 | 16.5 | 20.5 | 24.0 | 27.0 | 29.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.38 | 13.0 | 18.0 | 1264 | 31.17 | 37.60 | 838 | 26.02 | 29.51 | 628 | 21.37 | 23.77 | — | — | — | — | — | — |
| 1.40 | 5.0 | 7.0 | 1250 | 4.04 | 8.06 | 829 | 3.57 | 6.16 | 621 | 3.10 | 5.00 | 17.5 | 22.0 | 26.0 | 29.5 | 32.5 | 34.5 |
| 1.40 | 7.5 | 10.5 | 1250 | 14.48 | 18.94 | 829 | 11.32 | 14.09 | 621 | 9.21 | 11.22 | 12.7 | 17.2 | 21.3 | 24.8 | 27.8 | 29.8 |
| 1.40 | 10.0 | 14.0 | 1250 | 23.27 | 28.42 | 829 | 18.43 | 21.46 | 621 | 14.96 | 17.12 | — | — | 16.5 | 20.0 | 23.0 | 25.0 |
| 1.41 | 8.5 | 12.0 | 1240 | 18.23 | 22.93 | 822 | 14.25 | 17.12 | 616 | 11.56 | 13.63 | — | 15.2 | 19.3 | 22.8 | 25.8 | 27.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.80** | **0.83** | **0.85** | **0.87** | **0.88** |
| 1.42 | 6.0 | 8.5 | 1235 | 8.43 | 12.59 | 819 | 6.77 | 9.42 | 614 | 5.60 | 7.55 | 15.5 | 20.0 | 24.0 | 27.5 | 30.5 | 32.5 |
| 1.43 | 7.0 | 10.0 | 1225 | 12.57 | 16.91 | 812 | 9.85 | 12.57 | 609 | 8.04 | 10.03 | 13.5 | 18.0 | 22.0 | 25.6 | 28.6 | 30.6 |
| 1.43 | 14.0 | 20.0 | 1225 | 33.16 | 40.13 | 812 | 28.36 | 32.04 | 609 | 23.43 | 25.92 | — | — | — | — | — | — |
| 1.44 | 9.0 | 13.0 | 1212 | 20.03 | 24.86 | 803 | 15.70 | 18.61 | 602 | 12.74 | 14.82 | — | — | 18.1 | 21.6 | 24.6 | 26.6 |
| 1.45 | 5.5 | 8.0 | 1203 | 6.32 | 10.40 | 798 | 5.22 | 7.83 | 598 | 4.39 | 6.31 | 16.3 | 20.8 | 24.8 | 28.3 | 31.3 | 33.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.76** | **0.79** | **0.82** | **0.85** | **0.86** | **0.87** |
| 1.45 | 11.0 | 16.0 | 1203 | 26.33 | 31.83 | 798 | 21.13 | 24.29 | 598 | 17.20 | 19.42 | — | — | — | — | 20.6 | 22.6 |
| 1.47 | 7.5 | 11.0 | 1193 | 14.58 | 19.02 | 791 | 11.39 | 14.14 | 593 | 9.26 | 11.27 | 12.3 | 16.8 | 20.8 | 24.4 | 27.4 | 29.4 |
| 1.47 | 9.5 | 14.0 | 1188 | 21.76 | 26.73 | 787 | 17.13 | 20.09 | 590 | 13.89 | 16.01 | — | — | 16.8 | 20.4 | 23.4 | 25.4 |
| 1.50 | 5.0 | 7.5 | 1167 | 4.17 | 8.17 | 773 | 3.66 | 6.23 | 580 | 3.16 | 5.06 | 17.1 | 21.6 | 25.6 | 29.1 | 32.1 | 34.1 |
| 1.50 | 6.0 | 9.0 | 1167 | 8.53 | 12.68 | 773 | 6.84 | 9.47 | 580 | 5.65 | 7.59 | 15.1 | 19.6 | 23.6 | 27.1 | 30.1 | 32.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.50 | 7.0 | 10.5 | 1167 | 12.65 | 16.98 | 773 | 9.91 | 12.62 | 580 | 8.08 | 10.06 | 13.1 | 17.6 | 21.6 | 25.1 | 28.2 | 30.2 |
| 1.50 | 8.0 | 12.0 | 1167 | 16.51 | 21.07 | 773 | 12.88 | 15.68 | 580 | 10.46 | 12.48 | — | 15.6 | 19.6 | 23.2 | 26.2 | 28.2 |
| 1.50 | 12.0 | 18.0 | 1167 | 29.04 | 34.96 | 773 | 23.71 | 27.01 | 580 | 19.37 | 21.67 | — | — | — | — | — | 20.2 |
| 1.50 | 16.0 | 24.0 | + | + | + | 773 | 32.61 | 36.72 | 580 | 27.33 | 30.02 | — | — | — | — | — | — |
| 1.52 | 10.5 | 16.0 | 1148 | 24.95 | 30.26 | 761 | 19.87 | 22.95 | 571 | 16.15 | 18.32 | — | — | — | 17.9 | 21.0 | 23.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.53 | 8.5 | 13.0 | 1144 | 18.37 | 23.05 | 758 | 14.35 | 17.20 | 569 | 11.64 | 13.69 | — | — | 18.4 | 21.9 | 25.0 | 27.0 |
| 1.54 | 13.0 | 20.0 | 1138 | 31.37 | 37.77 | 754 | 26.15 | 29.62 | 566 | 21.47 | 23.85 | — | — | — | — | — | — |
| 1.55 | 5.5 | 8.5 | 1132 | 6.43 | 10.49 | 751 | 5.29 | 7.89 | 563 | 4.44 | 6.35 | 15.9 | 20.4 | 24.4 | 27.9 | 30.9 | 32.9 |
| 1.56 | 9.0 | 14.0 | 1125 | 20.16 | 24.97 | 746 | 15.79 | 18.69 | 559 | 12.80 | 14.88 | — | — | 17.2 | 20.7 | 23.8 | 25.8 |
| 1.57 | 7.0 | 11.0 | 1114 | 12.72 | 17.04 | 738 | 9.95 | 12.66 | 554 | 8.12 | 10.09 | 12.7 | 17.2 | 21.2 | 24.7 | 27.7 | 29.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| 30.7 | 33.7 | 38.2 | 41.7 | 45.7 | 49.7 | 57.7 | 64.7 | 72.2 | 75.7 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 9.0 | 11.0 | 1.22 |
| 23.6 | 26.6 | 31.1 | 34.6 | 38.6 | 42.6 | 50.7 | 57.7 | 65.2 | 68.7 | 83.7 | 97.7 | 127.7 | 157.7 | 187.7 | 13.0 | 16.0 | 1.23 |
| 31.5 | 34.5 | 39.0 | 42.5 | 46.5 | 50.5 | 58.5 | 65.5 | 73.0 | 76.5 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 8.5 | 10.5 | 1.24 |
| 28.0 | 31.0 | 35.5 | 39.0 | 43.0 | 47.0 | 55.0 | 62.0 | 69.5 | 73.0 | 88.0 | 102.0 | 132.0 | 162.0 | 192.0 | 10.5 | 13.0 | 1.24 |
| 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 62.8 | 69.8 | 77.3 | 80.8 | 95.8 | 109.8 | 139.8 | 169.8 | 199.8 | 6.0 | 7.5 | 1.25 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 59.3 | 66.3 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 8.0 | 10.0 | 1.25 |
| — | — | 25.6 | 29.1 | 33.1 | 37.1 | 45.1 | 52.1 | 59.6 | 63.1 | 78.2 | 92.2 | 122.2 | 152.2 | 182.2 | 16.0 | 20.0 | 1.25 |
| 29.5 | 32.5 | 37.0 | 40.5 | 44.5 | 48.5 | 56.6 | 63.6 | 71.1 | 74.6 | 89.6 | 103.6 | 133.6 | 163.6 | 193.6 | 9.5 | 12.0 | 1.26 |
| 36.6 | 39.6 | 44.1 | 47.6 | 51.6 | 55.6 | 63.6 | 70.6 | 78.1 | 81.6 | 96.6 | 110.6 | 140.6 | 170.6 | 200.6 | 5.5 | 7.0 | 1.27 |
| 33.1 | 36.1 | 40.6 | 44.1 | 48.1 | 52.1 | 60.1 | 67.1 | 74.6 | 78.1 | 93.1 | 107.1 | 137.1 | 167.1 | 197.1 | 7.5 | 9.5 | 1.27 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 26.8 | 29.8 | 34.3 | 37.8 | 41.8 | 45.8 | 53.8 | 60.8 | 68.3 | 71.8 | 86.8 | 100.8 | 130.8 | 160.8 | 190.8 | 11.0 | 14.0 | 1.27 |
| 33.9 | 36.9 | 41.4 | 44.9 | 48.9 | 52.9 | 60.9 | 67.9 | 75.4 | 78.9 | 93.9 | 107.9 | 137.9 | 167.9 | 197.9 | 7.0 | 9.0 | 1.29 |
| 31.1 | 34.1 | 38.6 | 42.1 | 46.1 | 50.1 | 58.1 | 65.1 | 72.6 | 76.1 | 91.1 | 105.1 | 135.1 | 165.1 | 195.1 | 8.5 | 11.0 | 1.29 |
| 21.2 | 24.2 | 28.7 | 32.3 | 36.3 | 40.3 | 48.3 | 55.3 | 62.8 | 66.3 | 81.3 | 95.3 | 125.3 | 155.3 | 185.3 | 14.0 | 18.0 | 1.29 |
| 28.3 | 31.3 | 35.9 | 39.4 | 43.4 | 47.4 | 55.4 | 62.4 | 69.9 | 73.4 | 88.4 | 102.4 | 132.4 | 162.4 | 192.4 | 10.0 | 13.0 | 1.30 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 31.9 | 34.9 | 39.4 | 42.9 | 46.9 | 50.9 | 58.9 | 65.9 | 73.4 | 76.9 | 91.9 | 105.9 | 135.9 | 165.9 | 195.9 | 8.0 | 10.5 | 1.31 |
| 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 62.4 | 69.4 | 76.9 | 80.4 | 95.4 | 109.4 | 139.5 | 169.5 | 199.5 | 6.0 | 8.0 | 1.33 |
| 32.7 | 35.7 | 40.2 | 43.7 | 47.7 | 51.7 | 59.7 | 66.7 | 74.2 | 77.7 | 92.7 | 106.7 | 136.7 | 166.7 | 196.7 | 7.5 | 10.0 | 1.33 |
| 29.9 | 32.9 | 37.4 | 40.9 | 44.9 | 48.9 | 56.9 | 63.9 | 71.4 | 74.9 | 89.9 | 103.9 | 133.9 | 163.9 | 194.0 | 9.0 | 12.0 | 1.33 |
| 27.2 | 30.2 | 34.7 | 38.2 | 42.2 | 46.2 | 54.2 | 61.2 | 68.7 | 72.2 | 87.2 | 101.2 | 131.2 | 161.2 | 191.2 | 10.5 | 14.0 | 1.33 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 24.4 | 27.4 | 31.9 | 35.4 | 39.4 | 43.4 | 51.4 | 58.4 | 65.9 | 69.4 | 84.4 | 98.4 | 128.4 | 158.4 | 188.4 | 12.0 | 16.0 | 1.33 |
| 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 63.2 | 70.2 | 77.7 | 81.2 | 96.2 | 110.2 | 140.2 | 170.2 | 200.2 | 5.5 | 7.5 | 1.36 |
| 33.5 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 | 60.5 | 67.5 | 75.0 | 78.5 | 93.5 | 107.5 | 137.5 | 167.5 | 197.5 | 7.0 | 9.5 | 1.36 |
| 28.7 | 31.7 | 36.2 | 39.7 | 43.7 | 47.7 | 55.8 | 62.8 | 70.3 | 73.8 | 88.8 | 102.8 | 132.8 | 162.8 | 192.8 | 9.5 | 13.0 | 1.37 |
| 31.5 | 34.5 | 39.0 | 42.5 | 46.5 | 50.5 | 58.5 | 65.5 | 73.0 | 76.5 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 8.0 | 11.0 | 1.38 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 22.0 | 25.0 | 29.5 | 33.0 | 37.0 | 41.0 | 49.0 | 56.0 | 63.6 | 67.1 | 82.1 | 96.1 | 126.1 | 156.1 | 186.1 | 13.0 | 18.0 | 1.38 |
| 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 | 64.0 | 71.0 | 78.5 | 82.0 | 97.0 | 111.0 | 141.0 | 171.0 | 201.0 | 5.0 | 7.0 | 1.40 |
| 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 59.3 | 66.3 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 7.5 | 10.5 | 1.40 |
| 27.5 | 30.5 | 35.0 | 38.5 | 42.6 | 46.6 | 54.6 | 61.6 | 69.1 | 72.6 | 87.6 | 101.6 | 131.6 | 161.6 | 191.6 | 10.0 | 14.0 | 1.40 |
| 30.3 | 33.3 | 37.8 | 41.3 | 45.3 | 49.3 | 57.3 | 64.3 | 71.8 | 75.3 | 90.3 | 104.3 | 134.3 | 164.3 | 194.3 | 8.5 | 12.0 | 1.41 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 35.0 | 38.0 | 42.5 | 46.0 | 50.0 | 54.0 | 62.0 | 69.1 | 76.6 | 80.1 | 95.1 | 109.1 | 139.1 | 169.1 | 199.1 | 6.0 | 8.5 | 1.42 |
| 33.1 | 36.1 | 40.6 | 44.1 | 48.1 | 52.1 | 60.1 | 67.1 | 74.6 | 78.1 | 93.1 | 107.1 | 137.1 | 167.1 | 197.1 | 7.0 | 10.0 | 1.43 |
| — | 22.5 | 27.1 | 30.6 | 34.6 | 38.6 | 46.6 | 53.7 | 61.2 | 64.7 | 79.7 | 93.7 | 123.7 | 153.7 | 183.7 | 14.0 | 20.0 | 1.43 |
| 29.1 | 32.1 | 36.6 | 40.1 | 44.1 | 4.81 | 56.1 | 63.1 | 70.6 | 74.1 | 89.1 | 103.2 | 133.2 | 163.2 | 193.2 | 9.0 | 13.0 | 1.44 |
| 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 62.8 | 69.8 | 77.3 | 80.8 | 95.8 | 109.8 | 139.8 | 169.8 | 199.8 | 5.5 | 8.0 | 1.45 |
| **0.89** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **1.00** | **1.02** | **1.04** | **1.05** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 25.1 | 28.1 | 32.6 | 36.2 | 40.2 | 44.2 | 52.2 | 59.2 | 66.7 | 70.2 | 85.2 | 99.2 | 129.2 | 159.2 | 189.2 | 11.0 | 16.0 | 1.45 |
| 31.9 | 34.9 | 39.4 | 42.9 | 46.9 | 50.9 | 58.9 | 65.9 | 73.4 | 76.9 | 91.9 | 105.9 | 135.9 | 165.9 | 195.9 | 7.5 | 11.0 | 1.47 |
| 27.9 | 30.9 | 35.4 | 38.9 | 42.9 | 46.9 | 54.9 | 62.0 | 69.5 | 73.0 | 88.0 | 102.0 | 132.0 | 162.0 | 192.0 | 9.5 | 14.0 | 1.47 |
| 36.6 | 39.6 | 44.1 | 47.6 | 51.6 | 55.6 | 63.6 | 70.6 | 78.1 | 81.6 | 96.6 | 110.6 | 140.6 | 170.6 | 200.6 | 5.0 | 7.5 | 1.50 |
| 34.6 | 37.6 | 42.1 | 45.6 | 49.6 | 53.6 | 61.7 | 68.7 | 76.2 | 79.7 | 94.7 | 108.7 | 138.7 | 168.7 | 198.7 | 6.0 | 9.0 | 1.50 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 32.7 | 35.7 | 40.2 | 43.7 | 47.7 | 51.7 | 59.7 | 66.7 | 74.2 | 77.7 | 92.7 | 106.7 | 136.7 | 166.7 | 196.7 | 7.0 | 10.5 | 1.50 |
| 30.7 | 33.7 | 38.2 | 41.7 | 45.7 | 49.7 | 57.7 | 64.7 | 72.2 | 75.7 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 8.0 | 12.0 | 1.50 |
| 22.7 | 25.7 | 30.2 | 33.8 | 37.8 | 41.8 | 49.8 | 56.8 | 64.3 | 67.8 | 82.8 | 96.8 | 126.9 | 156.9 | 186.9 | 12.0 | 18.0 | 1.50 |
| — | — | — | 25.7 | 29.8 | 33.8 | 41.8 | 48.9 | 56.4 | 59.9 | 74.9 | 88.9 | 119.0 | 149.0 | 179.0 | 16.0 | 24.0 | 1.50 |
| 25.5 | 28.5 | 33.0 | 36.5 | 40.5 | 44.6 | 52.6 | 59.6 | 67.1 | 70.6 | 85.6 | 99.6 | 129.6 | 159.6 | 189.6 | 10.5 | 16.0 | 1.52 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 29.5 | 32.5 | 37.0 | 40.5 | 44.5 | 48.5 | 56.5 | 63.5 | 71.0 | 74.5 | 89.5 | 103.5 | 133.5 | 163.5 | 193.6 | 8.5 | 13.0 | 1.53 |
| — | 23.3 | 27.8 | 31.3 | 35.4 | 39.4 | 47.4 | 54.4 | 61.9 | 65.4 | 80.5 | 94.5 | 124.5 | 154.5 | 184.5 | 13.0 | 20.0 | 1.54 |
| 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 62.4 | 69.4 | 76.9 | 80.4 | 95.4 | 109.4 | 139.4 | 169.4 | 199.4 | 5.5 | 8.5 | 1.55 |
| 28.3 | 31.3 | 35.8 | 39.3 | 43.3 | 47.3 | 55.3 | 62.3 | 69.8 | 73.3 | 88.4 | 102.4 | 132.4 | 162.4 | 192.4 | 9.0 | 14.0 | 1.56 |
| 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 | 59.3 | 66.3 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 7.0 | 11.0 | 1.57 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.02** | **1.04** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 1.58 | 6.0 | 9.5 | 1105 | 8.61 | 12.74 | 733 | 6.89 | 9.51 | 549 | 5.69 | 7.62 | 14.7 | 19.2 | 23.2 | 26.7 | 29.7 | 31.7 |
| 1.60 | 5.0 | 8.0 | 1094 | 4.26 | 8.24 | 725 | 3.72 | 6.28 | 544 | 3.21 | 5.10 | 16.7 | 21.2 | 25.2 | 28.7 | 31.7 | 33.7 |
| 1.60 | 7.5 | 12.0 | 1094 | 14.70 | 19.13 | 725 | 11.47 | 14.21 | 544 | 9.32 | 11.32 | — | 16.0 | 20.0 | 23.5 | 26.5 | 28.5 |
| 1.60 | 10.0 | 16.0 | 1094 | 23.49 | 28.61 | 725 | 18.57 | 21.58 | 544 | 15.07 | 17.21 | — | — | — | 18.3 | 21.3 | 23.3 |
| 1.63 | 8.0 | 13.0 | 1077 | 16.62 | 21.16 | 714 | 12.96 | 15.74 | 535 | 10.51 | 12.53 | — | — | 18.8 | 22.3 | 25.3 | 27.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.64 | 5.5 | 9.0 | 1069 | 6.50 | 10.55 | 709 | 5.34 | 7.93 | 532 | 4.47 | 6.38 | 15.5 | 20.0 | 24.0 | 27.5 | 30.5 | 32.5 |
| 1.64 | 11.0 | 18.0 | 1069 | 26.50 | 31.98 | 709 | 21.25 | 24.39 | 532 | 17.29 | 19.49 | — | — | — | — | — | 20.9 |
| 1.65 | 8.5 | 14.0 | 1063 | 18.47 | 23.13 | 704 | 14.41 | 17.25 | 528 | 11.68 | 13.73 | — | — | 17.6 | 21.1 | 24.1 | 26.1 |
| 1.67 | 6.0 | 10.0 | 1050 | 8.67 | 12.79 | 696 | 6.93 | 9.55 | 522 | 5.72 | 7.64 | 14.2 | 18.8 | 22.8 | 26.3 | 29.3 | 31.3 |
| 1.67 | 12.0 | 20.0 | 1050 | 29.17 | 35.07 | 696 | 23.80 | 27.09 | 522 | 19.44 | 21.72 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.68 | 9.5 | 16.0 | 1039 | 21.93 | 26.87 | 689 | 17.24 | 20.18 | 517 | 13.98 | 16.08 | — | — | — | 18.6 | 21.7 | 23.7 |
| 1.69 | 16.0 | 27.0 | + | + | + | 687 | 32.71 | 36.80 | 516 | 27.40 | 30.08 | — | — | — | — | — | — |
| 1.70 | 5.0 | 8.5 | 1029 | 4.32 | 8.29 | 682 | 3.76 | 6.32 | 512 | 3.24 | 5.12 | 16.3 | 20.8 | 24.8 | 28.3 | 31.3 | 33.3 |
| 1.71 | 7.0 | 12.0 | 1021 | 12.81 | 17.11 | 677 | 10.01 | 12.71 | 508 | 8.16 | 10.13 | — | 16.3 | 20.4 | 23.9 | 26.9 | 28.9 |
| 1.71 | 10.5 | 18.0 | 1021 | 25.09 | 30.37 | 677 | 19.96 | 23.03 | 508 | 16.21 | 18.38 | — | — | — | — | 19.2 | 21.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.71 | 14.0 | 24.0 | 1021 | 33.40 | 40.33 | 677 | 28.52 | 32.17 | 508 | 23.55 | 26.02 | — | — | — | — | — | — |
| 1.73 | 5.5 | 9.5 | 1013 | 6.55 | 10.59 | 672 | 5.37 | 7.95 | 504 | 4.50 | 6.40 | 15.0 | 19.6 | 23.6 | 27.1 | 30.1 | 32.1 |
| 1.73 | 7.5 | 13.0 | 1010 | 14.78 | 19.19 | 669 | 11.52 | 14.25 | 502 | 9.36 | 11.35 | — | 15.1 | 19.2 | 22.7 | 25.7 | 27.7 |
| 1.75 | 6.0 | 10.5 | 1000 | 8.71 | 12.82 | 663 | 6.95 | 9.57 | 497 | 5.74 | 7.66 | 13.8 | 18.4 | 22.4 | 25.9 | 28.9 | 30.9 |
| 1.75 | 8.0 | 14.0 | 1000 | 16.69 | 21.21 | 663 | 13.00 | 15.78 | 497 | 10.54 | 12.56 | — | — | 17.9 | 21.5 | 24.5 | 26.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |
| 1.78 | 9.0 | 16.0 | 984 | 20.29 | 25.08 | 653 | 15.88 | 18.76 | 489 | 12.86 | 14.93 | — | — | — | 19.0 | 22.0 | 24.1 |
| 1.80 | 5.0 | 9.0 | 972 | 4.37 | 8.33 | 644 | 3.79 | 6.34 | 483 | 3.26 | 5.14 | 15.8 | 20.4 | 24.4 | 27.9 | 30.9 | 32.9 |
| 1.80 | 10.0 | 18.0 | 972 | 23.60 | 28.69 | 644 | 18.64 | 21.64 | 483 | 15.13 | 17.26 | — | — | — | — | 19.5 | 21.6 |
| 1.82 | 5.5 | 10.0 | 963 | 6.59 | 10.62 | 638 | 5.40 | 7.98 | 479 | 4.52 | 6.41 | 14.6 | 19.1 | 23.2 | 26.7 | 29.7 | 31.7 |
| 1.82 | 11.0 | 20.0 | 963 | 26.59 | 32.05 | 638 | 21.30 | 24.43 | 479 | 17.33 | 19.53 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.75** | **0.79** | **0.82** | **0.84** | **0.86** | **0.87** |
| 1.83 | 6.0 | 11.0 | 955 | 8.74 | 12.85 | 633 | 6.97 | 9.59 | 475 | 5.76 | 7.67 | 13.4 | 17.9 | 22.0 | 25.5 | 28.5 | 30.5 |
| 1.85 | 13.0 | 24.0 | 948 | 31.54 | 37.91 | 628 | 26.27 | 29.72 | 471 | 21.56 | 23.92 | — | — | — | — | — | — |
| 1.86 | 7.0 | 13.0 | 942 | 12.87 | 17.16 | 625 | 10.05 | 12.74 | 468 | 8.19 | 10.15 | — | 15.5 | 19.5 | 23.0 | 26.1 | 28.1 |
| 1.87 | 7.5 | 14.0 | 938 | 14.83 | 19.23 | 621 | 11.55 | 14.28 | 466 | 9.39 | 11.37 | — | — | 18.3 | 21.8 | 24.9 | 26.9 |
| 1.88 | 8.5 | 16.0 | 930 | 18.57 | 23.21 | 616 | 14.48 | 17.30 | 462 | 11.73 | 13.77 | — | — | — | 19.3 | 22.4 | 24.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.73** | **0.78** | **0.81** | **0.83** | **0.85** | **0.86** |
| 1.88 | 16.0 | 30.0 | + | + | + | 619 | 32.76 | 36.84 | 464 | 27.44 | 30.11 | — | — | — | — | — | — |
| 1.89 | 9.5 | 18.0 | 924 | 22.01 | 26.95 | 612 | 17.30 | 20.23 | 459 | 14.02 | 16.11 | — | — | — | — | 19.9 | 21.9 |
| 1.90 | 5.0 | 9.5 | 921 | 4.40 | 8.36 | 611 | 3.81 | 6.36 | 458 | 3.27 | 5.15 | 15.4 | 19.9 | 24.0 | 27.5 | 30.5 | 32.5 |
| 1.90 | 10.5 | 20.0 | 919 | 25.16 | 30.43 | 609 | 20.01 | 23.07 | 457 | 16.25 | 18.41 | — | — | — | — | — | — |
| 1.91 | 5.5 | 10.5 | 917 | 6.61 | 10.64 | 608 | 5.41 | 7.99 | 456 | 4.53 | 6.43 | 14.2 | 18.7 | 22.7 | 26.3 | 29.3 | 31.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.81** | **0.84** | **0.86** | **0.87** |
| 1.93 | 14.0 | 27.0 | 907 | 33.48 | 40.40 | 601 | 28.58 | 32.21 | 451 | 23.59 | 26.05 | — | — | — | — | — | — |
| 2.00 | 5.0 | 10.0 | 875 | 4.43 | 8.38 | 580 | 3.83 | 6.37 | 435 | 3.29 | 5.16 | 15.0 | 19.5 | 23.5 | 27.1 | 30.1 | 32.1 |
| 2.00 | 5.5 | 11.0 | 875 | 6.64 | 10.66 | 580 | 5.43 | 8.00 | 435 | 4.54 | 6.44 | 13.7 | 18.3 | 22.3 | 25.8 | 28.9 | 30.9 |
| 2.00 | 6.0 | 12.0 | 875 | 8.79 | 12.89 | 580 | 7.00 | 9.61 | 435 | 5.78 | 7.69 | 12.5 | 17.0 | 21.1 | 24.6 | 27.7 | 29.7 |
| 2.00 | 7.0 | 14.0 | 875 | 12.90 | 17.19 | 580 | 10.08 | 12.76 | 435 | 8.21 | 10.17 | — | — | 18.6 | 22.2 | 25.2 | 27.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.74** | **0.78** | **0.81** | **0.84** | **0.85** | **0.87** |
| 2.00 | 8.0 | 16.0 | 875 | 16.77 | 21.28 | 580 | 13.05 | 15.82 | 435 | 10.58 | 12.59 | — | — | — | 19.7 | 22.7 | 24.8 |
| 2.00 | 9.0 | 18.0 | 875 | 20.36 | 25.13 | 580 | 15.92 | 18.79 | 435 | 12.90 | 14.96 | — | — | — | — | 20.2 | 22.3 |
| 2.00 | 10.0 | 20.0 | 875 | 23.65 | 28.74 | 580 | 18.68 | 21.67 | 435 | 15.16 | 17.28 | — | — | — | — | — | 19.8 |
| 2.00 | 12.0 | 24.0 | 875 | 29.29 | 35.17 | 580 | 23.88 | 27.15 | 435 | 19.50 | 21.77 | — | — | — | — | — | — |
| 2.08 | 13.0 | 27.0 | 843 | 31.60 | 37.96 | 559 | 26.30 | 27.95 | 419 | 21.59 | 23.95 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.81** | **0.83** | **0.84** |
| 2.10 | 5.0 | 10.5 | 833 | 4.44 | 8.39 | 552 | 3.84 | 6.38 | 414 | 3.30 | 5.17 | 14.5 | 19.1 | 23.1 | 26.6 | 29.6 | 31.7 |
| 2.11 | 9.5 | 20.0 | 831 | 22.06 | 26.99 | 551 | 17.33 | 20.26 | 413 | 14.04 | 16.13 | — | — | — | — | — | 20.1 |
| 2.12 | 8.5 | 18.0 | 826 | 18.62 | 23.25 | 548 | 14.51 | 17.33 | 411 | 11.76 | 13.79 | — | — | — | — | 20.6 | 22.6 |
| 2.13 | 7.5 | 16.0 | 820 | 14.89 | 19.28 | 544 | 11.59 | 14.32 | 408 | 9.42 | 11.39 | — | — | 16.4 | 20.0 | 23.1 | 25.1 |
| 2.14 | 14.0 | 30.0 | 817 | 33.53 | 40.43 | 541 | 28.61 | 32.24 | 406 | 23.61 | 26.07 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | | | | | | |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 61.3 | 68.3 | 75.8 | 79.3 | 94.3 | 108.3 | 138.3 | 168.3 | 198.3 | 6.0 | 9.5 | 1.58 |
| 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 | 63.2 | 70.2 | 77.7 | 81.2 | 96.2 | 110.2 | 140.2 | 170.2 | 200.2 | 5.0 | 8.0 | 1.60 |
| 31.1 | 34.1 | 38.6 | 42.1 | 46.1 | 50.1 | 58.1 | 65.1 | 72.6 | 76.1 | 91.1 | 105.1 | 135.1 | 165.1 | 195.1 | 7.5 | 12.0 | 1.60 |
| 25.9 | 28.9 | 33.4 | 36.9 | 40.9 | 44.9 | 52.9 | 60.0 | 67.5 | 71.0 | 86.0 | 100.0 | 130.0 | 160.0 | 190.0 | 10.0 | 16.0 | 1.60 |
| 29.9 | 32.9 | 37.4 | 40.9 | 44.9 | 48.9 | 56.9 | 63.9 | 71.4 | 74.9 | 89.9 | 103.9 | 133.9 | 163.9 | 193.9 | 8.0 | 13.0 | 1.63 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 35.0 | 38.0 | 42.5 | 46.0 | 50.0 | 54.0 | 62.0 | 69.0 | 76.5 | 80.0 | 95.0 | 109.0 | 139.1 | 169.1 | 199.1 | 5.5 | 9.0 | 1.64 |
| 23.4 | 26.4 | 31.0 | 34.5 | 38.5 | 42.5 | 50.6 | 57.6 | 65.1 | 68.6 | 83.6 | 97.6 | 127.6 | 157.6 | 187.6 | 11.0 | 18.0 | 1.64 |
| 28.6 | 31.7 | 36.2 | 39.7 | 43.7 | 47.7 | 55.7 | 62.7 | 70.2 | 73.7 | 88.7 | 102.7 | 132.7 | 162.8 | 192.8 | 8.5 | 14.0 | 1.65 |
| 33.8 | 36.8 | 41.3 | 44.8 | 48.8 | 52.8 | 60.9 | 67.9 | 75.4 | 78.9 | 93.9 | 107.9 | 137.9 | 167.9 | 197.9 | 6.0 | 10.0 | 1.67 |
| 20.9 | 24.0 | 28.5 | 32.1 | 36.1 | 40.1 | 48.2 | 55.2 | 62.7 | 66.2 | 81.2 | 95.2 | 125.3 | 155.3 | 185.3 | 12.0 | 20.0 | 1.67 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 26.2 | 29.2 | 33.8 | 37.3 | 41.3 | 45.3 | 53.3 | 60.3 | 67.8 | 71.3 | 86.4 | 100.4 | 130.4 | 160.4 | 190.4 | 9.5 | 16.0 | 1.68 |
| — | — | — | — | 27.1 | 31.2 | 39.3 | 46.4 | 53.9 | 57.4 | 72.5 | 86.5 | 116.5 | 146.6 | 176.6 | 16.0 | 27.0 | 1.69 |
| 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 | 62.8 | 69.8 | 77.3 | 80.8 | 95.8 | 109.8 | 139.8 | 169.8 | 199.8 | 5.0 | 8.5 | 1.70 |
| 31.4 | 34.4 | 38.9 | 42.5 | 46.5 | 50.5 | 58.5 | 65.5 | 73.0 | 76.5 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 7.0 | 12.0 | 1.71 |
| 23.8 | 26.8 | 31.3 | 34.9 | 38.9 | 42.9 | 50.9 | 57.9 | 65.5 | 69.0 | 84.0 | 98.0 | 128.0 | 158.0 | 188.0 | 10.5 | 18.0 | 1.71 |
| **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.97** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| — | — | 23.6 | 27.1 | 31.2 | 35.3 | 43.3 | 50.4 | 57.9 | 61.4 | 76.4 | 90.5 | 120.5 | 150.5 | 180.5 | 14.0 | 24.0 | 1.71 |
| 34.6 | 37.6 | 42.1 | 45.6 | 49.6 | 53.6 | 61.6 | 68.6 | 76.1 | 79.6 | 94.6 | 108.7 | 138.7 | 168.7 | 198.7 | 5.5 | 9.5 | 1.73 |
| 30.2 | 33.2 | 37.7 | 41.3 | 45.3 | 49.3 | 57.3 | 64.3 | 71.8 | 75.3 | 90.3 | 104.3 | 134.3 | 164.3 | 194.3 | 7.5 | 13.0 | 1.73 |
| 33.4 | 36.4 | 40.9 | 44.4 | 48.4 | 52.4 | 60.4 | 67.5 | 75.0 | 78.5 | 93.5 | 107.5 | 137.5 | 167.5 | 197.5 | 6.0 | 10.5 | 1.75 |
| 29.0 | 32.0 | 36.5 | 40.1 | 44.1 | 48.1 | 56.1 | 63.1 | 70.6 | 74.1 | 89.1 | 103.1 | 133.1 | 163.1 | 193.1 | 8.0 | 14.0 | 1.75 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 26.6 | 29.6 | 34.1 | 37.7 | 41.7 | 45.7 | 53.7 | 60.7 | 68.2 | 71.7 | 86.7 | 100.8 | 130.8 | 160.8 | 190.8 | 9.0 | 16.0 | 1.78 |
| 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 | 62.4 | 69.4 | 76.9 | 80.4 | 95.4 | 109.4 | 139.4 | 169.4 | 199.4 | 5.0 | 9.0 | 1.80 |
| 24.1 | 27.2 | 31.7 | 35.2 | 39.3 | 43.3 | 51.3 | 58.3 | 65.8 | 69.3 | 84.4 | 98.4 | 128.4 | 158.4 | 188.4 | 10.0 | 18.0 | 1.80 |
| 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 61.2 | 68.2 | 75.7 | 79.2 | 94.2 | 108.3 | 138.3 | 168.3 | 198.3 | 5.5 | 10.0 | 1.82 |
| 21.6 | 24.7 | 29.3 | 32.8 | 36.8 | 40.9 | 48.9 | 55.9 | 63.4 | 67.0 | 82.0 | 96.0 | 126.0 | 156.0 | 186.0 | 11.0 | 20.0 | 1.82 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| 33.0 | 36.0 | 40.5 | 44.0 | 48.0 | 52.0 | 60.0 | 67.1 | 74.6 | 78.1 | 93.1 | 107.1 | 137.1 | 167.1 | 197.1 | 6.0 | 11.0 | 1.83 |
| — | — | 24.3 | 27.8 | 31.9 | 36.0 | 44.0 | 51.1 | 58.6 | 62.1 | 77.2 | 91.2 | 121.3 | 151.3 | 181.3 | 13.0 | 24.0 | 1.85 |
| 30.6 | 33.6 | 38.1 | 41.6 | 45.6 | 49.7 | 57.7 | 64.7 | 72.2 | 75.7 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 7.0 | 13.0 | 1.86 |
| 29.4 | 32.4 | 36.9 | 40.4 | 44.4 | 48.5 | 56.5 | 63.5 | 71.0 | 74.5 | 89.5 | 103.5 | 133.5 | 163.5 | 193.5 | 7.5 | 14.0 | 1.87 |
| 26.9 | 30.0 | 34.5 | 38.0 | 42.0 | 46.1 | 54.1 | 61.1 | 68.6 | 72.1 | 87.1 | 101.1 | 131.2 | 161.2 | 191.2 | 8.5 | 16.0 | 1.88 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.23** | | | |
| — | — | — | — | — | 28.5 | 36.7 | 43.8 | 51.3 | 54.9 | 70.0 | 84.0 | 114.1 | 144.2 | 174.2 | 16.0 | 30.0 | 1.88 |
| 24.5 | 27.5 | 32.1 | 35.6 | 39.6 | 43.6 | 51.7 | 58.7 | 66.2 | 69.7 | 84.7 | 98.8 | 128.8 | 158.8 | 188.8 | 9.5 | 18.0 | 1.89 |
| 35.0 | 38.0 | 42.5 | 46.0 | 50.0 | 54.0 | 62.0 | 69.0 | 76.5 | 80.0 | 95.0 | 109.0 | 139.0 | 169.0 | 199.0 | 5.0 | 9.5 | 1.90 |
| 22.0 | 25.0 | 29.6 | 33.2 | 37.2 | 41.2 | 49.3 | 56.3 | 63.8 | 67.3 | 82.4 | 96.4 | 126.4 | 156.4 | 186.4 | 10.5 | 20.0 | 1.90 |
| 33.8 | 36.8 | 41.3 | 44.8 | 48.8 | 52.8 | 60.8 | 67.8 | 75.3 | 78.8 | 93.9 | 107.9 | 137.9 | 167.9 | 197.9 | 5.5 | 10.5 | 1.91 |
| **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.24** | | | |
| — | — | — | — | 28.5 | 32.6 | 40.7 | 47.8 | 55.4 | 58.9 | 74.0 | 88.0 | 118.1 | 148.1 | 178.1 | 14.0 | 27.0 | 1.93 |
| 34.6 | 37.6 | 42.1 | 45.6 | 49.6 | 53.6 | 61.6 | 68.6 | 76.1 | 79.6 | 94.6 | 108.6 | 138.6 | 168.7 | 198.7 | 5.0 | 10.0 | 2.00 |
| 33.4 | 36.4 | 40.9 | 44.4 | 48.4 | 52.4 | 60.4 | 67.4 | 74.9 | 78.4 | 93.5 | 107.5 | 137.5 | 167.5 | 167.5 | 5.5 | 11.0 | 2.00 |
| 32.2 | 35.2 | 39.7 | 43.2 | 47.2 | 51.2 | 59.2 | 66.2 | 73.8 | 77.3 | 92.3 | 106.3 | 136.3 | 166.3 | 196.3 | 6.0 | 12.0 | 2.00 |
| 29.8 | 32.8 | 37.3 | 40.8 | 44.8 | 48.8 | 56.8 | 63.9 | 71.4 | 74.9 | 89.9 | 103.9 | 133.9 | 163.9 | 193.9 | 7.0 | 14.0 | 2.00 |
| **0.88** | **0.89** | **0.92** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.11** | **1.16** | **1.20** | **1.23** | | | |
| 27.3 | 30.3 | 34.9 | 38.4 | 42.4 | 46.4 | 54.5 | 61.5 | 69.0 | 72.5 | 87.5 | 101.5 | 131.5 | 161.6 | 191.6 | 8.0 | 16.0 | 2.00 |
| 24.8 | 27.9 | 32.4 | 36.0 | 40.0 | 44.0 | 52.0 | 59.1 | 66.6 | 70.1 | 85.1 | 99.1 | 129.2 | 159.2 | 189.2 | 9.0 | 18.0 | 2.00 |
| 22.3 | 25.4 | 30.0 | 33.5 | 37.6 | 41.6 | 49.6 | 56.7 | 64.2 | 67.7 | 82.7 | 96.8 | 126.8 | 186.8 | 186.8 | 10.0 | 20.0 | 2.00 |
| — | — | 25.0 | 28.5 | 32.6 | 36.7 | 44.8 | 51.8 | 59.4 | 62.9 | 77.9 | 92.0 | 122.0 | 152.1 | 182.1 | 12.0 | 24.0 | 2.00 |
| — | — | — | 25.1 | 29.2 | 33.3 | 41.4 | 48.5 | 56.1 | 59.6 | 74.7 | 88.8 | 118.8 | 148.9 | 178.9 | 13.0 | 27.0 | 2.08 |
| **0.86** | **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.98** | **1.00** | **1.03** | **1.03** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 | 61.2 | 68.2 | 75.7 | 79.2 | 94.2 | 108.2 | 138.2 | 168.3 | 198.3 | 5.0 | 10.5 | 2.10 |
| 22.7 | 25.7 | 30.3 | 33.9 | 37.9 | 42.0 | 50.0 | 57.0 | 64.6 | 68.1 | 83.1 | 97.1 | 127.2 | 157.2 | 187.2 | 9.5 | 20.0 | 2.11 |
| 25.2 | 28.2 | 32.8 | 36.3 | 40.4 | 44.4 | 52.4 | 59.4 | 67.0 | 70.5 | 85.5 | 99.5 | 129.5 | 159.6 | 189.6 | 8.5 | 18.0 | 2.12 |
| 27.7 | 30.7 | 35.2 | 38.8 | 42.8 | 46.8 | 54.8 | 61.8 | 69.4 | 72.9 | 87.9 | 101.9 | 131.9 | 161.9 | 191.9 | 7.5 | 16.0 | 2.13 |
| — | — | — | — | — | 29.8 | 38.1 | 45.2 | 52.8 | 56.3 | 71.4 | 85.5 | 115.6 | 145.7 | 175.7 | 14.0 | 30.0 | 2.14 |
| **0.88** | **0.89** | **0.91** | **0.93** | **0.95** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.08** | **1.10** | **1.16** | **1.20** | **1.23** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 2.17 | 6.0 | 13.0 | 808 | 8.82 | 12.91 | 535 | 7.02 | 9.63 | 402 | 5.79 | 7.71 | — | 16.1 | 20.2 | 23.8 | 26.8 | 28.8 |
| 2.18 | 5.5 | 12.0 | 802 | 6.67 | 10.68 | 532 | 5.45 | 8.02 | 399 | 4.56 | 6.45 | 12.8 | 17.4 | 21.5 | 25.0 | 28.0 | 30.0 |
| 2.18 | 11.0 | 24.0 | 802 | 26.67 | 32.12 | 532 | 21.36 | 24.48 | 399 | 17.37 | 19.56 | — | — | — | — | — | — |
| 2.20 | 5.0 | 11.0 | 795 | 4.46 | 8.41 | 527 | 3.85 | 6.39 | 395 | 3.30 | 5.18 | 14.1 | 18.6 | 22.7 | 26.2 | 29.2 | 31.2 |
| 2.22 | 9.0 | 20.0 | 788 | 20.39 | 25.16 | 522 | 15.94 | 18.81 | 392 | 12.92 | 14.97 | — | — | — | — | — | 20.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.71** | **0.77** | **0.80** | **0.83** | **0.85** | **0.86** |
| 2.25 | 8.0 | 18.0 | 778 | 16.81 | 21.31 | 516 | 13.08 | 15.84 | 387 | 10.60 | 12.60 | — | — | — | 17.8 | 20.9 | 23.0 |
| 2.25 | 12.0 | 27.0 | 778 | 29.33 | 35.20 | 516 | 23.90 | 27.17 | 387 | 19.52 | 21.79 | — | — | — | — | — | — |
| 2.25 | 16.0 | 36.0 | + | + | + | 516 | 32.81 | 36.88 | 387 | 27.47 | 30.14 | — | — | — | — | — | — |
| 2.29 | 7.0 | 16.0 | 766 | 12.95 | 17.23 | 508 | 10.11 | 12.79 | 381 | 8.23 | 10.19 | — | — | 16.8 | 20.4 | 23.5 | 25.5 |
| 2.29 | 10.5 | 24.0 | 766 | 25.23 | 30.49 | 508 | 20.05 | 23.10 | 381 | 16.29 | 18.44 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.77** | **0.80** | **0.83** | **0.84** |
| 2.31 | 13.0 | 30.0 | 758 | 31.63 | 37.98 | 503 | 26.33 | 29.77 | 377 | 21.60 | 23.96 | — | — | — | — | — | — |
| 2.33 | 6.0 | 14.0 | 750 | 8.83 | 12.93 | 497 | 7.04 | 9.64 | 373 | 5.80 | 7.71 | — | 15.2 | 19.3 | 22.9 | 25.9 | 28.0 |
| 2.35 | 8.5 | 20.0 | 744 | 18.65 | 23.28 | 493 | 14.53 | 17.35 | 370 | 11.77 | 13.80 | — | — | — | — | — | 20.8 |
| 2.36 | 5.5 | 13.0 | 740 | 6.69 | 10.70 | 491 | 5.46 | 8.03 | 368 | 4.57 | 6.46 | 11.8 | 16.5 | 20.6 | 24.1 | 27.2 | 29.2 |
| 2.40 | 5.0 | 12.0 | 729 | 4.48 | 8.42 | 483 | 3.87 | 6.40 | 363 | 3.31 | 5.19 | 13.1 | 17.8 | 21.8 | 25.4 | 28.4 | 30.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.70** | **0.75** | **0.79** | **0.82** | **0.84** | **0.85** |
| 2.40 | 7.5 | 18.0 | 729 | 14.92 | 19.31 | 483 | 11.61 | 14.33 | 363 | 9.43 | 11.41 | — | — | — | 18.2 | 21.3 | 23.3 |
| 2.40 | 10.0 | 24.0 | 729 | 23.71 | 28.79 | 483 | 18.72 | 21.70 | 363 | 15.18 | 17.30 | — | — | — | — | — | — |
| 2.45 | 11.0 | 27.0 | 713 | 26.70 | 32.14 | 473 | 21.38 | 24.49 | 354 | 17.39 | 19.57 | — | — | — | — | — | — |
| 2.50 | 8.0 | 20.0 | 700 | 16.83 | 21.33 | 464 | 13.09 | 15.86 | 348 | 10.61 | 12.61 | — | — | — | — | 19.0 | 21.1 |
| 2.50 | 12.0 | 30.0 | 700 | 29.35 | 35.22 | 464 | 23.92 | 27.19 | 348 | 19.53 | 21.80 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.78** | **0.81** | **0.83** |
| 2.53 | 9.5 | 24.0 | 693 | 22.11 | 27.02 | 459 | 17.36 | 20.28 | 344 | 14.07 | 16.15 | — | — | — | — | — | — |
| 2.55 | 5.5 | 14.0 | 688 | 6.70 | 10.71 | 456 | 5.47 | 8.04 | 342 | 4.57 | 6.46 | — | 15.6 | 19.7 | 23.2 | 26.3 | 28.3 |
| 2.57 | 7.0 | 18.0 | 681 | 12.97 | 17.25 | 451 | 10.12 | 12.80 | 338 | 8.24 | 10.19 | — | — | — | 18.5 | 21.6 | 23.7 |
| 2.57 | 10.5 | 27.0 | 681 | 25.25 | 30.51 | 451 | 20.07 | 23.12 | 338 | 16.30 | 18.45 | — | — | — | — | — | — |
| 2.57 | 14.0 | 36.0 | 681 | 33.57 | 40.47 | 451 | 28.63 | 32.26 | 338 | 23.64 | 26.08 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.74** | **0.78** | **0.81** | **0.83** | **0.85** |
| 2.60 | 5.0 | 13.0 | 673 | 4.50 | 8.44 | 446 | 3.87 | 6.41 | 335 | 3.32 | 5.19 | 12.2 | 16.8 | 20.9 | 24.5 | 27.5 | 29.5 |
| 2.67 | 6.0 | 16.0 | 656 | 8.86 | 12.95 | 435 | 7.05 | 9.65 | 326 | 5.82 | 7.72 | — | — | 17.5 | 21.1 | 24.2 | 26.2 |
| 2.67 | 7.5 | 20.0 | 656 | 14.94 | 19.32 | 435 | 11.63 | 14.34 | 326 | 9.44 | 11.41 | — | — | — | — | 19.3 | 21.4 |
| 2.67 | 9.0 | 24.0 | 656 | 20.43 | 25.19 | 435 | 15.97 | 18.83 | 326 | 12.93 | 14.99 | — | — | — | — | — | — |
| 2.70 | 10.0 | 27.0 | 648 | 23.73 | 28.81 | 430 | 18.73 | 21.72 | 322 | 15.19 | 17.31 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.69** | **0.75** | **0.79** | **0.82** | **0.84** | **0.85** |
| 2.73 | 11.0 | 30.0 | 642 | 26.72 | 32.16 | 425 | 21.39 | 24.50 | 319 | 17.39 | 19.58 | — | — | — | — | — | — |
| 2.75 | 16.0 | 44.0 | + | + | + | 422 | 32.83 | 36.90 | 316 | 27.49 | 30.16 | — | — | — | — | — | — |
| 2.77 | 13.0 | 36.0 | 632 | 31.66 | 38.01 | 419 | 26.35 | 29.78 | 314 | 21.62 | 23.97 | — | — | — | — | — | — |
| 2.80 | 5.0 | 14.0 | 625 | 4.51 | 8.44 | 414 | 3.88 | 6.42 | 311 | 3.33 | 5.20 | — | 15.9 | 20.0 | 23.6 | 26.6 | 28.7 |
| 2.82 | 8.5 | 24.0 | 620 | 18.68 | 23.30 | 411 | 14.55 | 17.36 | 308 | 11.79 | 13.81 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.74** | **0.78** | **0.81** | **0.83** | **0.85** |
| 2.84 | 9.5 | 27.0 | 616 | 22.12 | 27.04 | 408 | 17.37 | 20.29 | 306 | 14.07 | 16.16 | — | — | — | — | — | — |
| 2.86 | 7.0 | 20.0 | 613 | 12.99 | 17.26 | 406 | 10.13 | 12.81 | 305 | 8.25 | 10.20 | — | — | — | — | 19.7 | 21.8 |
| 2.86 | 10.5 | 30.0 | 613 | 25.27 | 30.52 | 406 | 20.08 | 23.12 | 305 | 16.30 | 18.46 | — | — | — | — | — | — |
| 2.91 | 5.5 | 16.0 | 602 | 6.72 | 10.73 | 399 | 5.49 | 8.05 | 299 | 4.58 | 6.47 | — | — | 17.8 | 21.4 | 24.5 | 26.5 |
| 3.00 | 6.0 | 18.0 | 583 | 8.87 | 12.96 | 387 | 7.06 | 9.66 | 290 | 5.82 | 7.73 | — | — | — | 19.2 | 22.3 | 24.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.76** | **0.79** | **0.82** | **0.83** |
| 3.00 | 8.0 | 24.0 | 583 | 16.85 | 21.35 | 387 | 13.11 | 15.87 | 290 | 10.63 | 12.62 | — | — | — | — | — | — |
| 3.00 | 9.0 | 27.0 | 583 | 20.44 | 25.20 | 387 | 15.98 | 18.84 | 290 | 12.94 | 15.00 | — | — | — | — | — | — |
| 3.00 | 10.0 | 30.0 | 583 | 23.74 | 28.82 | 387 | 18.74 | 21.72 | 290 | 15.20 | 17.32 | — | — | — | — | — | — |
| 3.00 | 12.0 | 36.0 | 583 | 29.38 | 35.24 | 387 | 23.93 | 27.20 | 290 | 19.54 | 21.81 | — | — | — | — | — | — |
| 3.13 | 16.0 | 50.0 | + | + | + | 371 | 32.84 | 36.91 | 278 | 27.50 | 30.17 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 3.14 | 14.0 | 44.0 | 557 | 33.59 | 40.49 | 369 | 28.65 | 32.27 | 277 | 23.65 | 26.09 | — | — | — | — | — | — |
| 3.16 | 9.5 | 30.0 | 554 | 22.14 | 27.05 | 367 | 17.38 | 20.30 | 276 | 14.08 | 16.16 | — | — | — | — | — | — |
| 3.18 | 8.5 | 27.0 | 551 | 18.69 | 23.31 | 365 | 14.56 | 17.37 | 274 | 11.79 | 13.82 | — | — | — | — | — | — |
| 3.20 | 5.0 | 16.0 | 547 | 4.52 | 8.46 | 363 | 3.89 | 6.42 | 272 | 3.33 | 5.20 | — | — | 18.1 | 21.8 | 24.8 | 26.9 |
| 3.20 | 7.5 | 24.0 | 547 | 14.96 | 19.34 | 363 | 11.64 | 14.35 | 272 | 9.45 | 11.42 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.76** | **0.79** | **0.82** | **0.83** |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| 31.3 | 34.3 | 38.9 | 42.4 | 46.4 | 50.4 | 58.4 | 65.4 | 72.9 | 76.4 | 91.5 | 105.5 | 135.5 | 165.5 | 195.5 | 6.0 | 13.0 | 2.17 |
| 32.5 | 35.6 | 40.1 | 43.6 | 47.6 | 51.6 | 59.6 | 66.6 | 74.1 | 77.6 | 92.6 | 106.7 | 136.7 | 166.7 | 196.7 | 5.5 | 12.0 | 2.18 |
| — | — | 25.6 | 29.2 | 33.3 | 37.4 | 45.5 | 52.6 | 60.1 | 63.6 | 78.7 | 92.7 | 122.8 | 152.8 | 182.8 | 11.0 | 24.0 | 2.18 |
| 33.8 | 36.8 | 41.3 | 44.8 | 48.8 | 52.8 | 60.8 | 67.8 | 75.3 | 78.8 | 93.8 | 107.8 | 137.9 | 167.9 | 197.9 | 5.0 | 11.0 | 2.20 |
| 23.0 | 26.1 | 30.7 | 34.2 | 38.3 | 42.3 | 50.4 | 57.4 | 64.9 | 68.5 | 83.5 | 97.5 | 127.6 | 157.6 | 187.6 | 9.0 | 20.0 | 2.22 |
| **0.87** | **0.89** | **0.91** | **0.93** | **0.94** | **0.96** | **0.99** | **1.01** | **1.03** | **1.04** | **1.07** | **1.10** | **1.16** | **1.20** | **1.23** | | | |
| 25.5 | 28.6 | 33.2 | 36.7 | 40.7 | 44.8 | 52.8 | 59.8 | 67.3 | 70.9 | 85.9 | 99.9 | 129.9 | 160.0 | 190.0 | 8.0 | 18.0 | 2.25 |
| — | — | — | 25.7 | 29.9 | 34.0 | 42.2 | 49.2 | 56.8 | 60.4 | 75.4 | 89.5 | 119.6 | 149.6 | 179.7 | 12.0 | 27.0 | 2.25 |
| — | — | — | — | — | — | 31.0 | 38.3 | 46.0 | 49.6 | 64.8 | 79.0 | 109.2 | 139.3 | 169.3 | 16.0 | 36.0 | 2.25 |
| 28.0 | 31.1 | 35.6 | 39.1 | 43.2 | 47.2 | 55.2 | 62.2 | 69.7 | 73.2 | 88.3 | 102.3 | 132.3 | 162.3 | 192.3 | 7.0 | 16.0 | 2.29 |
| — | — | 26.0 | 29.6 | 33.7 | 37.8 | 45.9 | 52.9 | 60.5 | 64.0 | 79.1 | 93.1 | 123.2 | 153.2 | 183.2 | 10.5 | 24.0 | 2.29 |
| **0.86** | **0.87** | **0.90** | **0.91** | **0.93** | **0.95** | **0.98** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| — | — | — | — | 26.3 | 30.5 | 38.7 | 45.9 | 53.5 | 57.0 | 72.2 | 86.3 | 116.4 | 146.4 | 176.5 | 13.0 | 30.0 | 2.31 |
| 30.5 | 33.5 | 38.0 | 41.5 | 45.6 | 49.6 | 57.6 | 64.6 | 72.1 | 75.6 | 90.7 | 104.7 | 134.7 | 164.7 | 194.7 | 6.0 | 14.0 | 2.33 |
| 23.4 | 26.4 | 31.0 | 34.6 | 38.6 | 42.7 | 50.7 | 57.8 | 65.3 | 68.8 | 83.9 | 97.9 | 127.9 | 158.0 | 188.0 | 8.5 | 20.0 | 2.35 |
| 31.7 | 34.7 | 39.2 | 42.8 | 46.8 | 50.8 | 58.8 | 65.8 | 73.3 | 76.8 | 91.8 | 105.9 | 135.9 | 165.9 | 195.9 | 5.5 | 13.0 | 2.36 |
| 32.9 | 35.9 | 40.4 | 44.0 | 48.0 | 52.0 | 60.0 | 67.0 | 74.5 | 78.0 | 93.0 | 107.0 | 137.1 | 167.1 | 197.1 | 5.0 | 12.0 | 2.40 |
| **0.87** | **0.88** | **0.91** | **0.92** | **0.94** | **0.95** | **0.98** | **1.01** | **1.03** | **1.04** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| 25.9 | 28.9 | 33.5 | 37.1 | 41.1 | 45.1 | 53.2 | 60.2 | 67.7 | 71.2 | 86.3 | 100.3 | 130.3 | 160.3 | 190.3 | 7.5 | 18.0 | 2.40 |
| — | 21.6 | 26.3 | 29.9 | 34.0 | 38.1 | 46.2 | 53.3 | 60.8 | 64.4 | 79.4 | 93.5 | 123.5 | 153.6 | 183.6 | 10.0 | 24.0 | 2.40 |
| — | — | — | 26.4 | 30.6 | 34.7 | 42.9 | 50.0 | 57.5 | 61.1 | 76.2 | 90.3 | 120.3 | 150.4 | 180.4 | 11.0 | 27.0 | 2.45 |
| 23.7 | 26.8 | 31.4 | 34.9 | 39.0 | 43.0 | 51.1 | 58.1 | 65.7 | 69.2 | 84.2 | 98.3 | 128.3 | 158.3 | 188.4 | 8.0 | 20.0 | 2.50 |
| — | — | — | — | 27.0 | 31.2 | 39.4 | 46.6 | 54.2 | 57.8 | 72.9 | 87.0 | 117.1 | 147.2 | 177.2 | 12.0 | 30.0 | 2.50 |
| **0.84** | **0.86** | **0.89** | **0.91** | **0.93** | **0.94** | **0.97** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.19** | **1.23** | | | |
| — | 21.9 | 26.7 | 30.3 | 34.4 | 38.5 | 46.6 | 53.6 | 61.2 | 64.7 | 79.8 | 93.9 | 123.9 | 154.0 | 184.0 | 9.5 | 24.0 | 2.53 |
| 30.8 | 33.9 | 38.4 | 41.9 | 45.9 | 50.0 | 58.0 | 65.0 | 72.5 | 76.0 | 91.0 | 105.0 | 135.1 | 165.1 | 195.1 | 5.5 | 14.0 | 2.55 |
| 26.2 | 29.3 | 33.9 | 37.4 | 41.5 | 45.5 | 53.5 | 60.6 | 68.1 | 71.6 | 86.6 | 100.7 | 130.7 | 160.7 | 190.7 | 7.0 | 18.0 | 2.57 |
| — | — | — | 26.7 | 30.9 | 35.0 | 43.2 | 50.3 | 57.9 | 61.4 | 76.6 | 90.6 | 120.7 | 150.8 | 180.8 | 10.5 | 27.0 | 2.57 |
| — | — | — | — | — | — | 32.3 | 39.7 | 47.4 | 51.0 | 66.3 | 80.4 | 110.6 | 140.8 | 170.8 | 14.0 | 36.0 | 2.57 |
| **0.86** | **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.98** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| 32.1 | 35.1 | 39.6 | 43.1 | 47.1 | 51.2 | 59.2 | 66.2 | 73.7 | 77.2 | 92.2 | 106.2 | 136.3 | 166.3 | 196.3 | 5.0 | 13.0 | 2.60 |
| 28.7 | 31.8 | 36.3 | 39.9 | 43.9 | 47.9 | 55.9 | 63.0 | 70.5 | 74.0 | 89.0 | 103.0 | 133.1 | 163.1 | 193.1 | 6.0 | 16.0 | 2.67 |
| 24.0 | 27.1 | 31.7 | 35.3 | 39.4 | 43.4 | 51.5 | 58.5 | 66.1 | 69.6 | 84.6 | 98.7 | 128.7 | 158.7 | 188.7 | 7.5 | 20.0 | 2.67 |
| — | 22.3 | 27.0 | 30.6 | 34.7 | 38.8 | 46.9 | 54.0 | 61.6 | 65.1 | 80.2 | 94.2 | 124.3 | 154.3 | 184.4 | 9.0 | 24.0 | 2.67 |
| — | — | 23.3 | 27.1 | 31.2 | 35.4 | 43.6 | 50.7 | 58.3 | 61.8 | 76.9 | 91.0 | 121.1 | 151.2 | 181.2 | 10.0 | 27.0 | 2.70 |
| **0.87** | **0.88** | **0.90** | **0.92** | **0.94** | **0.95** | **0.98** | **1.00** | **1.03** | **1.04** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| — | — | — | — | 27.6 | 31.8 | 40.1 | 47.3 | 54.9 | 58.5 | 73.6 | 87.7 | 117.9 | 147.9 | 178.0 | 11.0 | 30.0 | 2.73 |
| — | — | — | — | — | — | — | — | 38.3 | 42.0 | 57.6 | 72.0 | 102.4 | 132.6 | 162.7 | 16.0 | 44.0 | 2.75 |
| — | — | — | — | — | — | 33.0 | 40.3 | 48.1 | 51.7 | 67.0 | 81.2 | 111.4 | 141.5 | 171.6 | 13.0 | 36.0 | 2.77 |
| 31.2 | 34.2 | 38.8 | 42.3 | 46.3 | 50.3 | 58.4 | 65.4 | 72.9 | 76.4 | 91.4 | 105.4 | 135.5 | 165.5 | 195.5 | 5.0 | 14.0 | 2.80 |
| — | 22.6 | 27.3 | 31.0 | 35.1 | 39.2 | 47.3 | 54.4 | 61.9 | 65.5 | 80.6 | 94.6 | 124.7 | 154.7 | 184.8 | 8.5 | 24.0 | 2.82 |
| **0.86** | **0.88** | **0.90** | **0.92** | **0.93** | **0.95** | **0.98** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.20** | **1.23** | | | |
| — | — | 23.7 | 27.4 | 31.6 | 35.7 | 43.9 | 51.0 | 58.6 | 62.2 | 77.3 | 91.4 | 121.5 | 151.5 | 181.6 | 9.5 | 27.0 | 2.84 |
| 24.4 | 27.5 | 32.1 | 35.7 | 39.7 | 43.8 | 51.8 | 58.9 | 66.4 | 69.9 | 85.0 | 99.0 | 129.1 | 159.1 | 189.1 | 7.0 | 20.0 | 2.86 |
| — | — | — | — | 27.9 | 32.2 | 40.5 | 47.6 | 55.3 | 58.8 | 74.0 | 88.1 | 118.2 | 148.3 | 178.4 | 10.5 | 30.0 | 2.86 |
| 29.1 | 32.1 | 36.7 | 40.2 | 44.3 | 48.3 | 56.3 | 63.3 | 70.9 | 74.4 | 89.4 | 103.4 | 133.5 | 163.5 | 193.5 | 5.5 | 16.0 | 2.91 |
| 26.9 | 30.0 | 34.6 | 38.1 | 42.2 | 46.2 | 54.3 | 61.3 | 68.8 | 72.4 | 87.4 | 101.4 | 131.5 | 161.5 | 191.5 | 6.0 | 18.0 | 3.00 |
| **0.85** | **0.87** | **0.89** | **0.91** | **0.93** | **0.95** | **0.98** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.19** | **1.23** | | | |
| — | 22.9 | 27.7 | 31.3 | 35.4 | 39.5 | 47.6 | 54.7 | 62.3 | 65.8 | 80.9 | 95.0 | 125.1 | 155.1 | 185.1 | 8.0 | 24.0 | 3.00 |
| — | — | 24.0 | 27.7 | 31.9 | 36.1 | 44.3 | 51.4 | 59.0 | 62.5 | 77.7 | 91.7 | 121.8 | 151.9 | 182.0 | 9.0 | 27.0 | 3.00 |
| — | — | — | — | 28.3 | 32.5 | 40.8 | 48.0 | 55.6 | 59.2 | 74.4 | 88.5 | 118.6 | 148.7 | 178.8 | 10.0 | 30.0 | 3.00 |
| — | — | — | — | — | — | 33.6 | 41.0 | 48.8 | 52.4 | 67.7 | 81.9 | 112.1 | 142.2 | 172.3 | 12.0 | 36.0 | 3.00 |
| — | — | — | — | — | — | — | — | — | — | 51.8 | 66.4 | 97.1 | 127.5 | 157.7 | 16.0 | 50.0 | 3.13 |
| **0.0** | **0.81** | **0.85** | **0.87** | **0.90** | **0.92** | **0.95** | **0.98** | **1.00** | **1.01** | **1.06** | **1.09** | **1.14** | **1.19** | **1.22** | | | |
| — | — | — | — | — | — | — | — | 39.6 | 43.3 | 59.0 | 73.4 | 103.8 | 134.1 | 164.2 | 14.0 | 44.0 | 3.14 |
| — | — | — | 24.3 | 28.6 | 32.8 | 41.2 | 48.3 | 56.0 | 59.5 | 74.7 | 88.8 | 119.0 | 149.1 | 179.1 | 9.5 | 30.0 | 3.16 |
| — | — | 24.3 | 28.0 | 32.2 | 36.4 | 44.6 | 51.7 | 59.3 | 62.9 | 78.0 | 92.1 | 122.2 | 152.3 | 182.3 | 8.5 | 27.0 | 3.18 |
| 29.4 | 32.5 | 37.0 | 40.6 | 44.6 | 48.6 | 56.7 | 63.7 | 71.2 | 74.8 | 89.8 | 103.8 | 133.8 | 163.9 | 193.9 | 5.0 | 16.0 | 3.20 |
| — | 23.2 | 28.0 | 31.6 | 35.8 | 39.9 | 48.0 | 55.1 | 62.7 | 66.2 | 81.3 | 95.4 | 125.4 | 155.5 | 185.5 | 7.5 | 24.0 | 3.20 |
| **0.85** | **0.87** | **0.89** | **0.91** | **0.93** | **0.94** | **0.97** | **1.00** | **1.02** | **1.03** | **1.07** | **1.10** | **1.15** | **1.19** | **1.23** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 3.27 | 5.5 | 18.0 | 535 | 6.73 | 10.74 | 354 | 5.49 | 8.06 | 266 | 4.59 | 6.48 | — | — | — | 19.5 | 22.6 | 24.7 |
| 3.27 | 11.0 | 36.0 | 535 | 26.73 | 32.17 | 354 | 21.40 | 24.51 | 266 | 17.40 | 19.59 | — | — | — | — | — | — |
| 3.33 | 6.0 | 20.0 | 525 | 8.88 | 12.97 | 348 | 7.07 | 9.66 | 261 | 5.83 | 7.73 | — | — | — | — | 20.3 | 22.4 |
| 3.33 | 9.0 | 30.0 | 525 | 20.45 | 25.21 | 348 | 15.98 | 18.85 | 261 | 12.95 | 15.00 | — | — | — | — | — | — |
| 3.38 | 8.0 | 27.0 | 519 | 16.86 | 21.36 | 344 | 13.12 | 15.88 | 258 | 10.63 | 12.63 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.77** | **0.80** | **0.82** |
| 3.38 | 13.0 | 44.0 | 517 | 31.68 | 38.03 | 343 | 26.36 | 29.79 | 257 | 21.63 | 23.98 | — | — | — | — | — | — |
| 3.43 | 7.0 | 24.0 | 510 | 13.00 | 17.27 | 338 | 10.14 | 12.82 | 254 | 8.26 | 10.21 | — | — | — | — | — | — |
| 3.43 | 10.5 | 36.0 | 510 | 25.29 | 30.53 | 338 | 20.09 | 23.13 | 254 | 16.31 | 18.46 | — | — | — | — | — | — |
| 3.53 | 8.5 | 30.0 | 496 | 18.70 | 23.32 | 329 | 14.57 | 17.37 | 247 | 11.80 | 13.82 | — | — | — | — | — | — |
| 3.57 | 14.0 | 50.0 | 490 | 33.60 | 40.50 | 325 | 28.66 | 32.28 | 244 | 23.65 | 26.10 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 3.60 | 5.0 | 18.0 | 486 | 4.53 | 8.46 | 322 | 3.90 | 6.43 | 242 | 3.34 | 5.21 | — | — | 16.1 | 19.8 | 23.0 | 25.0 |
| 3.60 | 7.5 | 27.0 | 486 | 14.97 | 19.35 | 322 | 11.64 | 14.36 | 242 | 9.45 | 11.43 | — | — | — | — | — | — |
| 3.60 | 10.0 | 36.0 | 486 | 23.76 | 28.83 | 322 | 18.75 | 21.73 | 242 | 15.21 | 17.32 | — | — | — | — | — | — |
| 3.64 | 5.5 | 20.0 | 481 | 6.74 | 10.74 | 319 | 5.50 | 8.06 | 239 | 4.59 | 6.48 | — | — | — | 17.4 | 20.6 | 22.8 |
| 3.67 | 12.0 | 44.0 | 477 | 29.39 | 35.25 | 316 | 23.94 | 27.21 | 237 | 19.55 | 21.81 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.72** | **0.77** | **0.80** | **0.82** |
| 3.75 | 8.0 | 30.0 | 467 | 16.87 | 21.36 | 309 | 13.12 | 15.88 | 232 | 10.63 | 12.63 | — | — | — | — | — | — |
| 3.79 | 9.5 | 36.0 | 462 | 22.15 | 27.06 | 306 | 17.38 | 20.30 | 230 | 14.09 | 16.17 | — | — | — | — | — | — |
| 3.85 | 13.0 | 50.0 | 455 | 31.69 | 38.03 | 302 | 26.36 | 29.80 | 226 | 21.63 | 23.98 | — | — | — | — | — | — |
| 3.86 | 7.0 | 27.0 | 454 | 13.01 | 17.28 | 301 | 10.15 | 12.82 | 226 | 8.26 | 10.21 | — | — | — | — | — | — |
| 4.00 | 5.0 | 20.0 | 438 | 4.53 | 8.47 | 290 | 3.90 | 6.43 | 218 | 3.34 | 5.21 | — | — | — | 17.7 | 21.0 | 23.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.74** | **0.77** | **0.79** |
| 4.00 | 6.0 | 24.0 | 438 | 8.89 | 12.98 | 290 | 7.08 | 9.67 | 218 | 5.83 | 7.74 | — | — | — | — | — | — |
| 4.00 | 7.5 | 30.0 | 438 | 14.98 | 19.35 | 290 | 11.65 | 14.36 | 218 | 9.46 | 11.43 | — | — | — | — | — | — |
| 4.00 | 9.0 | 36.0 | 438 | 20.46 | 25.22 | 290 | 15.99 | 18.85 | 218 | 12.95 | 15.00 | — | — | — | — | — | — |
| 4.00 | 11.0 | 44.0 | 438 | 26.75 | 32.18 | 290 | 21.41 | 24.52 | 218 | 17.41 | 19.59 | — | — | — | — | — | — |
| 4.17 | 12.0 | 50.0 | 420 | 29.40 | 35.26 | 278 | 23.95 | 27.21 | 209 | 19.55 | 21.82 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 4.19 | 10.5 | 44.0 | 418 | 25.30 | 30.54 | 277 | 20.10 | 23.14 | 208 | 16.32 | 18.47 | — | — | — | — | — | — |
| 4.24 | 8.5 | 36.0 | 413 | 18.71 | 23.32 | 274 | 14.57 | 17.38 | 205 | 11.80 | 13.82 | — | — | — | — | — | — |
| 4.29 | 7.0 | 30.0 | 408 | 13.01 | 17.28 | 271 | 10.15 | 12.82 | 203 | 8.26 | 10.21 | — | — | — | — | — | — |
| 4.36 | 5.5 | 24.0 | 401 | 6.75 | 10.75 | 266 | 5.50 | 8.06 | 199 | 4.60 | 6.48 | — | — | — | — | — | — |
| 4.40 | 10.0 | 44.0 | 398 | 23.76 | 28.83 | 264 | 18.76 | 21.73 | 198 | 15.21 | 17.32 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 4.50 | 6.0 | 27.0 | 389 | 8.90 | 12.98 | 258 | 7.08 | 9.67 | 193 | 5.83 | 7.74 | — | — | — | — | — | — |
| 4.50 | 8.0 | 36.0 | 389 | 16.88 | 21.37 | 258 | 13.12 | 15.88 | 193 | 10.64 | 12.63 | — | — | — | — | — | — |
| 4.55 | 11.0 | 50.0 | 385 | 26.75 | 32.19 | 255 | 21.41 | 24.52 | 191 | 17.41 | 19.60 | — | — | — | — | — | — |
| 4.63 | 9.5 | 44.0 | 378 | 22.15 | 27.06 | 250 | 17.39 | 20.31 | 188 | 14.09 | 16.17 | — | — | — | — | — | — |
| 4.76 | 10.5 | 50.0 | 368 | 25.30 | 30.55 | 244 | 20.10 | 23.14 | 183 | 16.32 | 18.47 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 4.80 | 5.0 | 24.0 | 365 | 4.54 | 8.47 | 242 | 3.90 | 6.43 | 181 | 3.34 | 5.21 | — | — | — | — | — | — |
| 4.80 | 7.5 | 36.0 | 365 | 14.98 | 19.36 | 242 | 11.65 | 14.36 | 181 | 9.46 | 11.43 | — | — | — | — | — | — |
| 4.89 | 9.0 | 44.0 | 358 | 20.47 | 25.23 | 237 | 16.00 | 18.86 | 178 | 12.95 | 15.01 | — | — | — | — | — | — |
| 4.91 | 5.5 | 27.0 | 356 | 6.75 | 10.75 | 236 | 5.50 | 8.07 | 177 | 4.60 | 6.48 | — | — | — | — | — | — |
| 5.00 | 6.0 | 30.0 | 350 | 8.90 | 12.98 | 232 | 7.08 | 9.67 | 174 | 5.84 | 7.74 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 5.00 | 10.0 | 50.0 | 350 | 23.77 | 28.84 | 232 | 18.76 | 21.74 | 174 | 15.21 | 17.33 | — | — | — | — | — | — |
| 5.14 | 7.0 | 36.0 | 340 | 13.02 | 17.29 | 226 | 10.15 | 12.82 | 169 | 8.27 | 10.21 | — | — | — | — | — | — |
| 5.18 | 8.5 | 44.0 | 338 | 18.71 | 23.33 | 224 | 14.57 | 17.38 | 168 | 11.80 | 13.83 | — | — | — | — | — | — |
| 5.26 | 9.5 | 50.0 | 333 | 22.16 | 27.06 | 220 | 17.39 | 20.31 | 165 | 14.09 | 16.17 | — | — | — | — | — | — |
| 5.40 | 5.0 | 27.0 | 324 | 4.54 | 8.47 | 215 | 3.91 | 6.44 | 161 | 3.34 | 5.21 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 5.45 | 5.5 | 30.0 | 321 | 6.75 | 10.76 | 213 | 5.51 | 8.07 | 160 | 4.60 | 6.48 | — | — | — | — | — | — |
| 5.50 | 8.0 | 44.0 | 318 | 16.88 | 21.37 | 211 | 13.13 | 15.89 | 158 | 10.64 | 12.64 | — | — | — | — | — | — |
| 5.56 | 9.0 | 50.0 | 315 | 20.47 | 25.23 | 209 | 16.00 | 18.86 | 157 | 12.96 | 15.01 | — | — | — | — | — | — |
| 5.87 | 7.5 | 44.0 | 298 | 14.99 | 19.36 | 198 | 11.66 | 14.37 | 148 | 9.46 | 11.43 | — | — | — | — | — | — |
| 5.88 | 8.5 | 50.0 | 298 | 18.71 | 23.33 | 197 | 14.58 | 17.38 | 148 | 11.81 | 13.83 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| 27.3 | 30.3 | 34.9 | 38.5 | 42.5 | 46.6 | 54.6 | 61.7 | 69.2 | 72.7 | 87.8 | 101.8 | 131.8 | 161.9 | 191.9 | 5.5 | 18.0 | 3.27 |
| — | — | — | — | — | — | 34.3 | 41.7 | 49.5 | 53.1 | 68.4 | 82.6 | 112.8 | 143.0 | 173.1 | 11.0 | 36.0 | 3.27 |
| 25.1 | 28.2 | 32.8 | 36.4 | 40.4 | 44.5 | 52.6 | 59.6 | 67.2 | 70.7 | 85.7 | 99.8 | 129.8 | 159.9 | 189.9 | 6.0 | 20.0 | 3.33 |
| — | — | — | 24.6 | 28.9 | 33.2 | 41.5 | 48.7 | 56.3 | 59.9 | 75.1 | 89.2 | 119.4 | 149.5 | 179.5 | 9.0 | 30.0 | 3.33 |
| — | — | 24.6 | 28.4 | 32.6 | 36.7 | 45.0 | 52.1 | 59.7 | 63.2 | 78.4 | 92.5 | 122.6 | 152.7 | 182.7 | 8.0 | 27.0 | 3.39 |
| **0.84** | **0.86** | **0.88** | **0.90** | **0.92** | **0.94** | **0.97** | **0.99** | **1.02** | **1.03** | **1.06** | **1.09** | **1.15** | **1.19** | **1.23** | | | |
| — | — | — | — | — | — | — | 31.9 | 40.2 | 43.9 | 59.7 | 74.1 | 104.5 | 134.8 | 165.0 | 13.0 | 44.0 | 3.38 |
| 20.3 | 23.6 | 28.3 | 32.0 | 36.1 | 40.2 | 48.4 | 55.5 | 63.0 | 66.6 | 81.7 | 95.7 | 125.8 | 155.9 | 185.9 | 7.0 | 24.0 | 3.43 |
| — | — | — | — | — | — | 34.6 | 42.0 | 49.8 | 53.4 | 68.7 | 82.9 | 113.2 | 143.4 | 173.5 | 10.5 | 36.0 | 3.43 |
| — | — | — | 24.9 | 29.2 | 33.5 | 41.8 | 49.0 | 56.7 | 60.3 | 75.4 | 89.6 | 119.7 | 149.8 | 179.9 | 8.5 | 30.0 | 3.53 |
| — | — | — | — | — | — | — | — | — | 36.8 | 53.1 | 67.8 | 98.5 | 128.9 | 159.2 | 14.0 | 50.0 | 3.57 |
| **0.77** | **0.81** | **0.85** | **0.87** | **0.89** | **0.91** | **0.95** | **0.98** | **1.00** | **1.01** | **1.05** | **1.09** | **1.14** | **1.19** | **1.22** | | | |
| 27.6 | 30.7 | 35.3 | 38.8 | 42.9 | 46.9 | 55.0 | 62.0 | 69.6 | 73.1 | 88.1 | 102.2 | 132.2 | 162.3 | 192.3 | 5.0 | 18.0 | 3.60 |
| — | — | 24.9 | 28.7 | 32.9 | 37.1 | 45.3 | 52.4 | 60.1 | 63.6 | 78.8 | 92.8 | 123.0 | 153.0 | 183.1 | 7.5 | 27.0 | 3.60 |
| — | — | — | — | — | — | 34.9 | 42.3 | 50.1 | 53.7 | 69.1 | 83.3 | 113.6 | 143.7 | 173.8 | 10.0 | 36.0 | 3.60 |
| 25.4 | 28.5 | 33.1 | 36.7 | 40.8 | 44.8 | 52.9 | 60.0 | 67.5 | 71.1 | 86.1 | 100.2 | 130.2 | 160.3 | 190.3 | 5.5 | 20.0 | 3.64 |
| — | — | — | — | — | — | — | 32.5 | 40.8 | 44.6 | 60.3 | 74.8 | 105.3 | 135.5 | 165.7 | 12.0 | 44.0 | 3.67 |
| **0.83** | **0.85** | **0.88** | **0.90** | **0.92** | **0.94** | **0.97** | **0.99** | **1.01** | **1.02** | **1.06** | **1.09** | **1.15** | **1.19** | **1.23** | | | |
| — | — | — | 25.2 | 29.6 | 33.8 | 42.2 | 49.4 | 57.0 | 60.6 | 75.8 | 89.9 | 120.1 | 150.2 | 180.3 | 8.0 | 30.0 | 3.75 |
| — | — | — | — | — | — | 35.2 | 42.7 | 50.5 | 54.1 | 69.5 | 83.7 | 113.9 | 144.1 | 174.2 | 9.5 | 36.0 | 3.79 |
| — | — | — | — | — | — | — | — | — | 37.4 | 53.8 | 68.5 | 99.2 | 129.7 | 159.9 | 13.0 | 50.0 | 3.85 |
| — | — | 25.3 | 29.0 | 33.2 | 37.4 | 45.7 | 52.8 | 60.4 | 64.0 | 79.1 | 93.2 | 123.3 | 153.4 | 183.5 | 7.0 | 27.0 | 3.86 |
| 25.7 | 28.8 | 33.5 | 37.1 | 41.1 | 45.2 | 53.3 | 60.3 | 67.9 | 71.4 | 86.5 | 100.5 | 130.6 | 160.6 | 190.7 | 5.0 | 20.0 | 4.00 |
| **0.82** | **0.84** | **0.87** | **0.89** | **0.91** | **0.93** | **0.96** | **0.99** | **1.01** | **1.02** | **1.06** | **1.09** | **1.15** | **1.19** | **1.23** | | | |
| 21.0 | 24.2 | 29.0 | 32.6 | 36.8 | 40.9 | 49.1 | 56.2 | 63.8 | 67.3 | 82.4 | 96.5 | 126.6 | 156.6 | 186.7 | 6.0 | 24.0 | 4.00 |
| — | — | — | 25.5 | 29.9 | 34.1 | 42.5 | 49.7 | 57.4 | 61.0 | 76.2 | 90.3 | 120.5 | 150.6 | 180.6 | 7.5 | 30.0 | 4.00 |
| — | — | — | — | — | — | 35.5 | 43.0 | 50.8 | 54.4 | 69.8 | 84.0 | 114.3 | 144.5 | 174.6 | 9.0 | 36.0 | 4.00 |
| — | — | — | — | — | — | — | 33.1 | 41.5 | 45.2 | 61.0 | 75.4 | 106.0 | 136.3 | 166.4 | 11.0 | 44.0 | 4.00 |
| — | — | — | — | — | — | — | — | 33.9 | 38.0 | 54.4 | 69.1 | 99.9 | 130.4 | 160.6 | 12.0 | 50.0 | 4.17 |
| **0.77** | **0.80** | **0.84** | **0.87** | **0.89** | **0.91** | **0.95** | **0.98** | **1.00** | **1.01** | **1.05** | **1.08** | **1.14** | **1.19** | **1.22** | | | |
| — | — | — | — | — | — | — | 33.5 | 41.8 | 45.6 | 61.4 | 75.8 | 106.3 | 136.6 | 166.8 | 10.5 | 44.0 | 4.19 |
| — | — | — | — | — | 27.0 | 35.9 | 43.3 | 51.2 | 54.8 | 70.2 | 84.4 | 114.7 | 144.8 | 175.0 | 8.5 | 36.0 | 4.24 |
| — | — | — | 25.8 | 30.2 | 34.5 | 42.8 | 50.1 | 57.7 | 61.3 | 76.5 | 90.7 | 120.8 | 151.0 | 181.0 | 7.0 | 30.0 | 4.29 |
| 21.3 | 24.5 | 29.3 | 33.0 | 37.1 | 41.2 | 49.4 | 56.5 | 64.1 | 67.6 | 82.8 | 96.8 | 126.9 | 157.0 | 187.1 | 5.5 | 24.0 | 4.36 |
| — | — | — | — | — | — | — | 33.8 | 42.1 | 45.9 | 61.7 | 76.1 | 106.7 | 137.0 | 167.2 | 10.0 | 44.0 | 4.40 |
| **0.77** | **0.80** | **0.84** | **0.86** | **0.89** | **0.91** | **0.95** | **0.97** | **1.00** | **1.01** | **1.05** | **1.08** | **1.14** | **1.19** | **1.22** | | | |
| — | — | 25.9 | 29.7 | 33.9 | 38.1 | 46.3 | 53.5 | 61.1 | 64.7 | 79.8 | 93.9 | 124.1 | 154.2 | 184.2 | 6.0 | 27.0 | 4.50 |
| — | — | — | — | — | 27.3 | 36.2 | 43.6 | 51.5 | 55.1 | 70.5 | 84.7 | 115.0 | 145.2 | 175.3 | 8.0 | 36.0 | 4.50 |
| — | — | — | — | — | — | — | — | 34.5 | 38.6 | 55.1 | 69.8 | 100.7 | 131.1 | 161.4 | 11.0 | 50.0 | 4.55 |
| — | — | — | — | — | — | — | 34.1 | 42.4 | 46.2 | 62.0 | 76.5 | 107.0 | 137.3 | 167.5 | 9.5 | 44.0 | 4.63 |
| — | — | — | — | — | — | — | — | 34.8 | 38.9 | 55.4 | 70.2 | 101.0 | 131.4 | 161.7 | 10.5 | 50.0 | 4.76 |
| **0.0** | **0.0** | **0.81** | **0.84** | **0.87** | **0.89** | **0.93** | **0.96** | **0.99** | **1.00** | **1.05** | **1.08** | **1.14** | **1.18** | **1.22** | | | |
| 21.6 | 24.9 | 29.7 | 33.3 | 37.5 | 41.6 | 49.8 | 56.9 | 64.5 | 68.0 | 83.1 | 97.2 | 127.3 | 157.4 | 187.4 | 5.0 | 24.0 | 4.80 |
| — | — | — | — | — | 27.6 | 36.5 | 44.0 | 51.8 | 55.5 | 70.9 | 85.1 | 115.4 | 145.6 | 175.7 | 7.5 | 36.0 | 4.80 |
| — | — | — | — | — | — | — | 34.4 | 42.7 | 46.5 | 62.4 | 76.8 | 107.4 | 137.7 | 167.9 | 9.0 | 44.0 | 4.89 |
| — | 21.2 | 26.2 | 30.0 | 34.2 | 38.4 | 46.7 | 53.9 | 61.5 | 65.0 | 80.2 | 94.3 | 124.5 | 154.6 | 184.6 | 5.5 | 27.0 | 4.91 |
| — | — | — | 26.5 | 30.8 | 35.1 | 43.5 | 50.8 | 58.4 | 62.0 | 77.2 | 91.4 | 121.6 | 151.7 | 181.8 | 6.0 | 30.0 | 5.00 |
| **0.76** | **0.80** | **0.84** | **0.86** | **0.89** | **0.91** | **0.95** | **0.98** | **1.00** | **1.01** | **1.05** | **1.08** | **1.14** | **1.18** | **1.22** | | | |
| — | — | — | — | — | — | — | — | 35.1 | 39.2 | 55.7 | 70.5 | 101.4 | 131.8 | 162.1 | 10.0 | 50.0 | 5.00 |
| — | — | — | — | — | 27.9 | 36.8 | 44.3 | 52.2 | 55.8 | 71.2 | 85.4 | 115.8 | 146.0 | 176.1 | 7.0 | 36.0 | 5.14 |
| — | — | — | — | — | — | — | 34.7 | 43.1 | 46.9 | 62.7 | 77.2 | 107.8 | 138.1 | 168.3 | 8.5 | 44.0 | 5.18 |
| — | — | — | — | — | — | — | — | 35.4 | 39.5 | 56.1 | 70.8 | 101.7 | 132.2 | 162.5 | 9.5 | 50.0 | 5.26 |
| — | 21.5 | 26.5 | 30.3 | 34.6 | 38.8 | 47.0 | 54.2 | 61.8 | 65.4 | 80.6 | 94.7 | 124.8 | 154.9 | 185.0 | 5.0 | 27.0 | 5.40 |
| **0.0** | **0.74** | **0.80** | **0.84** | **0.87** | **0.89** | **0.93** | **0.96** | **0.99** | **1.00** | **1.04** | **1.08** | **1.14** | **1.18** | **1.22** | | | |
| — | — | 22.8 | 26.8 | 31.2 | 35.5 | 43.9 | 51.1 | 58.8 | 62.4 | 77.6 | 91.8 | 122.0 | 152.1 | 182.2 | 5.5 | 30.0 | 5.45 |
| — | — | — | — | — | — | — | 35.0 | 43.4 | 47.2 | 63.0 | 77.5 | 108.1 | 138.4 | 168.6 | 8.0 | 44.0 | 5.50 |
| — | — | — | — | — | — | — | — | 35.7 | 39.8 | 56.4 | 71.2 | 102.1 | 132.5 | 162.8 | 9.0 | 50.0 | 5.56 |
| — | — | — | — | — | — | — | 35.3 | 43.7 | 47.5 | 63.4 | 77.9 | 108.5 | 138.8 | 169.0 | 7.5 | 44.0 | 5.87 |
| — | — | — | — | — | — | — | — | 36.0 | 40.1 | 56.7 | 71.5 | 102.4 | 132.9 | 163.2 | 8.5 | 50.0 | 5.88 |
| **0.0** | **0.0** | **0.75** | **0.80** | **0.84** | **0.87** | **0.92** | **0.95** | **0.98** | **0.99** | **1.04** | **1.07** | **1.13** | **1.18** | **1.22** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# C Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1750 RPM Motriz | | | 1160 RPM Motriz | | | 870 RPM Motriz | | | Designación de Largo de Banda C/CX | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | Impuls. RPM | HP por Banda C | HP por Banda CX | 51 | 60 | 68 | 75 | 81 | 85 |
| 6.00 | 5.0 | 30.0 | 292 | 4.54 | 8.48 | 193 | 3.91 | 6.44 | 145 | 3.35 | 5.21 | — | — | — | — | — | — |
| 6.00 | 6.0 | 36.0 | 292 | 8.90 | 12.99 | 193 | 7.08 | 9.68 | 145 | 5.84 | 7.74 | — | — | — | — | — | — |
| 6.25 | 8.0 | 50.0 | 280 | 16.89 | 21.37 | 186 | 13.13 | 15.89 | 139 | 10.64 | 12.64 | — | — | — | — | — | — |
| 6.29 | 7.0 | 44.0 | 278 | 13.02 | 17.29 | 185 | 10.16 | 12.83 | 138 | 8.27 | 10.22 | — | — | — | — | — | — |
| 6.55 | 5.5 | 36.0 | 267 | 6.75 | 10.76 | 177 | 5.51 | 8.07 | 133 | 4.60 | 6.48 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 6.67 | 7.5 | 50.0 | 263 | 14.99 | 19.36 | 174 | 11.66 | 14.37 | 131 | 9.46 | 11.43 | — | — | — | — | — | — |
| 7.14 | 7.0 | 50.0 | 245 | 13.02 | 17.29 | 162 | 10.16 | 12.83 | 122 | 8.27 | 10.22 | — | — | — | — | — | — |
| 7.20 | 5.0 | 36.0 | 243 | 4.55 | 8.48 | 161 | 3.91 | 6.44 | 121 | 3.35 | 5.21 | — | — | — | — | — | — |
| 7.33 | 6.0 | 44.0 | 239 | 8.91 | 12.99 | 158 | 7.08 | 9.68 | 119 | 5.84 | 7.74 | — | — | — | — | — | — |
| 8.00 | 5.5 | 44.0 | 219 | 6.76 | 10.76 | 145 | 5.51 | 8.07 | 109 | 4.60 | 6.49 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| 8.33 | 6.0 | 50.0 | 210 | 8.91 | 12.99 | 139 | 7.09 | 9.68 | 104 | 5.84 | 7.74 | — | — | — | — | — | — |
| 8.80 | 5.0 | 44.0 | 199 | 4.55 | 8.48 | 132 | 3.91 | 6.44 | 99 | 3.35 | 5.21 | — | — | — | — | — | — |
| 9.09 | 5.5 | 50.0 | 193 | 6.76 | 10.76 | 128 | 5.51 | 8.07 | 96 | 4.60 | 6.49 | — | — | — | — | — | — |
| 10.00 | 5.0 | 50.0 | 175 | 4.55 | 8.48 | 116 | 3.91 | 6.44 | 87 | 3.35 | 5.21 | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |

C = BANDA-V ESTÁNDAR
CX = BANDA-V DENTADA/RANURADA
+ SI LA VELOCIDAD DE CORONA EXCEDE LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

# Selección de Transmisión en Existencia C

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda C/CX | | | | | | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 90 | 96 | 105 | 112 | 120 | 128 | 144 | 158 | 173 | 180 | 210 | 240 | 300 | 360 | 420 | | | |
| — | — | 23.1 | 27.1 | 31.5 | 35.8 | 44.2 | 51.4 | 59.1 | 62.7 | 78.0 | 92.1 | 122.3 | 152.4 | 182.5 | 5.0 | 30.0 | 6.00 |
| — | — | — | — | — | 28.5 | 37.5 | 45.0 | 52.8 | 56.5 | 71.9 | 86.2 | 116.5 | 146.7 | 176.8 | 6.0 | 36.0 | 6.00 |
| — | — | — | — | — | — | — | — | 36.3 | 40.4 | 57.0 | 71.8 | 102.8 | 133.2 | 163.5 | 8.0 | 50.0 | 6.25 |
| — | — | — | — | — | — | — | 35.6 | 44.0 | 47.8 | 63.7 | 78.2 | 108.8 | 139.2 | 169.4 | 7.0 | 44.0 | 6.29 |
| — | — | — | — | — | 28.8 | 37.8 | 45.3 | 53.2 | 56.8 | 72.2 | 86.5 | 116.9 | 147.1 | 177.2 | 5.5 | 36.0 | 6.55 |
| **0.0** | **0.0** | **0.74** | **0.79** | **0.84** | **0.87** | **0.91** | **0.95** | **0.98** | **0.99** | **1.04** | **1.07** | **1.13** | **1.18** | **1.22** | | | |
| — | — | — | — | — | — | — | — | 36.6 | 40.7 | 57.4 | 72.2 | 103.1 | 133.6 | 163.9 | 7.5 | 50.0 | 6.67 |
| — | — | — | — | — | — | — | — | 36.9 | 41.1 | 57.7 | 72.5 | 103.4 | 134.0 | 164.3 | 7.0 | 50.0 | 7.14 |
| — | — | — | — | — | 29.1 | 38.1 | 45.6 | 53.5 | 57.1 | 72.6 | 86.9 | 117.2 | 147.4 | 177.6 | 5.0 | 36.0 | 7.20 |
| — | — | — | — | — | — | — | 36.2 | 44.6 | 48.5 | 64.4 | 78.9 | 109.5 | 133.9 | 170.1 | 6.0 | 44.0 | 7.33 |
| — | — | — | — | — | — | — | 36.5 | 45.0 | 48.8 | 64.7 | 79.2 | 109.9 | 140.3 | 170.5 | 5.5 | 44.0 | 8.00 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.87** | **0.91** | **0.95** | **0.96** | **1.02** | **1.06** | **1.12** | **1.17** | **1.21** | | | |
| — | — | — | — | — | — | — | — | 37.5 | 41.7 | 58.3 | 73.2 | 104.1 | 134.7 | 165.0 | 6.0 | 50.0 | 8.33 |
| — | — | — | — | — | — | — | 36.8 | 45.3 | 49.1 | 65.0 | 79.6 | 110.2 | 140.6 | 170.9 | 5.0 | 44.0 | 8.80 |
| — | — | — | — | — | — | — | — | 37.8 | 42.0 | 58.6 | 73.5 | 104.5 | 135.0 | 165.4 | 5.5 | 50.0 | 9.09 |
| — | — | — | — | — | — | — | — | 38.1 | 42.3 | 59.0 | 73.8 | 104.8 | 135.4 | 165.7 | 5.0 | 50.0 | 10.00 |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.82** | **0.91** | **0.99** | **1.03** | **1.10** | **1.16** | **1.20** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1160 RPM Motriz | | 870 RPM Motriz | | 700 RPM Motriz | | | | | | | | | | |
| | | | | | | | | | Designación de Largo de Banda D | | | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impulsada RPM | HP per Banda D | Impulsada RPM | HP por Banda D | Impulsada RPM | HP por Banda D | 120 | 128 | 144 | 158 | 162 | 173 | 180 | 195 | 210 |
| 1.00 | 12.0 | 12.0 | 1160 | 25.69 | 870 | 22.20 | 700 | 19.32 | 42.8 | 46.8 | 54.8 | 61.8 | 63.8 | 69.3 | 72.8 | 80.3 | 87.8 |
| 1.00 | 13.0 | 13.0 | 1160 | 30.21 | 870 | 26.10 | 700 | 22.67 | 41.2 | 45.2 | 53.2 | 60.2 | 62.2 | 67.7 | 71.2 | 78.7 | 86.2 |
| 1.00 | 13.5 | 13.5 | 1160 | 32.39 | 870 | 28.01 | 700 | 24.32 | 40.4 | 44.4 | 52.4 | 59.4 | 61.4 | 66.9 | 70.4 | 77.9 | 85.4 |
| 1.00 | 14.0 | 14.0 | 1160 | 34.50 | 870 | 29.89 | 700 | 25.95 | 39.7 | 43.7 | 51.7 | 58.7 | 60.7 | 66.2 | 69.7 | 77.2 | 84.7 |
| 1.00 | 14.5 | 14.5 | 1160 | 36.55 | 870 | 31.74 | 700 | 27.57 | 38.9 | 42.9 | 50.9 | 57.9 | 59.9 | 65.4 | 68.9 | 76.4 | 83.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.92** | **0.92** | **0.94** | **0.94** | **0.96** | **0.98** |
| 1.00 | 15.0 | 15.0 | 1160 | 38.54 | 870 | 33.56 | 700 | 29.17 | 38.1 | 42.1 | 50.1 | 57.1 | 59.1 | 64.6 | 68.1 | 75.6 | 83.1 |
| 1.00 | 15.5 | 15.5 | 1160 | 40.46 | 870 | 35.34 | 700 | 30.75 | 37.3 | 41.3 | 49.3 | 56.3 | 58.3 | 63.8 | 67.3 | 74.8 | 82.3 |
| 1.00 | 16.0 | 16.0 | 1160 | 42.32 | 870 | 37.10 | 700 | 32.31 | 36.5 | 40.5 | 48.5 | 55.5 | 57.5 | 63.0 | 66.5 | 74.0 | 81.5 |
| 1.00 | 18.0 | 18.0 | 1160 | 49.05 | 870 | 43.80 | 700 | 38.36 | 33.4 | 37.4 | 45.4 | 52.4 | 54.4 | 59.9 | 63.4 | 70.9 | 78.4 |
| 1.00 | 20.0 | 20.0 | 1160 | 54.59 | 870 | 49.95 | 700 | 44.11 | 30.2 | 34.2 | 42.2 | 49.2 | 51.2 | 56.7 | 60.2 | 67.7 | 75.2 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.92** | **0.92** | **0.94** | **0.94** | **0.96** | **0.98** |
| 1.00 | 22.0 | 22.0 | + | + | 870 | 55.52 | 700 | 49.52 | 27.1 | 31.1 | 39.1 | 46.1 | 48.1 | 53.6 | 57.1 | 64.6 | 72.1 |
| 1.03 | 14.5 | 15.0 | 1121 | 37.19 | 841 | 32.21 | 677 | 27.95 | 38.5 | 42.5 | 50.5 | 57.5 | 59.5 | 65.0 | 68.5 | 76.0 | 83.5 |
| 1.03 | 15.0 | 15.5 | 1123 | 39.17 | 842 | 34.03 | 677 | 29.55 | 37.7 | 41.7 | 49.7 | 56.7 | 58.7 | 64.2 | 67.7 | 75.2 | 82.7 |
| 1.03 | 15.5 | 16.0 | 1124 | 41.10 | 843 | 35.82 | 678 | 31.13 | 36.9 | 40.9 | 48.9 | 55.9 | 57.9 | 63.4 | 66.9 | 74.4 | 81.9 |
| 1.04 | 13.0 | 13.5 | 1117 | 31.03 | 838 | 26.72 | 674 | 23.17 | 40.8 | 44.8 | 52.8 | 59.8 | 61.8 | 67.3 | 70.8 | 78.3 | 85.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.92** | **0.92** | **0.94** | **0.94** | **0.96** | **0.98** |
| 1.04 | 13.5 | 14.0 | 1119 | 33.21 | 839 | 28.63 | 675 | 24.82 | 40.1 | 44.1 | 52.1 | 59.1 | 61.1 | 66.6 | 70.1 | 77.6 | 85.1 |
| 1.04 | 14.0 | 14.5 | 1120 | 35.32 | 840 | 30.51 | 676 | 26.45 | 39.3 | 43.3 | 51.3 | 58.3 | 60.3 | 65.8 | 69.3 | 76.8 | 84.3 |
| 1.07 | 13.5 | 14.5 | 1080 | 33.72 | 810 | 29.01 | 652 | 25.13 | 39.7 | 43.7 | 51.7 | 58.7 | 60.7 | 66.2 | 69.7 | 77.2 | 84.7 |
| 1.07 | 14.0 | 15.0 | 1083 | 35.83 | 812 | 30.89 | 653 | 26.76 | 38.9 | 42.9 | 50.9 | 57.9 | 59.9 | 65.4 | 68.9 | 76.4 | 83.9 |
| 1.07 | 14.5 | 15.5 | 1085 | 37.89 | 814 | 32.74 | 655 | 28.37 | 38.1 | 42.1 | 50.1 | 57.1 | 59.1 | 64.6 | 68.1 | 75.6 | 83.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.88** | **0.90** | **0.92** | **0.92** | **0.94** | **0.94** | **0.96** | **0.97** |
| 1.07 | 15.0 | 16.0 | 1088 | 39.88 | 816 | 34.56 | 656 | 29.97 | 37.3 | 41.3 | 49.3 | 56.3 | 58.3 | 63.8 | 67.3 | 74.8 | 82.3 |
| 1.08 | 12.0 | 13.0 | 1071 | 27.17 | 803 | 23.32 | 646 | 20.21 | 42.0 | 46.0 | 54.0 | 61.0 | 63.0 | 68.5 | 72.0 | 79.5 | 87.0 |
| 1.08 | 13.0 | 14.0 | 1077 | 31.70 | 808 | 27.22 | 650 | 23.57 | 40.4 | 44.4 | 52.4 | 59.4 | 61.4 | 66.9 | 70.4 | 77.9 | 85.4 |
| 1.10 | 14.5 | 16.0 | 1051 | 38.32 | 788 | 33.06 | 634 | 28.64 | 37.7 | 41.7 | 49.7 | 56.7 | 58.7 | 64.2 | 67.7 | 75.2 | 82.7 |
| 1.10 | 20.0 | 22.0 | 1055 | 56.36 | 791 | 51.28 | 636 | 45.18 | 28.6 | 32.6 | 40.7 | 47.7 | 49.7 | 55.2 | 58.7 | 66.2 | 73.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.87** | **0.90** | **0.92** | **0.92** | **0.93** | **0.94** | **0.96** | **0.97** |
| 1.11 | 13.5 | 15.0 | 1044 | 34.29 | 783 | 29.44 | 630 | 25.47 | 39.3 | 43.3 | 51.3 | 58.3 | 60.3 | 65.8 | 69.3 | 76.8 | 84.3 |
| 1.11 | 14.0 | 15.5 | 1048 | 36.40 | 786 | 31.31 | 632 | 27.10 | 38.5 | 42.5 | 50.5 | 57.5 | 59.5 | 65.0 | 68.5 | 76.0 | 83.5 |
| 1.11 | 18.0 | 20.0 | 1044 | 50.95 | 783 | 45.22 | 630 | 39.51 | 31.8 | 35.8 | 43.8 | 50.8 | 52.8 | 58.3 | 61.8 | 69.3 | 76.8 |
| 1.12 | 13.0 | 14.5 | 1040 | 32.24 | 780 | 27.62 | 628 | 23.89 | 40.0 | 44.0 | 52.0 | 59.0 | 61.0 | 66.5 | 70.0 | 77.5 | 85.0 |
| 1.13 | 12.0 | 13.5 | 1031 | 27.83 | 773 | 23.81 | 622 | 20.61 | 41.6 | 45.6 | 53.6 | 60.6 | 62.6 | 68.1 | 71.6 | 79.1 | 86.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.87** | **0.90** | **0.92** | **0.92** | **0.93** | **0.94** | **0.96** | **0.97** |
| 1.13 | 16.0 | 18.0 | 1031 | 44.46 | 773 | 38.70 | 622 | 33.60 | 34.9 | 38.9 | 46.9 | 53.9 | 55.9 | 61.4 | 64.9 | 72.4 | 79.9 |
| 1.14 | 14.0 | 16.0 | 1015 | 36.75 | 761 | 31.58 | 613 | 27.31 | 38.1 | 42.1 | 50.1 | 57.1 | 59.1 | 64.6 | 68.1 | 75.6 | 83.1 |
| 1.15 | 13.0 | 15.0 | 1005 | 32.57 | 754 | 27.87 | 607 | 24.09 | 39.6 | 43.6 | 51.6 | 58.7 | 60.7 | 66.2 | 69.7 | 77.2 | 84.7 |
| 1.15 | 13.5 | 15.5 | 1010 | 34.74 | 758 | 29.78 | 610 | 25.74 | 38.9 | 42.9 | 50.9 | 57.9 | 59.9 | 65.4 | 68.9 | 76.4 | 83.9 |
| 1.16 | 15.5 | 18.0 | 999 | 42.92 | 749 | 37.19 | 603 | 32.23 | 35.3 | 39.3 | 47.3 | 54.3 | 56.3 | 61.8 | 65.3 | 72.8 | 80.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.87** | **0.90** | **0.91** | **0.92** | **0.93** | **0.94** | **0.96** | **0.97** |
| 1.17 | 12.0 | 14.0 | 994 | 28.24 | 746 | 24.12 | 600 | 20.86 | 41.2 | 45.2 | 53.2 | 60.2 | 62.2 | 67.7 | 71.2 | 78.7 | 86.2 |
| 1.19 | 13.0 | 15.5 | 973 | 32.94 | 730 | 28.15 | 587 | 24.32 | 39.2 | 43.2 | 51.3 | 58.3 | 60.3 | 65.8 | 69.3 | 76.8 | 84.3 |
| 1.19 | 13.5 | 16.0 | 979 | 35.12 | 734 | 30.06 | 591 | 25.97 | 38.5 | 42.5 | 50.5 | 57.5 | 59.5 | 65.0 | 68.5 | 76.0 | 83.5 |
| 1.20 | 15.0 | 18.0 | 967 | 41.35 | 725 | 35.66 | 583 | 30.86 | 35.7 | 39.7 | 47.7 | 54.7 | 56.7 | 62.2 | 65.7 | 73.2 | 80.7 |
| 1.21 | 12.0 | 14.5 | 960 | 28.57 | 720 | 24.37 | 579 | 21.06 | 40.8 | 44.8 | 52.8 | 59.8 | 61.8 | 67.3 | 70.8 | 78.3 | 85.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.86** | **0.87** | **0.90** | **0.91** | **0.92** | **0.93** | **0.94** | **0.96** | **0.97** |
| 1.22 | 18.0 | 22.0 | 949 | 52.01 | 712 | 46.02 | 573 | 40.15 | 30.2 | 34.2 | 42.2 | 49.2 | 51.2 | 56.7 | 60.2 | 67.7 | 75.2 |
| 1.23 | 13.0 | 16.0 | 943 | 33.24 | 707 | 28.38 | 569 | 24.50 | 38.8 | 42.8 | 50.9 | 57.9 | 59.9 | 65.4 | 68.9 | 76.4 | 83.9 |
| 1.23 | 22.0 | 27.0 | + | + | 709 | 57.80 | 570 | 51.35 | — | — | 35.1 | 42.1 | 44.1 | 49.6 | 53.1 | 60.6 | 68.1 |
| 1.24 | 14.5 | 18.0 | 934 | 39.65 | 701 | 34.06 | 564 | 29.44 | 36.1 | 40.1 | 48.1 | 55.1 | 57.1 | 62.6 | 66.1 | 73.6 | 81.1 |
| 1.25 | 12.0 | 15.0 | 928 | 28.85 | 696 | 24.57 | 560 | 21.22 | 40.4 | 44.4 | 52.4 | 59.4 | 61.4 | 66.9 | 70.4 | 77.9 | 85.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.85** | **0.86** | **0.89** | **0.91** | **0.91** | **0.93** | **0.94** | **0.95** | **0.97** |
| 1.25 | 16.0 | 20.0 | 928 | 45.48 | 696 | 39.47 | 560 | 34.21 | 33.3 | 37.3 | 45.3 | 52.3 | 54.3 | 59.8 | 63.3 | 70.8 | 78.4 |
| 1.29 | 12.0 | 15.5 | 898 | 29.07 | 674 | 24.74 | 542 | 21.36 | 40.0 | 44.0 | 52.0 | 59.0 | 61.0 | 66.5 | 70.0 | 77.5 | 85.0 |
| 1.29 | 14.0 | 18.0 | 902 | 37.89 | 677 | 32.43 | 544 | 28.00 | 36.5 | 40.5 | 48.5 | 55.5 | 57.5 | 63.0 | 66.5 | 74.0 | 81.5 |
| 1.29 | 15.5 | 20.0 | 899 | 43.85 | 674 | 37.88 | 543 | 32.79 | 33.7 | 37.7 | 45.7 | 52.7 | 54.7 | 60.2 | 63.7 | 71.2 | 78.7 |
| 1.33 | 12.0 | 16.0 | 870 | 29.26 | 653 | 24.88 | 525 | 21.47 | 39.6 | 43.6 | 51.6 | 58.6 | 60.6 | 66.1 | 69.6 | 77.1 | 84.6 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.85** | **0.86** | **0.89** | **0.91** | **0.91** | **0.93** | **0.94** | **0.95** | **0.97** |

D = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda D | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 240 | 270 | 300 | 330 | 360 | 390 | 420 | 480 | 540 | 600 | | | |
| 101.6 | 116.6 | 131.6 | 146.6 | 161.6 | 176.6 | 191.6 | 221.6 | 251.6 | 281.6 | 12.0 | 12.0 | 1.00 |
| 100.0 | 115.0 | 130.0 | 145.0 | 160.0 | 175.0 | 190.0 | 220.0 | 250.0 | 280.0 | 13.0 | 13.0 | 1.00 |
| 99.2 | 114.2 | 129.2 | 144.2 | 159.2 | 174.2 | 189.2 | 219.2 | 249.2 | 279.2 | 13.5 | 13.5 | 1.00 |
| 98.4 | 113.4 | 128.4 | 143.4 | 158.4 | 173.4 | 188.4 | 218.4 | 248.4 | 278.4 | 14.0 | 14.0 | 1.00 |
| 97.6 | 112.6 | 127.6 | 142.6 | 157.6 | 172.6 | 187.6 | 217.6 | 247.6 | 277.6 | 14.5 | 14.5 | 1.00 |
| **1.00** | **1.02** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.17** | **1.19** | | | |
| 96.8 | 111.8 | 126.8 | `141.8 | 156.8 | 171.8 | 186.8 | 216.8 | 246.8 | 276.8 | 15.0 | 15.0 | 1.00 |
| 96.1 | 111.1 | 126.1 | 141.1 | 156.1 | 171.1 | 186.1 | 216.1 | 246.1 | 276.1 | 15.5 | 15.5 | 1.00 |
| 95.3 | 110.3 | 125.3 | 140.3 | 155.3 | 170.3 | 185.3 | 215.3 | 245.3 | 275.3 | 16.0 | 16.0 | 1.00 |
| 92.1 | 107.1 | 122.1 | 137.1 | 152.1 | 167.1 | 182.1 | 212.1 | 242.1 | 272.1 | 18.0 | 18.0 | 1.00 |
| 89.0 | 104.0 | 119.0 | 134.0 | 149.0 | 164.0 | 179.0 | 209.0 | 239.0 | 269.0 | 20.0 | 20.0 | 1.00 |
| **1.00** | **1.02** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.17** | **1.19** | | | |
| 85.8 | 100.8 | 115.8 | 130.8 | 145.8 | 160.8 | 175.8 | 205.8 | 235.8 | 265.8 | 22.0 | 22.0 | 1.00 |
| 97.2 | 112.2 | 127.2 | 142.2 | 157.2 | 172.2 | 187.2 | 217.2 | 247.2 | 277.2 | 14.5 | 15.0 | 1.03 |
| 96.4 | 111.4 | 126.4 | 141.4 | 156.4 | 171.4 | 186.4 | 216.4 | 246.4 | 276.4 | 15.0 | 15.5 | 1.03 |
| 95.7 | 110.7 | 125.7 | 140.7 | 155.7 | 170.7 | 185.7 | 215.7 | 245.7 | 275.7 | 15.5 | 16.0 | 1.03 |
| 99.6 | 114.6 | 129.6 | 144.6 | 159.6 | 174.6 | 189.6 | 219.6 | 249.6 | 279.6 | 13.0 | 13.5 | 1.04 |
| **1.00** | **1.02** | **1.05** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.17** | **1.19** | | | |
| 98.8 | 113.8 | 128.8 | 143.8 | 158.8 | 173.8 | 188.8 | 218.8 | 248.8 | 278.8 | 13.5 | 14.0 | 1.04 |
| 98.0 | 113.0 | 128.0 | 143.0 | 158.0 | 173.0 | 188.0 | 218.0 | 248.0 | 278.0 | 14.0 | 14.5 | 1.04 |
| 98.4 | 113.4 | 128.4 | 143.4 | 158.4 | 173.4 | 188.4 | 218.4 | 248.4 | 278.4 | 13.5 | 14.5 | 1.07 |
| 97.6 | 112.6 | 127.6 | 142.6 | 157.6 | 172.6 | 187.6 | 217.6 | 247.6 | 277.6 | 14.0 | 15.0 | 1.07 |
| 96.8 | 111.8 | 126.8 | 141.8 | 156.8 | 171.8 | 186.8 | 216.8 | 246.8 | 276.8 | 14.5 | 15.5 | 1.07 |
| **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.19** | | | |
| 96.1 | 111.1 | 126.1 | 141.1 | 156.1 | 171.1 | 186.1 | 216.1 | 246.1 | 276.1 | 15.0 | 16.0 | 1.07 |
| 100.8 | 115.8 | 130.8 | 145.8 | 160.8 | 175.8 | 190.8 | 220.8 | 250.8 | 280.8 | 12.0 | 13.0 | 1.08 |
| 99.2 | 114.2 | 129.2 | 144.2 | 159.2 | 174.2 | 189.2 | 219.2 | 249.2 | 279.2 | 13.0 | 14.0 | 1.08 |
| 96.4 | 111.4 | 126.4 | 141.4 | 156.4 | 171.4 | 186.4 | 216.4 | 246.4 | 276.4 | 14.5 | 16.0 | 1.10 |
| 87.4 | 102.4 | 117.4 | 132.4 | 147.4 | 162.4 | 177.4 | 207.4 | 237.4 | 267.4 | 20.0 | 22.0 | 1.10 |
| **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.19** | | | |
| 98.0 | 113.0 | 128.0 | 143.0 | 158.0 | 173.0 | 188.0 | 218.0 | 248.0 | 278.0 | 13.5 | 15.0 | 1.11 |
| 97.2 | 112.2 | 127.2 | 142.2 | 157.2 | 172.2 | 187.2 | 217.2 | 247.2 | 277.2 | 14.0 | 15.5 | 1.11 |
| 90.5 | 105.6 | 120.6 | 135.6 | 150.6 | 165.6 | 180.6 | 210.6 | 240.6 | 270.6 | 18.0 | 20.0 | 1.11 |
| 98.8 | 113.8 | 128.8 | 143.8 | 158.8 | 173.8 | 188.8 | 218.8 | 248.8 | 278.8 | 13.0 | 14.5 | 1.12 |
| 100.4 | 115.4 | 130.4 | 145.4 | 160.4 | 175.4 | 190.4 | 220.4 | 250.4 | 280.4 | 12.0 | 13.5 | 1.13 |
| **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.19** | | | |
| 93.7 | 108.7 | 123.7 | 138.7 | 153.7 | 168.7 | 183.7 | 213.7 | 243.7 | 273.7 | 16.0 | 18.0 | 1.13 |
| 96.8 | 111.8 | 126.8 | 141.8 | 156.8 | 171.8 | 186.8 | 216.8 | 246.8 | 276.8 | 14.0 | 16.0 | 1.14 |
| 98.4 | 113.4 | 128.4 | 143.4 | 158.4 | 173.4 | 188.4 | 218.4 | 248.4 | 278.4 | 13.0 | 15.0 | 1.15 |
| 97.6 | 112.6 | 127.6 | 142.6 | 157.6 | 172.6 | 187.6 | 217.6 | 247.6 | 277.6 | 13.5 | 15.5 | 1.15 |
| 94.1 | 109.1 | 124.1 | 139.1 | 154.1 | 169.1 | 184.1 | 214.1 | 244.1 | 274.1 | 15.5 | 18.0 | 1.16 |
| **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.19** | | | |
| 100.0 | 115.0 | 130.0 | 145.0 | 160.0 | 175.0 | 190.0 | 220.0 | 250.0 | 280.0 | 12.0 | 14.0 | 1.17 |
| 98.0 | 113.0 | 128.0 | 143.0 | 158.0 | 173.0 | 188.0 | 218.0 | 248.0 | 278.0 | 13.0 | 15.5 | 1.19 |
| 97.2 | 112.2 | 127.2 | 142.2 | 157.2 | 172.2 | 187.2 | 217.2 | 247.2 | 277.2 | 13.5 | 16.0 | 1.19 |
| 94.5 | 109.5 | 124.5 | 139.5 | 154.5 | 169.5 | 184.5 | 214.5 | 244.5 | 274.5 | 15.0 | 18.0 | 1.20 |
| 99.6 | 114.6 | 129.6 | 144.6 | 159.6 | 174.6 | 189.6 | 219.6 | 249.6 | 279.6 | 12.0 | 14.5 | 1.21 |
| **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.19** | | | |
| 89.0 | 104.0 | 119.0 | 134.0 | 149.0 | 164.0 | 179.0 | 209.0 | 239.0 | 269.0 | 18.0 | 22.0 | 1.22 |
| 97.6 | 112.6 | 127.6 | 142.6 | 157.6 | 172.6 | 187.6 | 217.6 | 247.6 | 277.6 | 13.0 | 16.0 | 1.23 |
| 81.9 | 96.9 | 111.9 | 126.9 | 141.9 | 156.9 | 171.9 | 201.9 | 231.9 | 261.9 | 22.0 | 27.0 | 1.23 |
| 94.9 | 109.9 | 124.9 | 139.9 | 154.9 | 169.9 | 184.9 | 214.9 | 244.9 | 274.9 | 14.5 | 18.0 | 1.24 |
| 99.2 | 114.2 | 129.2 | 144.2 | 159.2 | 174.2 | 189.2 | 219.2 | 249.2 | 279.2 | 12.0 | 15.0 | 1.25 |
| **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.18** | | | |
| 92.1 | 107.1 | 122.1 | 137.1 | 152.1 | 167.1 | 182.1 | 212.1 | 242.1 | 272.1 | 16.0 | 20.0 | 1.25 |
| 98.8 | 113.8 | 128.8 | 143.8 | 158.8 | 173.8 | 188.8 | 218.8 | 248.8 | 278.8 | 12.0 | 15.5 | 1.29 |
| 95.2 | 110.2 | 125.3 | 140.3 | 155.3 | 170.3 | 185.3 | 215.3 | 245.3 | 275.3 | 14.0 | 18.0 | 1.29 |
| 92.5 | 107.5 | 122.5 | 137.5 | 152.5 | 167.5 | 182.5 | 212.5 | 242.5 | 272.5 | 15.5 | 20.0 | 1.29 |
| 98.4 | 113.4 | 128.4 | 143.4 | 158.4 | 173.4 | 188.4 | 218.4 | 248.4 | 278.4 | 12.0 | 16.0 | 1.33 |
| **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.18** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# D Selección de Transmisión en Existencia

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1160 RPM Motriz | | 870 RPM Motriz | | 700 RPM Motriz | | Designación de Largo de Banda D | | | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impulsada RPM | HP per Banda D | Impulsada RPM | HP por Banda D | Impulsada RPM | HP por Banda D | 120 | 128 | 144 | 158 | 162 | 173 | 180 | 195 | 210 |
| 1.33 | 13.5 | 18.0 | 870 | 35.96 | 653 | 30.96 | 525 | 26.48 | 36.8 | 40.8 | 48.9 | 55.9 | 57.9 | 63.4 | 66.9 | 74.4 | 81.9 |
| 1.33 | 15.0 | 20.0 | 870 | 42.11 | 653 | 36.23 | 525 | 31.32 | 34.1 | 38.1 | 46.1 | 53.1 | 55.1 | 60.6 | 64.1 | 71.6 | 79.1 |
| 1.35 | 20.0 | 27.0 | 859 | 58.24 | 644 | 52.69 | 519 | 46.31 | — | 28.5 | 36.6 | 43.6 | 45.6 | 51.1 | 54.6 | 62.1 | 69.6 |
| 1.38 | 13.0 | 18.0 | 838 | 33.97 | 628 | 28.92 | 506 | 24.94 | 37.2 | 41.2 | 49.2 | 56.2 | 58.2 | 63.8 | 67.3 | 74.8 | 82.3 |
| 1.38 | 14.5 | 20.0 | 841 | 40.31 | 631 | 34.56 | 508 | 29.84 | 34.4 | 38.5 | 46.5 | 53.5 | 55.5 | 61.0 | 64.5 | 72.0 | 79.5 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.85** | **0.86** | **0.89** | **0.91** | **0.91** | **0.93** | **0.94** | **0.95** | **0.97** |
| 1.38 | 16.0 | 22.0 | 844 | 46.08 | 633 | 39.92 | 509 | 34.58 | 31.7 | 35.7 | 43.7 | 50.7 | 52.7 | 58.2 | 61.7 | 69.2 | 76.7 |
| 1.42 | 15.5 | 22.0 | 817 | 44.35 | 613 | 38.26 | 493 | 33.06 | 32.0 | 36.1 | 44.1 | 51.1 | 53.1 | 58.6 | 62.1 | 69.6 | 77.1 |
| 1.43 | 14.0 | 20.0 | 812 | 38.41 | 609 | 32.82 | 490 | 28.31 | 34.8 | 38.8 | 46.9 | 53.9 | 55.9 | 61.4 | 64.9 | 72.4 | 79.9 |
| 1.47 | 15.0 | 22.0 | 791 | 42.55 | 593 | 36.56 | 477 | 31.59 | 32.4 | 36.4 | 44.5 | 51.5 | 53.5 | 59.0 | 62.5 | 70.0 | 77.5 |
| 1.48 | 13.5 | 20.0 | 783 | 36.42 | 587 | 31.04 | 473 | 26.75 | 35.2 | 39.2 | 47.2 | 54.2 | 56.2 | 61.8 | 65.3 | 72.8 | 80.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.84** | **0.86** | **0.88** | **0.90** | **0.91** | **0.92** | **0.93** | **0.95** | **0.97** |
| 1.50 | 12.0 | 18.0 | 773 | 29.76 | 580 | 25.26 | 467 | 21.77 | 38.0 | 42.0 | 50.0 | 57.0 | 59.0 | 64.5 | 68.0 | 75.5 | 83.0 |
| 1.50 | 18.0 | 27.0 | 773 | 53.13 | 580 | 46.86 | 467 | 40.82 | 25.9 | 30.0 | 38.0 | 45.1 | 47.1 | 52.6 | 56.1 | 63.6 | 71.2 |
| 1.50 | 22.0 | 33.0 | + | + | 580 | 58.58 | 467 | 51.98 | — | — | — | 37.0 | 39.1 | 44.6 | 48.1 | 55.7 | 63.2 |
| 1.52 | 14.5 | 22.0 | 765 | 40.67 | 573 | 34.82 | 461 | 30.05 | 32.8 | 36.8 | 44.8 | 51.8 | 53.9 | 59.4 | 62.9 | 70.4 | 77.9 |
| 1.54 | 13.0 | 20.0 | 754 | 34.36 | 566 | 29.22 | 455 | 25.17 | 35.6 | 39.6 | 47.6 | 54.6 | 56.6 | 62.1 | 65.6 | 73.1 | 80.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.85** | **0.86** | **0.89** | **0.91** | **0.91** | **0.93** | **0.93** | **0.95** | **0.97** |
| 1.57 | 14.0 | 22.0 | 738 | 38.70 | 554 | 33.04 | 445 | 28.49 | 33.1 | 37.2 | 45.2 | 52.2 | 54.2 | 59.7 | 63.2 | 70.8 | 78.3 |
| 1.63 | 13.5 | 22.0 | 712 | 36.67 | 534 | 31.22 | 430 | 26.91 | 33.5 | 37.5 | 45.6 | 52.6 | 54.6 | 60.1 | 63.6 | 71.1 | 78.7 |
| 1.65 | 20.0 | 33.0 | 703 | 58.90 | 527 | 53.18 | 424 | 46.71 | — | — | 31.4 | 38.5 | 40.5 | 46.1 | 49.6 | 57.2 | 64.7 |
| 1.67 | 12.0 | 20.0 | 696 | 30.02 | 522 | 25.45 | 420 | 21.93 | 36.3 | 40.3 | 48.4 | 55.4 | 57.4 | 62.9 | 66.4 | 73.9 | 81.4 |
| 1.69 | 13.0 | 22.0 | 685 | 34.56 | 514 | 29.37 | 414 | 25.30 | 33.9 | 37.9 | 45.9 | 53.0 | 55.0 | 60.5 | 64.0 | 71.5 | 79.0 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.84** | **0.85** | **0.88** | **0.90** | **0.91** | **0.92** | **0.93** | **0.95** | **0.96** |
| 1.69 | 16.0 | 27.0 | 687 | 46.67 | 516 | 40.36 | 415 | 34.93 | 27.3 | 31.4 | 39.5 | 46.6 | 48.6 | 54.1 | 57.6 | 65.1 | 72.7 |
| 1.74 | 15.5 | 27.0 | 666 | 44.86 | 499 | 38.64 | 402 | 33.40 | 27.7 | 31.7 | 39.9 | 46.9 | 48.9 | 54.5 | 58.0 | 65.5 | 73.0 |
| 1.80 | 15.0 | 27.0 | 644 | 42.99 | 483 | 36.89 | 389 | 31.85 | 28.0 | 32.1 | 40.2 | 47.3 | 49.3 | 54.8 | 58.4 | 65.9 | 73.4 |
| 1.82 | 22.0 | 40.0 | + | + | 479 | 58.87 | 385 | 52.21 | — | — | — | — | — | 38.4 | 42.0 | 49.6 | 57.2 |
| 1.83 | 12.0 | 22.0 | 633 | 30.15 | 475 | 25.55 | 382 | 22.01 | 34.6 | 38.6 | 46.7 | 53.7 | 55.7 | 61.2 | 64.8 | 72.3 | 79.8 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.81** | **0.83** | **0.87** | **0.89** | **0.90** | **0.91** | **0.92** | **0.94** | **0.96** |
| 1.83 | 18.0 | 33.0 | 633 | 53.52 | 475 | 47.15 | 382 | 41.06 | — | — | 32.7 | 39.9 | 41.9 | 47.5 | 51.0 | 58.6 | 66.2 |
| 1.86 | 14.5 | 27.0 | 623 | 41.04 | 467 | 35.10 | 376 | 30.28 | 28.4 | 32.5 | 40.6 | 47.6 | 49.7 | 55.2 | 58.7 | 66.3 | 73.8 |
| 1.93 | 14.0 | 27.0 | 601 | 39.03 | 451 | 33.28 | 363 | 28.68 | 28.7 | 32.8 | 40.9 | 48.0 | 50.0 | 55.6 | 59.1 | 66.6 | 74.2 |
| 2.00 | 13.5 | 27.0 | 580 | 36.94 | 435 | 31.43 | 350 | 27.07 | 29.1 | 33.2 | 41.3 | 48.4 | 50.4 | 55.9 | 59.5 | 67.0 | 74.5 |
| 2.00 | 20.0 | 40.0 | 580 | 59.15 | 435 | 53.37 | 350 | 46.86 | — | — | — | — | 34.1 | 39.8 | 43.4 | 51.0 | 58.7 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.81** | **0.83** | **0.86** | **0.89** | **0.89** | **0.91** | **0.92** | **0.94** | **0.95** |
| 2.06 | 16.0 | 33.0 | 562 | 46.90 | 422 | 40.53 | 339 | 35.07 | — | — | 34.1 | 41.3 | 43.3 | 48.9 | 52.5 | 60.1 | 67.6 |
| 2.08 | 13.0 | 27.0 | 559 | 34.80 | 419 | 29.54 | 337 | 25.44 | 29.4 | 33.5 | 41.6 | 48.7 | 50.8 | 56.3 | 59.8 | 67.4 | 74.9 |
| 2.13 | 15.5 | 33.0 | 545 | 45.07 | 409 | 38.79 | 329 | 33.52 | — | — | 34.4 | 41.6 | 43.7 | 49.3 | 52.8 | 60.4 | 68.0 |
| 2.18 | 22.0 | 48.0 | + | + | 399 | 58.98 | 321 | 52.31 | — | — | — | — | — | — | — | 42.2 | 50.0 |
| 2.20 | 15.0 | 33.0 | 527 | 43.16 | 395 | 37.02 | 318 | 31.95 | — | — | 34.8 | 42.0 | 44.0 | 49.6 | 53.2 | 60.8 | 68.4 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.80** | **0.82** | **0.86** | **0.88** | **0.89** | **0.90** | **0.91** | **0.93** | **0.95** |
| 2.22 | 18.0 | 40.0 | 522 | 53.68 | 392 | 47.27 | 315 | 41.46 | — | — | — | 33.3 | 35.4 | 41.1 | 44.7 | 52.4 | 60.1 |
| 2.25 | 12.0 | 27.0 | 516 | 30.32 | 387 | 25.68 | 311 | 22.11 | 30.1 | 34.2 | 42.4 | 49.5 | 51.5 | 57.0 | 60.6 | 68.1 | 75.6 |
| 2.28 | 14.5 | 33.0 | 510 | 41.19 | 382 | 35.22 | 308 | 30.37 | — | — | 35.1 | 42.3 | 44.4 | 50.0 | 53.5 | 61.1 | 68.7 |
| 2.36 | 14.0 | 33.0 | 492 | 39.16 | 369 | 33.38 | 297 | 28.76 | — | 27.1 | 35.5 | 42.7 | 44.7 | 50.3 | 53.9 | 61.5 | 69.1 |
| 2.40 | 20.0 | 48.0 | 483 | 59.25 | 363 | 53.45 | 292 | 46.92 | — | — | — | — | — | — | — | 43.5 | 51.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.80** | **0.82** | **0.86** | **0.88** | **0.89** | **0.90** | **0.91** | **0.93** | **0.95** |
| 2.44 | 13.5 | 33.0 | 475 | 37.06 | 356 | 31.51 | 286 | 27.14 | — | 27.4 | 35.8 | 43.0 | 45.1 | 50.7 | 54.3 | 61.9 | 69.4 |
| 2.50 | 16.0 | 40.0 | 464 | 47.00 | 348 | 40.61 | 280 | 35.13 | — | — | — | 34.6 | 36.7 | 42.5 | 46.1 | 53.8 | 61.5 |
| 2.54 | 13.0 | 33.0 | 457 | 34.89 | 343 | 29.62 | 276 | 25.49 | — | 27.7 | 36.1 | 43.4 | 45.4 | 51.0 | 54.6 | 62.2 | 69.8 |
| 2.58 | 15.5 | 40.0 | 450 | 45.15 | 337 | 38.86 | 271 | 33.57 | — | — | — | 34.9 | 37.0 | 42.8 | 46.4 | 54.2 | 61.8 |
| 2.64 | 22.0 | 58.0 | + | + | 330 | 59.04 | 266 | 52.35 | — | — | — | — | — | — | — | — | — |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.78** | **0.83** | **0.86** | **0.87** | **0.89** | **0.90** | **0.92** | **0.94** |
| 2.67 | 15.0 | 40.0 | 435 | 43.24 | 326 | 37.08 | 263 | 32.00 | — | — | — | 35.2 | 37.4 | 43.1 | 46.8 | 54.5 | 62.2 |
| 2.67 | 18.0 | 48.0 | 435 | 53.75 | 326 | 47.32 | 263 | 41.20 | — | — | — | — | — | — | 36.8 | 44.8 | 52.7 |
| 2.75 | 12.0 | 33.0 | 422 | 30.39 | 316 | 25.73 | 255 | 22.15 | — | 28.4 | 36.8 | 44.1 | 46.1 | 51.7 | 55.3 | 62.9 | 70.5 |
| 2.76 | 14.5 | 40.0 | 421 | 41.26 | 315 | 35.27 | 254 | 30.41 | — | — | — | 35.6 | 37.7 | 43.5 | 47.1 | 54.9 | 62.5 |
| 2.86 | 14.0 | 40.0 | 406 | 39.22 | 305 | 33.43 | 245 | 28.80 | — | — | — | 35.9 | 38.0 | 43.8 | 47.5 | 55.2 | 62.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.77** | **0.82** | **0.85** | **0.86** | **0.88** | **0.89** | **0.92** | **0.94** |

D = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda D | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 240 | 270 | 300 | 330 | 360 | 390 | 420 | 480 | 540 | 600 | | | |
| 95.6 | 110.6 | 125.6 | 140.6 | 155.6 | 170.6 | 185.6 | 215.6 | 245.6 | 275.7 | 13.5 | 18.0 | 1.33 |
| 92.9 | 107.9 | 122.9 | 137.9 | 152.9 | 167.9 | 182.9 | 212.9 | 242.9 | 272.9 | 15.0 | 20.0 | 1.33 |
| 83.4 | 98.4 | 113.4 | 128.4 | 143.4 | 158.4 | 173.5 | 203.5 | 233.5 | 263.5 | 20.0 | 27.0 | 1.35 |
| 96.0 | 111.0 | 126.0 | 141.0 | 156.0 | 171.0 | 186.0 | 216.0 | 246.0 | 276.0 | 13.0 | 18.0 | 1.38 |
| 93.3 | 108.3 | 123.3 | 138.3 | 153.3 | 168.3 | 183.3 | 213.3 | 243.3 | 273.3 | 14.5 | 20.0 | 1.38 |
| | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.11** | **1.14** | **1.16** | **1.18** | | |
| 90.5 | 105.5 | 120.5 | 135.5 | 150.5 | 165.5 | 180.5 | 210.5 | 240.5 | 270.5 | 16.0 | 22.0 | 1.38 |
| 90.9 | 105.9 | 120.9 | 135.9 | 150.9 | 165.9 | 180.9 | 210.9 | 240.9 | 270.9 | 15.5 | 22.0 | 1.42 |
| 93.6 | 108.7 | 123.7 | 138.7 | 153.7 | 168.7 | 183.7 | 213.7 | 243.7 | 273.7 | 14.0 | 20.0 | 1.43 |
| 91.3 | 106.3 | 121.3 | 136.3 | 151.3 | 166.3 | 181.3 | 211.3 | 241.3 | 271.3 | 15.0 | 22.0 | 1.47 |
| 94.0 | 109.0 | 124.0 | 139.1 | 154.1 | 169.1 | 184.1 | 214.1 | 244.1 | 274.1 | 13.5 | 20.0 | 1.48 |
| | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.14** | **1.16** | **1.18** | | |
| 96.8 | 111.8 | 126.8 | 141.8 | 156.8 | 171.8 | 186.8 | 216.8 | 246.8 | 276.8 | 12.0 | 18.0 | 1.50 |
| 84.9 | 100.0 | 115.0 | 130.0 | 145.0 | 160.0 | 175.0 | 205.0 | 235.0 | 265.0 | 18.0 | 27.0 | 1.50 |
| 77.0 | 92.0 | 107.1 | 122.1 | 137.1 | 152.1 | 167.1 | 197.1 | 227.1 | 257.1 | 22.0 | 33.0 | 1.50 |
| 91.7 | 106.7 | 121.7 | 136.7 | 151.7 | 166.7 | 181.7 | 211.7 | 241.7 | 271.7 | 14.5 | 22.0 | 1.52 |
| 94.4 | 109.4 | 124.4 | 139.4 | 154.4 | 169.4 | 184.4 | 214.5 | 244.5 | 274.5 | 13.0 | 20.0 | 1.54 |
| | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.14** | **1.16** | **1.18** | | |
| 92.0 | 107.1 | 122.1 | 137.1 | 152.1 | 167.1 | 182.1 | 212.1 | 242.1 | 272.1 | 14.0 | 22.0 | 1.57 |
| 92.4 | 107.4 | 122.4 | 137.5 | 152.5 | 167.5 | 182.5 | 212.5 | 242.5 | 272.5 | 13.5 | 22.0 | 1.63 |
| 78.5 | 93.5 | 108.6 | 123.6 | 138.6 | 153.6 | 168.6 | 198.7 | 228.7 | 258.7 | 20.0 | 33.0 | 1.65 |
| 95.2 | 110.2 | 125.2 | 140.2 | 155.2 | 170.2 | 185.2 | 215.2 | 245.2 | 275.2 | 12.0 | 20.0 | 1.67 |
| 92.8 | 107.8 | 122.8 | 137.8 | 152.8 | 167.9 | 182.9 | 212.9 | 242.9 | 272.9 | 13.0 | 22.0 | 1.69 |
| | **0.99** | **1.01** | **1.04** | **1.06** | **1.08** | **1.09** | **1.11** | **1.14** | **1.16** | **1.18** | | |
| 86.5 | 101.5 | 116.5 | 131.5 | 146.5 | 161.5 | 176.5 | 206.6 | 236.6 | 266.6 | 16.0 | 27.0 | 1.69 |
| 86.8 | 101.9 | 116.9 | 131.9 | 146.9 | 161.9 | 176.9 | 206.9 | 237.0 | 267.0 | 15.5 | 27.0 | 1.74 |
| 87.2 | 102.2 | 117.3 | 132.3 | 147.3 | 162.3 | 177.3 | 207.3 | 237.3 | 267.3 | 15.0 | 27.0 | 1.80 |
| 71.1 | 86.2 | 101.3 | 116.4 | 131.4 | 146.4 | 161.5 | 191.5 | 221.5 | 251.5 | 22.0 | 40.0 | 1.82 |
| 93.6 | 108.6 | 123.6 | 138.6 | 153.6 | 168.6 | 183.6 | 213.6 | 243.6 | 273.7 | 12.0 | 22.0 | 1.83 |
| | **0.99** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.13** | **1.16** | **1.18** | | |
| 80.0 | 95.0 | 110.1 | 125.1 | 140.1 | 155.2 | 170.2 | 200.2 | 230.2 | 260.2 | 18.0 | 33.0 | 1.83 |
| 87.6 | 102.6 | 117.6 | 132.7 | 147.7 | 162.7 | 177.7 | 207.7 | 237.7 | 267.7 | 14.5 | 27.0 | 1.86 |
| 88.0 | 103.0 | 118.0 | 133.0 | 148.1 | 163.1 | 178.1 | 208.1 | 238.1 | 268.1 | 14.0 | 27.0 | 1.93 |
| 88.3 | 103.4 | 118.4 | 133.4 | 148.4 | 163.5 | 178.5 | 208.5 | 238.5 | 268.5 | 13.5 | 27.0 | 2.00 |
| 72.6 | 87.7 | 102.8 | 117.9 | 132.9 | 147.9 | 163.0 | 193.0 | 223.1 | 253.1 | 20.0 | 40.0 | 2.00 |
| | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.13** | **1.16** | **1.18** | | |
| 81.5 | 96.5 | 111.6 | 126.6 | 141.7 | 156.7 | 171.7 | 201.7 | 231.8 | 261.8 | 16.0 | 33.0 | 2.06 |
| 88.7 | 103.7 | 118.8 | 133.8 | 148.8 | 163.8 | 178.8 | 208.9 | 238.9 | 268.9 | 13.0 | 27.0 | 2.08 |
| 81.8 | 96.9 | 112.0 | 127.0 | 142.0 | 157.1 | 172.1 | 202.1 | 232.1 | 262.2 | 15.5 | 33.0 | 2.13 |
| 64.1 | 79.4 | 94.5 | 109.7 | 124.7 | 139.8 | 154.9 | 185.0 | 215.0 | 245.1 | 22.0 | 48.0 | 2.18 |
| 82.2 | 97.3 | 112.3 | 127.4 | 142.4 | 157.4 | 172.5 | 202.5 | 232.5 | 262.5 | 15.0 | 33.0 | 2.20 |
| | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.13** | **1.16** | **1.18** | | |
| 74.0 | 89.2 | 104.3 | 119.3 | 134.4 | 149.4 | 164.5 | 194.5 | 224.6 | 254.6 | 18.0 | 40.0 | 2.22 |
| 89.5 | 104.5 | 119.5 | 134.6 | 149.6 | 164.6 | 179.6 | 209.6 | 239.7 | 269.7 | 12.0 | 27.0 | 2.25 |
| 82.6 | 97.7 | 112.7 | 127.8 | 142.8 | 157.8 | 172.8 | 202.9 | 232.9 | 262.9 | 14.5 | 33.0 | 2.28 |
| 82.9 | 98.0 | 113.1 | 128.1 | 143.2 | 158.2 | 173.2 | 203.3 | 233.3 | 263.3 | 14.0 | 33.0 | 2.36 |
| 65.5 | 80.8 | 96.0 | 111.1 | 126.2 | 141.3 | 156.4 | 186.5 | 216.5 | 246.6 | 20.0 | 48.0 | 2.40 |
| | **0.98** | **1.00** | **1.03** | **1.05** | **1.07** | **1.09** | **1.10** | **1.13** | **1.16** | **1.18** | | |
| 83.3 | 98.4 | 113.5 | 128.5 | 143.5 | 158.6 | 173.6 | 203.6 | 233.7 | 263.7 | 13.5 | 33.0 | 2.44 |
| 75.5 | 90.6 | 105.7 | 120.8 | 135.9 | 150.9 | 166.0 | 196.1 | 226.1 | 256.1 | 16.0 | 40.0 | 2.50 |
| 83.7 | 98.8 | 113.8 | 128.9 | 143.9 | 159.0 | 174.0 | 204.0 | 234.1 | 264.1 | 13.0 | 33.0 | 2.54 |
| 75.8 | 91.0 | 106.1 | 121.2 | 136.3 | 151.3 | 166.4 | 196.4 | 226.5 | 256.5 | 15.5 | 40.0 | 2.58 |
| 54.6 | 70.3 | 85.7 | 101.0 | 116.2 | 131.3 | 146.5 | 176.7 | 206.8 | 236.9 | 22.0 | 58.0 | 2.64 |
| | **0.97** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.13** | **1.15** | **1.18** | | |
| 76.2 | 91.3 | 106.5 | 121.6 | 136.6 | 151.7 | 166.7 | 196.8 | 226.9 | 256.9 | 15.0 | 40.0 | 2.67 |
| 66.9 | 82.2 | 97.4 | 112.6 | 127.7 | 142.8 | 157.9 | 188.0 | 218.0 | 248.1 | 18.0 | 48.0 | 2.67 |
| 84.4 | 99.5 | 114.6 | 129.6 | 144.7 | 159.7 | 174.7 | 204.8 | 234.8 | 264.8 | 12.0 | 33.0 | 2.75 |
| 76.5 | 91.7 | 106.8 | 121.9 | 137.0 | 152.1 | 167.1 | 197.2 | 227.2 | 257.3 | 14.5 | 40.0 | 2.76 |
| 76.9 | 92.1 | 107.2 | 122.3 | 137.4 | 152.4 | 167.5 | 197.6 | 227.6 | 257.7 | 14.0 | 40.0 | 2.86 |
| | **0.97** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.10** | **1.13** | **1.15** | **1.17** | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

| Relación de Velocidad | Combinación de Poleas | | Velocidades Impulsadas y HP por Banda | | | | | | Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1160 RPM Motriz | | 870 RPM Motriz | | 700 RPM Motriz | | Designación de Largo de Banda D/DX | | | | | | | | |
| | Motriz D.P. | Impuls. D.P. | Impulsada RPM | HP Per Banda D | Impulsada RPM | HP Por Banda D | Impulsada RPM | HP Por Banda D | 120 | 128 | 144 | 158 | 162 | 173 | 180 | 195 | 210 |
| 2.90 | 20.0 | 58.0 | 400 | 59.31 | 300 | 53.49 | 241 | 46.95 | — | — | — | — | — | — | — | — | — |
| 2.96 | 13.5 | 40.0 | 392 | 37.11 | 294 | 31.55 | 236 | 27.17 | — | — | — | 36.2 | 38.3 | 44.1 | 47.8 | 55.6 | 63.2 |
| 3.00 | 16.0 | 48.0 | 387 | 47.05 | 290 | 40.64 | 233 | 35.16 | — | — | — | — | — | — | 38.0 | 46.1 | 54.0 |
| 3.08 | 13.0 | 40.0 | 377 | 34.94 | 283 | 29.65 | 228 | 25.52 | — | — | — | 36.5 | 38.7 | 44.5 | 48.1 | 55.9 | 63.6 |
| 3.10 | 15.5 | 48.0 | 375 | 45.19 | 281 | 38.89 | 226 | 33.60 | — | — | — | — | — | — | 38.3 | 46.4 | 54.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.81** | **0.82** | **0.85** | **0.87** | **0.89** | **0.92** |
| 3.20 | 15.0 | 48.0 | 363 | 43.28 | 272 | 37.11 | 219 | 32.02 | — | — | — | — | — | — | 38.6 | 46.8 | 54.7 |
| 3.22 | 18.0 | 58.0 | 360 | 53.79 | 270 | 47.35 | 217 | 41.22 | — | — | — | — | — | — | — | — | 42.2 |
| 3.31 | 14.5 | 48.0 | 350 | 41.29 | 263 | 35.29 | 211 | 30.43 | — | — | — | — | — | 35.1 | 39.0 | 47.1 | 55.0 |
| 3.33 | 12.0 | 40.0 | 348 | 30.43 | 261 | 25.76 | 210 | 22.18 | — | — | 29.5 | 37.2 | 39.3 | 45.1 | 48.8 | 56.6 | 64.3 |
| 3.43 | 14.0 | 48.0 | 338 | 39.25 | 254 | 33.45 | 204 | 28.82 | — | — | — | — | — | 35.4 | 39.3 | 47.4 | 55.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.0** | **0.75** | **0.81** | **0.82** | **0.85** | **0.86** | **0.89** | **0.91** |
| 3.56 | 13.5 | 48.0 | 326 | 37.14 | 245 | 31.57 | 197 | 27.19 | — | — | — | — | — | 35.7 | 39.6 | 47.7 | 55.7 |
| 3.63 | 16.0 | 58.0 | 320 | 47.07 | 240 | 40.66 | 193 | 35.17 | — | — | — | — | — | — | — | — | 43.5 |
| 3.69 | 13.0 | 48.0 | 314 | 34.96 | 236 | 29.67 | 190 | 25.54 | — | — | — | — | — | 36.0 | 39.9 | 48.1 | 56.0 |
| 3.74 | 15.5 | 58.0 | 310 | 45.22 | 233 | 38.91 | 187 | 33.62 | — | — | — | — | — | — | — | — | 43.8 |
| 3.87 | 15.0 | 58.0 | 300 | 43.30 | 225 | 37.12 | 181 | 32.04 | — | — | — | — | — | — | — | — | 44.1 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.78** | **0.81** | **0.85** | **0.88** |
| 4.00 | 12.0 | 48.0 | 290 | 30.45 | 218 | 25.77 | 175 | 22.19 | — | — | — | — | — | 36.6 | 40.5 | 48.7 | 56.7 |
| 4.00 | 14.5 | 58.0 | 290 | 41.31 | 218 | 35.31 | 175 | 30.44 | — | — | — | — | — | — | — | — | 44.4 |
| 4.14 | 14.0 | 58.0 | 280 | 39.26 | 210 | 33.46 | 169 | 28.83 | — | — | — | — | — | — | — | — | 44.7 |
| 4.30 | 13.5 | 58.0 | 270 | 37.15 | 203 | 31.59 | 163 | 27.20 | — | — | — | — | — | — | — | — | 45.0 |
| 4.46 | 13.0 | 58.0 | 260 | 34.98 | 195 | 29.68 | 157 | 25.55 | — | — | — | — | — | — | — | — | 45.3 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.77** | **0.80** | **0.85** | **0.88** |
| 4.83 | 12.0 | 58.0 | 240 | 30.46 | 180 | 25.78 | 145 | 22.20 | — | — | — | — | — | — | — | — | 45.9 |
| **FACTOR DE CORRECCIÓN POR LONGITUD Y ARCO** | | | | | | | | | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.80** |

D = BANDA-V ESTÁNDAR
+ SI LA VELOCIDAD DE CORONA EXCEDE A LOS 6500 PIES POR MINUTO, CONSULTE A Martin.

| Distancia Nominal entre Centros y Factor de Corrección por Longitud y Arco | | | | | | | | | | Combinación de Poleas | | Relación de Velocidad |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designación de Largo de Banda D | | | | | | | | | | Motriz D.P. | Impulsada D.P. | |
| 240 | 270 | 300 | 330 | 360 | 390 | 420 | 480 | 540 | 600 | | | |
| 55.9 | 71.6 | 87.1 | 102.4 | 117.6 | 132.8 | 147.9 | 178.1 | 208.3 | 238.4 | 20.0 | 58.0 | 2.90 |
| 77.2 | 92.4 | 107.6 | 122.7 | 137.7 | 152.8 | 167.9 | 197.9 | 228.0 | 258.0 | 13.5 | 40.0 | 2.96 |
| 68.3 | 83.6 | 98.8 | 114.0 | 129.1 | 144.2 | 159.3 | 189.5 | 219.6 | 249.6 | 16.0 | 48.0 | 3.00 |
| 77.6 | 92.8 | 107.9 | 123.0 | 138.1 | 153.2 | 168.2 | 198.3 | 228.4 | 258.4 | 13.0 | 40.0 | 3.08 |
| 68.6 | 84.0 | 99.2 | 114.4 | 129.5 | 144.6 | 159.7 | 189.8 | 219.9 | 250.0 | 15.5 | 48.0 | 3.10 |
| **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.12** | **1.15** | **1.17** | | | |
| 68.9 | 84.3 | 99.6 | 114.7 | 129.9 | 145.0 | 160.1 | 190.2 | 220.3 | 250.4 | 15.0 | 48.0 | 3.20 |
| 57.2 | 73.0 | 88.4 | 103.8 | 119.0 | 134.2 | 149.4 | 179.6 | 209.8 | 239.9 | 18.0 | 58.0 | 3.22 |
| 69.3 | 84.7 | 99.9 | 115.1 | 130.2 | 145.3 | 160.4 | 190.6 | 220.7 | 250.8 | 14.5 | 48.0 | 3.31 |
| 78.3 | 93.5 | 108.7 | 123.8 | 138.9 | 153.9 | 169.0 | 199.1 | 229.1 | 259.2 | 12.0 | 40.0 | 3.33 |
| 69.6 | 85.0 | 100.3 | 115.5 | 130.6 | 145.7 | 160.8 | 190.9 | 221.1 | 251.1 | 14.0 | 48.0 | 3.43 |
| **0.95** | **0.98** | **1.01** | **1.03** | **1.05** | **1.07** | **1.09** | **1.12** | **1.15** | **1.17** | | | |
| 70.0 | 85.4 | 100.6 | 115.8 | 131.0 | 146.1 | 161.2 | 191.3 | 221.4 | 251.5 | 13.5 | 48.0 | 3.56 |
| 58.5 | 74.3 | 89.8 | 105.2 | 120.4 | 135.7 | 150.8 | 181.1 | 211.2 | 241.4 | 16.0 | 58.0 | 3.63 |
| 70.3 | 85.7 | 101.0 | 116.2 | 131.3 | 146.4 | 161.5 | 191.7 | 221.8 | 251.9 | 13.0 | 48.0 | 3.69 |
| 58.8 | 74.6 | 90.2 | 105.5 | 120.8 | 136.0 | 151.2 | 181.4 | 211.6 | 241.7 | 15.5 | 58.0 | 3.74 |
| 59.2 | 75.0 | 90.5 | 105.9 | 121.2 | 136.4 | 151.5 | 181.8 | 212.0 | 242.1 | 15.0 | 58.0 | 3.87 |
| **0.93** | **0.96** | **1.00** | **1.02** | **1.04** | **1.06** | **1.08** | **1.11** | **1.14** | **1.16** | | | |
| 71.0 | 86.4 | 101.7 | 116.9 | 132.0 | 147.2 | 162.3 | 192.4 | 222.5 | 252.6 | 12.0 | 48.0 | 4.00 |
| 59.5 | 75.3 | 90.9 | 106.2 | 121.5 | 136.7 | 151.9 | 182.2 | 212.3 | 242.5 | 14.5 | 58.0 | 4.00 |
| 59.8 | 75.7 | 91.2 | 106.6 | 121.9 | 137.1 | 152.3 | 182.5 | 212.7 | 242.9 | 14.0 | 58.0 | 4.14 |
| 60.1 | 76.0 | 91.5 | 106.9 | 122.2 | 137.4 | 152.6 | 182.9 | 213.1 | 243.2 | 13.5 | 58.0 | 4.30 |
| 60.4 | 76.3 | 91.9 | 107.3 | 122.6 | 137.8 | 153.0 | 183.3 | 213.5 | 243.6 | 13.0 | 58.0 | 4.46 |
| **0.93** | **0.96** | **0.99** | **1.02** | **1.04** | **1.06** | **1.08** | **1.11** | **1.14** | **1.16** | | | |
| 61.1 | 77.0 | 92.6 | 108.0 | 123.3 | 138.5 | 153.7 | 184.0 | 214.2 | 244.3 | 12.0 | 58.0 | 4.83 |
| **0.88** | **0.93** | **0.97** | **1.00** | **1.03** | **1.05** | **1.07** | **1.10** | **1.13** | **1.16** | | | |

PARA TAMAÑOS DE BANDA NO INDICADOS, INTERPOLE PARA OBTENER DISTANCIAS ENTRE CENTROS ADICIONALES.

# Selección de Transmisión de Fabricación Especial

La mayoría de las transmisiones de Bandas en V pueden ser seleccionadas de las tablas de ingeniería de las páginas anteriores; Los componentes pueden ser determinados siguiendo los pasos del procedimiento de selección de las transmisiones en existencia. Si la transmisión requiere uno o más componentes que no estén en inventario o al seleccionar la transmisión en existencia encontramos problemas, tenemos la opción de seguir los pasos detallados a continuación para seleccionar **TRANSMISIÓN DE FUERA DE LÍNEA.**

**NOTA: EQUIPOS COMO QUEBRADORAS O ASTILLADORAS DE MADERA REQUIEREN POLEAS DE CONSTRUCCION ESPECIAL. CONSULTE A Martin.**

## TABLA 5 — FACTORES DE SERVICIO

**EL FACTOR DE SERVICIO CORRECTO SE DETERMINA POR:**

1. La extensión y frecuencia de las cargas pico.
2. El número de horas de operación al año, divididas en un promedio de horas al día de servicio continuo.
3. La categoría de servicio apropiada (intermitente, normal o continuo). Seleccione aquella que más se aproxime a las condiciones de su aplicación.

**SERVICIO INTERMITENTE — FACTOR DE SERVICIO 1.0 A 1.5**

**a -** Trabajo Ligero — No más de 6 horas al día.
**b -** No debe exceder la carga promedio.

**SERVICIO NORMAL — FACTOR DE 1.1 A 1.6**

**a -** Servicio diario de 6 a 16 horas al día.
**b -** Donde el arranque ocasional o las cargas pico no excedan el 200% de la carga total.

**SERVICIO CONTINUO — FACTOR DE 1.2 A 1.8**

**a -** Donde el arranque o la carga pico exceda el 200% de la carga total o donde el arranque o las cargas pico y sobrecargas ocurran frecuentemente.
**b -** Servicio continuo de 16 a 24 horas al día.

### FACTORES DE SERVICIOS TÍPICOS

| TIPOS DE MÁQUINAS DE TRANSMISIÓN | TIPOS DE UNIDADES MOTRICES | | | | | |
|---|---|---|---|---|---|---|
| Los tipos de máquinas de manejo que se enlistan a continuación son solamente ejemplos representativos. Seleccione de la lista la categoría que más se aproxime a su aplicación.<br>**SI SE UTILIZAN RUEDAS LOCAS, AÑADA LO SIGUIENTE AL FACTOR DE SERVICIO:**<br>Rueda Loca en lado flojo (dentro) — Ninguno<br>Rueda Loca en lado flojo (afuera) — 0.1<br>Rueda Loca en lado apretado (dentro) — 0.1<br>Rueda Loca en lado apretado (afuera) — 0.2 | **MOTORES ELÉCTRICOS**<br>AC Torque Normal<br>Jaula de Ardilla<br>y Síncrono<br>AC Fase Dividida<br>DC Devanado Compuesto<br>**Motores de Combustión Interna** | | | **MOTORES ELÉCTRICOS**<br>AC Alto Torque<br>AC Hi-Fase Dividida<br>AC Repulsión-Inducción<br>AC Monofásico<br>Devanado en Serie<br>AC Anillo de Deslizamiento<br>DC Devenado Compuesto | | |
| | **SERVICIO INTERMEDIO** | **SERVICIO NORMAL** | **SERVICIO CONTINUO** | **SERVICIO INTERMEDIO** | **SERVICIO NORMAL** | **SERVICIO CONTINUO** |
| Agitadores para Líquidos<br>Sopladores y Aspiradoras<br>Bombas Centrífugas y Compresoras1.0<br>Ventiladores de hasta 10 Caballos de Fuerza<br>Transportadores de Trabajo Ligero | 1.0 | 1.1 | 1.2 | 1.1 | 1.2 | 1.3 |
| Transportadores de Banda para Arena, Grano, etc.<br>Amasadora<br>Ventiladores de más de 10 Caballos de Fuerza<br>Generadores<br>Ejes de Línea<br>Maquinaria de Lavandería<br>Máquinas-Herramientas<br>Taladros-Prensas-Cortadores<br>Maquinaria de imprenta<br>Bombas Rotatorias de Desplazamiento Positivo<br>Cribas Giratorias y Vibratorias | 1.1 | 1.2 | 1.3 | 1.2 | 1.3 | 1.4 |
| Maquinaria para Ladrillos<br>Elevadores de Cangilones<br>Excitadores<br>Compresores de Pistones<br>Transportadores (Rastras, Helicoidales, Tablillas)<br>Molinos de Martillos<br>Hidropulper<br>Bombas de Pistones<br>Sopladores de Desplazamiento Positivo<br>Pulverizadores<br>Maquinaria para Molinos de Sierra y Trabajos en Madera<br>Maquinaria Textil | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 |
| Quebradoras (Giratorias-Mordaza-Rodillos)<br>Molinos (Bolas- Barras-Rodillos)<br>Malacates<br>Calandria — Extrusoras — Molinos de Hule | 1.3 | 1.4 | 1.5 | 1.5 | 1.6 | 1.8 |
| Equipo con Ahogador | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |

**PARA UNA BUENA SELECCIÓN DE LA TRANSMISIÓN, UTILICE EL FACTOR DE SERVICIO CONTINUO.**

# Selección de Transmisión de Fabricación Especial

**ANTES DE SELECCIONAR UNA TRANSMISIÓN ES NECESARIO CONOCER LA SIGUIENTE INFORMACIÓN:**

1. Potencia y tipo del motor.
2. RPM del motor.
3. RPM y tipo de la máquina impulsada.
4. Distancia aproximada entre centros de los ejes.
5. Diámetros de los ejes de ambas unidades.
6. Horas promedio de operación al día.

**EJEMPLO:**

1. Motor eléctrico de 75 HP de jaula de ardilla, torque normal.
2. La velocidad del motor es de 1160 RPM.
3. La máquina impulsada es una bomba de pistones que gira a 395 RPM.
4. La distancia entre centros deberá estar entre 36" y 48".
5. El diámetro del eje del motor es de 2⅞" y el diámetro del eje de la bomba es de 2¹⁵⁄₁₆" (ambos ejes tienen cuñeros estándar).
6. La transmisión opera 20 horas diarias.

**TABLA 6 — Tabla de Selección para Bandas de Alta Capacidad**

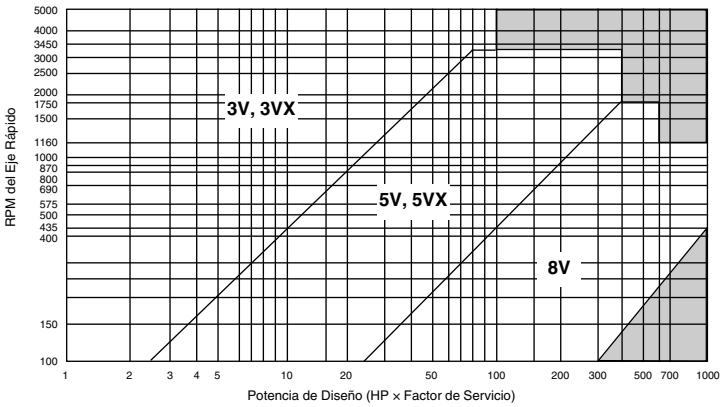
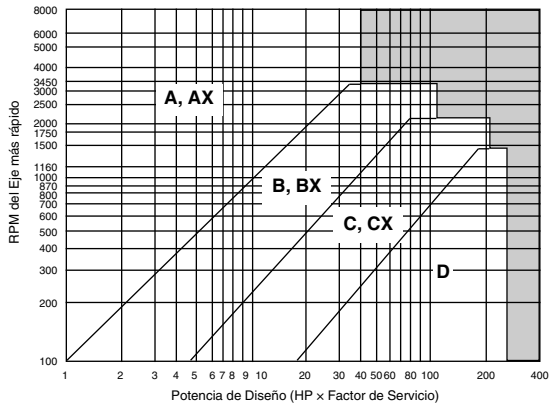



**TABLA 7 — Tabla de Selección para Bandas Convencionales**




Si la aplicación cae en el área sombreada Consulte a Martin.

**TABLA 8 — Diámetro Mínimo Recomendado para la Polea del Motor Eléctrico.**

| POTENCIA DEL MOTOR | RPM DEL MOTOR | | | | | |
|---|---|---|---|---|---|---|
| | 575 | 695 | 870 | 1160 | 1750 | 3450 |
| .50 | 2.50 | 2.50 | 2.50 | — | — | — |
| .75 | 3.00 | 2.50 | 2.50 | 2.50 | — | — |
| 1.00 | 3.00 | 3.00 | 2.50 | 2.50 | 2.25 | — |
| 1.50 | 3.00 | 3.00 | 3.00 | 2.50 | 2.50 | 2.25 |
| 2.00 | 3.75 | 3.00 | 3.00 | 2.50 | 2.50 | 2.50 |
| 3.00 | 4.50 | 3.75 | 3.00 | 3.00 | 2.50 | 2.50 |
| 5.00 | 4.50 | 4.50 | 3.75 | 3.00 | 3.00 | 2.50 |
| 7.50 | 4.25 | 4.50 | 4.50 | 3.75 | 3.00 | 3.00 |
| 10.00 | 6.00 | 5.25 | 4.50 | 4.50 | 3.75 | 3.00 |
| 15.00 | 6.75 | 6.00 | 5.25 | 4.50 | 4.50 | 3.75 |
| 20.00 | 8.25 | 6.75 | 6.00 | 5.25 | 4.50 | 4.50 |
| 25.00 | 9.00 | 8.25 | 6.75 | 6.00 | 4.50 | 4.50★ |
| ★30.00 | 10.00 | 9.00 | 6.75 | 6.75 | 5.25 | — |
| 40.00 | 10.00 | 10.00 | 8.25 | 6.75 | 6.00 | — |
| 50.00 | 11.00 | 10.00 | 9.00 | 8.25 | 6.75 | — |
| 60.00 | 12.00 | 11.00 | 10.00 | 9.00 | 7.50 | — |
| 75.00 | 14.00 | 13.00 | 10.00 | 10.00 | 9.00 | — |
| 100.00 | 18.00 | 15.00 | 13.00 | 13.00 | 10.00 | — |
| 125.00 | 20.00 | 18.00 | 15.00 | 13.00 | 11.00 | — |
| 150.00 | 22.00 | 20.00 | 18.00 | 13.00 | — | — |
| 200.00 | 22.00 | 22.00 | 22.00 | — | — | — |
| 250.00 | 22.00 | 22.00 | — | — | — | — |
| 300.00 | 27.00 | 27.00 | — | — | — | — |

★Nota: Los datos indicados sobre la línea han sido sugeridos en la norma MG 1-3.16 y MG 1-3.16A de NEMA (Nacional Electric Manufactures Association). Los datos indicados debajo de la línea es información recopilada por la EEM (Electric Motors Manufacturers). En ambos casos los valores son conservadores ya que algunos motores y rodamientos pueden permitir el uso de poleas de menor diámetro. Consulte al fabricante del motor.

**PROCEDIMIENTO DE SELECCIÓN PARA TRANSMISIONES DE FABRICACIÓN ESPECIA**

**PASO 1. Determine la Potencia de Diseño**

A. Consulte la Tabla 5, Factores de Servicio. En la columna de la izquierda busque el equipo o un equipo similar al de su aplicación. En las columnas de la derecha busque el tipo de unidad motriz que se usará. En el caso del ejemplo el Factor de Servicio es de 1.4

B. B. Revise la lista de adiciones al Factor de Servicio por efecto de poleas tensoras u otras condiciones de la transmisión que se encuentra bajo las notas de la Tabla 5. En caso de que aplique corrija el Factor de Servicio.
En el caso del ejemplo no hay ningún factor adicional.

C. C. Multiplique la Potencia del Motor por el Factor de Servicio Corregido.
En el caso del ejemplo: Potencia de Diseño = 75 HP × 1.4 = 105 HP.

**PASO 2. Seleccione la Sección de la Banda**

A. Consulte la tabla 6 Tabla de Selección para Bandas de Alta Capacidad o la Tabla 7 Tabla de Selección para Bandas Convencionales. Encuentre la Potencia de Diseño calculada en el paso 1 y suba hasta encontrar la Velocidad del Eje más Rápido. En el punto donde las líneas se intersectan lea la Sección de Banda recomendada para la aplicación.*Ejemplo*: Para una Potencia de Diseño de 105 HP y 1160 RPM las bandas adecuadas son sección 5V (La decisión de utilizar bandas de Alta Capacidad fue arbitraria ya que también podrían haberse utilizado Bandas Convencionales).

B. Si el motor es un motor eléctrico revise el diámetro mínimo de la polea en la Tabla 8. Lea el Diámetro Mínimo Recomendado, en la intersección de la columna de la velocidad del motor con el renglón de la Potencia del Motor. Utilice siempre una polea en el motor que se adecue a los estándares NEMA para Diámetros Mínimos de Poleas (Sí no es posible escoja una polea de mayor diámetro o una sección de banda mayor). En el caso del ejemplo: De la Tabla 8, el Diámetro Mínimo requerido para esta transmisión es de 10".

# Selección de Transmisión de Fabricación Especial

**PASO 3. Determine la Relación de Velocidad**

Divida las RPM del eje más rápido entre las RPM del eje más lento.

*Ejemplo*: Relación de Velocidad = 1160/ 395 = 2.94

Nota: Si va a reemplazar una transmisión de cadena o de engranes, divida el número de dientes del sprocket o del engrane mayor entre el número de dientes del menor. Si va a reemplazar una banda plana o una transmisión de bandas en V, divida el diámetro de la polea mayor entre el diámetro de la polea menor.

**PASO 4. Seleccione los diámetros de las poleas**

Los diámetros de paso de las poleas de línea en existencia se encuentran en la Tabla 9. En caso de no poder obtener una combinación de poleas en existencia que den la relación de velocidad requerida, lo más económico es seleccionar una polea estándar para la de mayor diámetro.

A. Si el diámetro de una de las poleas está determinado por la transmisión, comience con ese diámetro. Si no hay limitaciones en los diámetros de las poleas, comience con el Diámetro de la Polea Motriz indicado en el **extremo superior** de las columnas de la Tabla 9 (diámetro recomendado para la polea motriz). Si el equipo motriz es un motor eléctrico es importante que el Diámetro de la Polea Motriz sea mayor que el indicado en la Tabla 8.

*Ejemplo:* El Diámetro Exterior más grande para una polea de línea 5V que puede usarse como polea motriz es de 16". Este diámetro es mayor que el Diámetro Mínimo Requerido para esta aplicación que es de 10" (Tabla 8). Por lo tanto 16" es un buen comienzo.

B. Calcule la Velocidad de la Banda usando la siguiente fórmula: V = 0.262xDP (Diámetro de Paso de la polea × RPM (de la misma polea). Para poleas de hierro fundido balanceadas estáticamente la Velocidad de la Banda no debe exceder 5000 pies por minuto. Consulte a Martin cuando se exceda los 6500 pies por minuto. *Ejemplo*: Velocidad de la Banda = 0.262 × 15.9 × 1160. Velocidad de la Banda = 4832.33 pies por minuto.

C. C. para determinar el tamaño de la Polea Impulsada, multiplique el DE de la Polea Motriz por la Relación de Velocidad.

*Ejemplo*: 16.0" × 2.94 = 47.0"

Nota: Si se trabaja con la polea impulsada como base, divida su DE entre la Relación de Velocidad.

**D. Si el Diámetro de la polea impulsada** no es de inventario (ver Tabla 9) elija el siguiente diámetro más pequeño **en existencia** y divídalo entre la relación de velocidad para determinar un nuevo Diámetro de Polea Motriz. De esta forma, únicamente la polea motriz se ordenará a la medida, con eso podrá reducir el costo de la transmisión.

*Ejemplo:* El DE de 47" no es de inventario, el siguiente tamaño DE más pequeño es 37.5", por lo tanto, 37.5/2.94 = DE 12.8" para la polea motriz. (Ahora los tamaños son: polea motriz DE 12.8" y polea impulsada DE 37.5).

Nota: Si el DE de la polea motriz se reduce a través del procedimiento anterior, vuelva a revisar el tamaño mínimo requerido por motor eléctrico. Se sugiere también que vuelva a revisar la velocidad de la banda utilizando como base la polea impulsada. Mínimo = 10" Velocidad de banda = 0.262 × 37.4 × 395 = 3870.53

**Paso 5. Determine la Distancia entre Centros y el largo de la banda**

A. Cuando no se especifique la distancia entre centros, utilice (D+3d) /2, donde D=DE de la polea impulsada, y d= DE la polea motriz o utilice el diámetro de la polea impulsada (el que sea más grande) como la distancia entre centros preferida. Para calcular la longitud de la banda requerida cuando se conoce la distancia entre centros: Longitud de la banda = 2C + 1.57 (D+d) + $(D-d)^2$ /4.

Donde C es la distancia entre Centros.

*Ejemplo:* la distancia requerida entre centros especificada en la información original es 36" a 48". Por lo que utilizaremos una distancia media de 42". De no haber existido una Distancia entre Centros se pudo haber utilizado: D+3d/2 = 37.95" como el preferido.

Longitud de la banda+ 2X42 + 1.57 (37.5 – 12.8) + $(37.5-12.8)^2$ /4 × 42 = 166.6 pulgadas.

La Tabla 10 nos indica que la Longitud de Banda en existencia más cercana es de 160 pulgadas. Utilice la fórmula indicada en el siguiente paso para determinar la distancia entre centros real ahora que ya se conoce la distancia entre centros.

B. Para calcular la Distancia entre Centros cuando la Longitud de la Banda es conocida: Distancia entre centros = L – 1.57 (D+d) – $(D-d)^2$ / 1.57(L-R) / 2 en: D = Diámetro exterior de la polea impulsada.

D = Diámetro Exterior de la polea motriz
C = Distancia entre Centros
L = Longitud de la Banda
R = Relación de Velocidad

*Ejemplo:* Usando la banda de línea 5V1600 con una longitud de 160 pulgadas:

C = (160 – 1.57 (37.5 + 12.8) – $(37.5 – 12.8)^2$ / (1.57 (160-2.94))) / 2 = 39.3 pulgadas

**PASO 6. Determine el número de bandas requerido.**

A. Vaya a la Tabla 11 (Factor de Corrección por Arco "G"). En la primera columna encontrará el valor que representa la diferencia entre los diámetros de las poleas dividido entre la distancia entre centros. En el renglón donde encuentre ese valor lea hasta llegar a la columna del Factor G. Interpole si es necesario. Este número es el Factor de Corrección por Arco de Contacto "G".

*Ejemplo:* El factor de corrección por arco de Contacto es: (37.5-12.8) / 39.3 = 0.628.

Factor = 0.90 (por interpretación).

B. En las tablas de Capacidad Básica de Potencia encuentre en la primera columna (en la tabla de la sección de banda correspondiente) las RPM del eje motriz. Interpole si la velocidad exacta no está indicada. Leyendo sobre ese renglón vaya hasta la columna del diámetro de la polea motriz (interpole si es necesario) y encuentre la Capacidad de Potencia por Banda.

*Ejemplo:* La Tabla de Capacidad de Potencia por Banda para la sección 5V nos indica una potencia por banda de 27.19 HP (Esto resulta de interpolar los valores entre 12.5" y 13.2" en donde 13.2 tiene un HP/banda de 28.20 HP y 12.5" tiene un HP/banda de 26.43 HP. Entonces 28.20 - 26.43 = 1.77, (1.77/0.7 × 0.3+ 26.43) = 27.19 HP.

C. Continúe en la misma línea donde leyó la Potencia por Banda hasta la columna Adiciones a la Potencia por Relación de Velocidad. En la columna de la Relación de Velocidad adecuada encontrará la Potencia que deberá añadir a la Potencia por banda debida a la Relación de Velocidad de la transmisión.

*Ejemplo:* La Potencia adicional debida a la relación de velocidad de 2.94 es de 1.26 HP. Por lo que la potencia por banda = 27.19 + 1.26 = 28.45 HP.

D. Multiplique la potencia por banda por el Factor de Corrección por Longitud que encontramos en la tabla 10 y por el Factor de Corrección por Arco calculado en el paso 6A.

*Ejemplo:* La Tabla 10 nos indica que el factor de corrección por longitud es 1.04. Por lo que la Potencia por Banda Corregida = 28.45 × 1.04 × 0.90 = 23.63 HP.

E. Divida la Potencia de Diseño entre la Potencia por Banda Corregida para encontrar el número de bandas requeridas. Si el resultado contiene una fracción redondee al siguiente número entero.

*Ejemplo:* 97.5 / 26.63 = 3.66 = 4 bandas.

**PASO 7. Solicite a Martin**

(1) 4 5V 1280 E (Polea de Fabricación Especial, MTO).
(1) Buje E 2 7/8.
(1) 4 5V 3750 F.
(1) Buje F 2 15/16.

Nota: La selección de los bujes tipo QD fue arbitraria. Estas poleas también están disponibles con buje Taper.

## Tabla 9 — Diámetros de Poleas en Existencia

| A | | B | | C | | D | | 3V | | 5V | | 8V | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso | Diám. Exterior | Diám. de Paso |
| 3.25 | 3.0 | 3.75 | 3.4 | 5.4 | 5.0 | 12.6 | 12.0 | 2.20 | 2.15 | 4.40 | 4.30 | 12.5 | 12.3 |
| 3.45 | 3.2 | 3.95 | 3.6 | 5.9 | 5.5 | 13.6 | 13.0 | 2.35 | 2.30 | 4.65 | 4.55 | 13.2 | 13.0 |
| 3.65 | 3.4 | 4.15 | 3.8 | 6.4 | 6.0 | 14.1 | 13.5 | 2.50 | 2.45 | 4.90 | 4.80 | 14.0 | 13.8 |
| 3.85 | 3.6 | 4.35 | 4.0 | 7.4 | 7.0 | 14.6 | 14.0 | 2.65 | 2.60 | 5.20 | 5.10 | 15.0 | 14.8 |
| 4.05 | 3.8 | 4.55 | 4.2 | 7.9 | 7.5 | 15.1 | 14.5 | 2.80 | 2.75 | 5.50 | 5.40 | 16.0 | 15.8 |
| 4.25 | 4.0 | 4.75 | 4.4 | 8.4 | 8.0 | 15.6 | 15.0 | 3.00 | 2.95 | 5.90 | 5.80 | 17.0 | 16.8 |
| 4.45 | 4.2 | 4.95 | 4.6 | 8.9 | 8.5 | 16.1 | 15.5 | 3.15 | 3.10 | 6.30 | 6.20 | 18.0 | 17.8 |
| 4.65 | 4.4 | 5.15 | 4.8 | 9.4 | 9.0 | 16.6 | 16.0 | 3.35 | 3.30 | 6.70 | 6.60 | 19.0 | 18.8 |
| 4.85 | 4.6 | 5.35 | 5.0 | 9.9 | 9.5 | 18.6 | 18.0 | 3.65 | 3.60 | 7.10 | 7.00 | 20.0 | 19.8 |
| 5.05 | 4.8 | 5.55 | 5.2 | 10.4 | 10.0 | 20.6 | 20.0 | 4.12 | 4.07 | 7.50 | 7.40 | 21.2 | 21.0 |
| 5.25 | 5.0 | 5.75 | 5.4 | 10.9 | 10.5 | 22.6 | 22.0 | 4.50 | 4.45 | 8.00 | 7.90 | 22.4 | 22.2 |
| 5.45 | 5.2 | 5.95 | 5.6 | 11.4 | 11.0 | 27.6 | 27.0 | 4.75 | 4.70 | 8.50 | 8.40 | 24.8 | 24.6 |
| 5.65 | 5.4 | 6.15 | 5.8 | 12.4 | 12.0 | 33.6 | 33.0 | 5.00 | 4.95 | 9.00 | 8.90 | 30.0 | 29.8 |
| 5.85 | 5.6 | 6.35 | 6.0 | 13.4 | 13.0 | 40.6 | 40.0 | 5.30 | 5.25 | 9.25 | 9.15 | 35.5 | 35.3 |
| 6.05 | 5.8 | 6.55 | 6.2 | 14.4 | 14.0 | 48.6 | 48.0 | 5.60 | 5.55 | 9.75 | 9.65 | 40.0 | 39.8 |
| 6.25 | 6.0 | 6.75 | 6.4 | 16.4 | 16.0 | 58.6 | 58.0 | 6.00 | 5.95 | 10.30 | 10.20 | 44.5 | 44.3 |
| 6.45 | 6.2 | 6.95 | 6.6 | 18.4 | 18.0 | | | 6.50 | 6.45 | 10.90 | 10.80 | 53.0 | 52.8 |
| 6.65 | 6.4 | 7.15 | 6.8 | 20.4 | 20.0 | | | 6.90 | 6.85 | 11.30 | 11.20 | 63.0 | 62.8 |
| 6.85 | 6.6 | 7.35 | 7.0 | 24.4 | 24.0 | | | 8.00 | 7.95 | 11.80 | 11.70 | 71.0 | 70.8 |
| 7.25 | 7.0 | 7.75 | 7.4 | 27.4 | 27.0 | | | 10.60 | 10.55 | 12.50 | 12.40 | 95.0 | 94.8 |
| 7.85 | 7.6 | 8.35 | 8.0 | 30.4 | 30.0 | | | 14.00 | 13.95 | 13.20 | 13.10 | | |
| 8.45 | 8.2 | 8.95 | 8.6 | 36.4 | 36.0 | | | 19.00 | 18.95 | 14.00 | 13.90 | | |
| 9.25 | 9.0 | 9.75 | 9.4 | 44.4 | 44.0 | | | 25.00 | 24.95 | 15.00 | 14.90 | | |
| 10.85 | 10.6 | 11.35 | 11.0 | 50.4 | 50.0 | | | 33.50 | 33.45 | 16.00 | 15.90 | | |
| 12.25 | 12.0 | 12.75 | 12.4 | | | | | | | 18.70 | 18.60 | | |
| 13.45 | 13.2 | 13.95 | 13.6 | | | | | | | 21.20 | 21.10 | | |
| 15.25 | 15.0 | 15.75 | 15.4 | | | | | | | 23.60 | 23.50 | | |
| 15.85 | 15.6 | 16.35 | 16.0 | | | | | | | 28.00 | 27.90 | | |
| 18.25 | 18.0 | 18.75 | 18.4 | | | | | | | 31.50 | 31.40 | | |
| 19.85 | 19.6 | 20.35 | 20.0 | | | | | | | 37.50 | 37.40 | | |
| 24.85 | 24.6 | 25.35 | 25.0 | | | | | | | 50.00 | 49.90 | | |
| 29.85 | 29.6 | 30.35 | 30.0 | | | | | | | | | | |
| 37.85 | 37.6 | 38.35 | 38.0 | | | | | | | | | | |

Los diámetros indicados arriba de las líneas gruesas son los recomendados para las poleas motrices.

## Tabla 11 — Factor de Corrección "G" para Arco

| D–d / C | Arco de Contacto Aproximado en Polea Pequeña | Factor "G" |
|---|---|---|
| .00 | 180 | 1.00 |
| .10 | 174 | .99 |
| .20 | 169 | .97 |
| .30 | 163 | .96 |
| .40 | 157 | .94 |
| .50 | 151 | .93 |
| .60 | 145 | .91 |
| .70 | 139 | .89 |
| .80 | 133 | .87 |
| .90 | 127 | .85 |
| 1.00 | 120 | .82 |
| 1.10 | 113 | .80 |
| 1.20 | 106 | .77 |
| 1.30 | 99 | .73 |
| 1.40 | 91 | .70 |
| 1.50 | 83 | .65 |

## Tabla 10 — Largo Exterior de Banda Efectivo y Factores de Corrección

| A | | | B | | | C | | | D | | | 3V | | | 5V | | | 8V | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. | No. de Banda | Largo Efectivo | Factor de Correc. |
| A 26 | 28.1 | 0.81 | B 35 | 37.9 | 0.81 | C 51 | 55.2 | 0.80 | D 120 | 125.2 | .86 | 3VX250 | 25.0 | 0.83 | 5VX 500 | 50.0 | 0.85 | 8V1000 | 100.0 | 0.87 |
| A 31 | 33.1 | 0.84 | B 38 | 40.9 | 0.83 | C 60 | 64.2 | 0.82 | D 128 | 133.2 | 0.87 | 3VX 265 | 26.5 | 0.84 | 5VX 530 | 53.0 | 0.86 | 8V1060 | 106.0 | 0.88 |
| A 35 | 37.1 | 0.87 | B 42 | 44.9 | 0.85 | C 68 | 72.2 | 0.85 | D144 | 149.2 | 0.90 | 3VX 280 | 28.0 | 0.85 | 5VX 560 | 56.0 | 0.87 | 8V1120 | 112.0 | 0.88 |
| A 38 | 40.1 | 0.88 | B 46 | 48.9 | 0.87 | C 75 | 79.2 | 0.87 | D 158 | 163.2 | 0.92 | 3VX 300 | 30.0 | 0.86 | 5VX 600 | 60.0 | 0.88 | 8V1180 | 118.0 | 0.89 |
| A 42 | 44.1 | 0.90 | B 51 | 53.9 | 0.89 | C 81 | 85.2 | 0.89 | D173 | 178.2 | 0.93 | 3VX 315 | 31.5 | 0.87 | 5VX 630 | 63.0 | 0.89 | 8V1250 | 125.0 | 0.90 |
| A 46 | 48.1 | 0.92 | B 55 | 57.9 | 0.90 | C 85 | 89.2 | 0.90 | D180 | 185.2 | 0.94 | 3VX 335 | 33.5 | 0.88 | 5VX 670 | 67.0 | 0.90 | 8V1320 | 132.0 | 0.91 |
| A 51 | 53.1 | 0.94 | B 60 | 62.9 | 0.92 | C 90 | 94.2 | 0.91 | D195 | 200.2 | 0.96 | 3VX 355 | 35.5 | 0.89 | 5VX710 | 71.0 | 0.91 | 8V1400 | 140.0 | 0.92 |
| A 55 | 55.1 | 0.96 | B 68 | 70.9 | 0.95 | C 96 | 100.2 | 0.92 | D210 | 212.7 | 0.96 | 3VX 375 | 37.5 | 0.90 | 5VX 750 | 75.0 | 0.92 | 8V1500 | 150.0 | 0.93 |
| A 60 | 62.1 | 0.98 | B 75 | 77.9 | 0.97 | C105 | 109.2 | 0.94 | D240 | 242.7 | 1.00 | 3VX 400 | 40.0 | 0.92 | 5VX 800 | 80.0 | 0.93 | 8V1600 | 160.0 | 0.94 |
| A 68 | 70.1 | 1.00 | B 81 | 83.9 | 0.98 | C112 | 116.2 | 0.95 | D270 | 272.7 | 1.03 | 3VX 425 | 42.5 | 0.93 | 5VX 850 | 85.0 | 0.94 | 8V1700 | 170.0 | 0.95 |
| A 75 | 77.1 | 1.02 | B 85 | 87.9 | 0.99 | C120 | 124.2 | 0.97 | D300 | 302.7 | 1.05 | 3VX 450 | 45.0 | 0.94 | 5VX 900 | 90.0 | 0.95 | 8V1800 | 180.0 | 0.95 |
| A 80 | 82.1 | 1.04 | B 90 | 92.9 | 1.00 | C128 | 132.2 | 0.98 | D330 | 332.7 | 1.07 | 3VX 475 | 47.5 | 0.95 | 5VX 950 | 95.0 | 0.96 | 8V1900 | 190.0 | 0.96 |
| A 85 | 87.1 | 1.05 | B 97 | 99.9 | 1.02 | C144 | 148.2 | 1.00 | D360 | 362.7 | 1.09 | 3VX 500 | 50.0 | 0.96 | 5VX1000 | 100.0 | 0.96 | 8V2000 | 200.0 | 0.97 |
| A 90 | 92.1 | 1.06 | B105 | 107.9 | 1.04 | C158 | 162.2 | 1.02 | D390 | 392.7 | 1.11 | 3VX 530 | 53.0 | 0.97 | 5VX1060 | 106.0 | 0.97 | 8V2120 | 212.0 | 0.98 |
| A 96 | 98.1 | 1.08 | B112 | 114.9 | 1.05 | C173 | 177.2 | 1.04 | D420 | 422.7 | 1.12 | 3VX 560 | 56.0 | 0.98 | 5VX1120 | 112.0 | 0.98 | 8V2240 | 224.0 | 0.98 |
| A105 | 107.1 | 1.10 | B120 | 122.9 | 1.07 | C180 | 184.2 | 1.05 | D480 | 482.7 | 1.16 | 3VX 600 | 60.0 | 0.99 | 5VX1180 | 118.0 | 0.99 | 8V2360 | 236.0 | 0.99 |
| A112 | 114.1 | 1.11 | B128 | 130.9 | 1.08 | C195 | 199.2 | 1.07 | D540 | 542.7 | 1.18 | 3VX 630 | 63.0 | 1.00 | 5VX1250 | 125.0 | 1.00 | 8V2500 | 250.0 | 1.00 |
| A120 | 122.1 | 1.13 | B144 | 146.9 | 1.11 | C210 | 212.2 | 1.08 | D600 | 602.7 | 1.20 | 3VX 670 | 67.0 | 1.01 | 5VX1320 | 132.0 | 1.01 | 8V2650 | 265.0 | 1.01 |
| A128 | 130.1 | 1.14 | B158 | 160.9 | 1.13 | C240 | 242.2 | 1.11 | | | | 3VX 710 | 71.0 | 1.02 | 5VX1400 | 140.0 | 1.02 | 8V2800 | 280.0 | 1.00 |
| | | | B173 | 175.9 | 1.15 | C270 | 272.2 | 1.14 | | | | 3VX 750 | 75.0 | 1.03 | 5VX1500 | 150.0 | 1.03 | 8V3000 | 300.0 | 1.00 |
| | | | B180 | 182.9 | 1.16 | C300 | 302.2 | 1.16 | | | | 3VX 800 | 80.0 | 1.04 | 5VX1600 | 160.0 | 1.04 | 8V3150 | 315.0 | 1.03 |
| | | | B195 | 197.9 | 1.18 | C330 | 332.2 | 1.19 | | | | 3VX 850 | 85.0 | 1.05 | 5VX1700 | 170.0 | 1.05 | 8V3350 | 335.0 | 1.04 |
| | | | B210 | 211.4 | 1.19 | C360 | 362.2 | 1.21 | | | | 3VX900 | 90.0 | 1.07 | 5VX1800 | 180.0 | 1.06 | 8V3550 | 355.0 | 1.05 |
| | | | B240 | 241.4 | 1.22 | C390 | 392.2 | 1.23 | | | | 3VX 950 | 95.0 | 1.08 | 5VX1900 | 190.0 | 1.07 | 8V3750 | 375.0 | 1.06 |
| | | | B270 | 271.4 | 1.25 | C420 | 422.2 | 1.24 | | | | 3VX1000 | 100.0 | 1.09 | 5VX2000 | 200.0 | 1.08 | 8V4000 | 400.0 | 1.07 |
| | | | B300 | 301.4 | 1.27 | | | | | | | 3VX1060 | 106.0 | 1.10 | 5V 2120 | 212.0 | 1.08 | 8V4250 | 425.0 | 1.08 |
| | | | | | | | | | | | | 3VX1120 | 112.0 | 1.11 | 5V 2240 | 224.0 | 1.09 | 8V4500 | 450.0 | 1.09 |
| | | | | | | | | | | | | 3VX1180 | 118.0 | 1.12 | 5V 2360 | 236.0 | 1.10 | 8V4750 | 475.0 | 1.10 |
| | | | | | | | | | | | | 3VX1250 | 125.0 | 1.13 | 5V 2500 | 250.0 | 1.11 | 8V5000 | 500.0 | 1.11 |
| | | | | | | | | | | | | 3VX1320 | 132.0 | 1.15 | 5V 2650 | 265.0 | 1.12 | | | |
| | | | | | | | | | | | | 3VX1400 | 140.0 | 1.16 | 5V 2800 | 280.0 | 1.13 | | | |
| | | | | | | | | | | | | | | | 5V 3000 | 300.0 | 1.14 | | | |
| | | | | | | | | | | | | | | | 5V 3150 | 315.0 | 1.15 | | | |
| | | | | | | | | | | | | | | | 5V 3350 | 335.0 | 1.16 | | | |
| | | | | | | | | | | | | | | | 5V 3550 | 355.0 | 1.17 | | | |

# 3V Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.20 | 2.35 | 2.50 | 2.65 | 2.80 | 3.00 | 3.15 | 3.35 | 3.65 | 4.12 | 4.50 | 4.75 | 5.00 | 5.30 |
| 575 | 0.37 | 0.47 | 0.56 | 0.66 | 0.75 | 0.88 | 0.97 | 1.09 | 1.28 | 1.57 | 1.80 | 1.95 | 2.10 | 2.28 |
| 690 | 0.43 | 0.54 | 0.65 | 0.76 | 0.88 | 1.02 | 1.13 | 1.28 | 1.50 | 1.84 | 2.11 | 2.29 | 2.47 | 2.68 |
| 725 | 0.44 | 0.56 | 0.68 | 0.80 | 0.91 | 1.07 | 1.18 | 1.34 | 1.57 | 1.92 | 2.21 | 2.39 | 2.58 | 2.80 |
| 870 | 0.50 | 0.64 | 0.78 | 0.92 | 1.06 | 1.24 | 1.38 | 1.56 | 1.83 | 2.25 | 2.59 | 2.81 | 3.03 | 3.29 |
| 950 | 0.54 | 0.69 | 0.84 | 0.99 | 1.14 | 1.34 | 1.49 | 1.68 | 1.98 | 2.43 | 2.80 | 3.04 | 3.27 | 3.55 |
| 1160 | 0.62 | 0.80 | 0.98 | 1.16 | 1.34 | 1.58 | 1.76 | 1.99 | 2.35 | 2.89 | 3.33 | 3.61 | 3.89 | 4.23 |
| 1425 | 0.71 | 0.93 | 1.15 | 1.36 | 1.58 | 1.87 | 2.08 | 2.37 | 2.79 | 3.45 | 3.97 | 4.31 | 4.65 | 5.05 |
| 1750 | 0.80 | 1.07 | 1.33 | 1.60 | 1.86 | 2.20 | 2.46 | 2.80 | 3.31 | 4.09 | 4.72 | 5.13 | 5.53 | 6.01 |
| 2850 | 1.05 | 1.46 | 1.87 | 2.27 | 2.67 | 3.20 | 3.59 | 4.11 | 4.87 | 6.03 | 6.95 | 7.54 | 8.11 | 8.79 |
| 3450 | 1.14 | 1.62 | 2.10 | 2.57 | 3.04 | 3.65 | 4.11 | 4.71 | 5.59 | 6.92 | 7.95 | 8.61 | 9.24 | 9.98 |
| 100 | 0.09 | 0.11 | 0.13 | 0.15 | 0.17 | 0.19 | 0.21 | 0.23 | 0.27 | 0.33 | 0.37 | 0.40 | 0.43 | 0.47 |
| 200 | 0.16 | 0.20 | 0.24 | 0.27 | 0.31 | 0.35 | 0.39 | 0.43 | 0.50 | 0.61 | 0.70 | 0.75 | 0.81 | 0.88 |
| 300 | 0.23 | 0.28 | 0.33 | 0.38 | 0.43 | 0.50 | 0.55 | 0.62 | 0.72 | 0.88 | 1.01 | 1.09 | 1.17 | 1.27 |
| 400 | 0.28 | 0.35 | 0.42 | 0.49 | 0.55 | 0.64 | 0.71 | 0.80 | 0.93 | 1.14 | 1.30 | 1.41 | 1.52 | 1.64 |
| 500 | 0.34 | 0.42 | 0.50 | 0.59 | 0.67 | 0.78 | 0.86 | 0.97 | 1.13 | 1.38 | 1.59 | 1.72 | 1.85 | 2.01 |
| 600 | 0.38 | 0.48 | 0.58 | 0.68 | 0.78 | 0.91 | 1.01 | 1.14 | 1.33 | 1.63 | 1.87 | 2.02 | 2.18 | 2.37 |
| 700 | 0.43 | 0.55 | 0.66 | 0.77 | 0.89 | 1.04 | 1.15 | 1.30 | 1.52 | 1.86 | 2.14 | 2.32 | 2.50 | 2.71 |
| 800 | 0.47 | 0.60 | 0.73 | 0.86 | 0.99 | 1.16 | 1.29 | 1.45 | 1.70 | 2.09 | 2.41 | 2.61 | 2.81 | 3.05 |
| 900 | 0.52 | 0.66 | 0.80 | 0.95 | 1.09 | 1.28 | 1.42 | 1.61 | 1.89 | 2.32 | 2.67 | 2.89 | 3.12 | 3.39 |
| 1000 | 0.56 | 0.72 | 0.87 | 1.03 | 1.19 | 1.40 | 1.55 | 1.76 | 2.07 | 2.54 | 2.93 | 3.17 | 3.42 | 3.72 |
| 1100 | 0.59 | 0.77 | 0.94 | 1.11 | 1.28 | 1.51 | 1.68 | 1.91 | 2.24 | 2.76 | 3.18 | 3.45 | 3.72 | 4.04 |
| 1200 | 0.63 | 0.82 | 1.01 | 1.19 | 1.38 | 1.62 | 1.81 | 2.05 | 2.41 | 2.98 | 3.43 | 3.72 | 4.01 | 4.36 |
| 1300 | 0.66 | 0.87 | 1.07 | 1.27 | 1.47 | 1.73 | 1.93 | 2.19 | 2.58 | 3.19 | 3.67 | 3.98 | 4.30 | 4.67 |
| 1400 | 0.70 | 0.91 | 1.13 | 1.35 | 1.56 | 1.84 | 2.05 | 2.33 | 2.75 | 3.39 | 3.91 | 4.25 | 4.58 | 4.98 |
| 1500 | 0.73 | 0.96 | 1.19 | 1.42 | 1.65 | 1.95 | 2.17 | 2.47 | 2.91 | 3.60 | 4.15 | 4.50 | 4.86 | 5.28 |
| 1600 | 0.76 | 1.01 | 1.25 | 1.49 | 1.73 | 2.05 | 2.29 | 2.61 | 3.07 | 3.80 | 4.38 | 4.75 | 5.13 | 5.57 |
| 1700 | 0.79 | 1.05 | 1.31 | 1.56 | 1.82 | 2.15 | 2.41 | 2.74 | 3.23 | 4.00 | 4.61 | 5.00 | 5.40 | 5.86 |
| 1800 | 0.82 | 1.09 | 1.36 | 1.63 | 1.90 | 2.25 | 2.52 | 2.87 | 3.39 | 4.19 | 4.83 | 5.25 | 5.66 | 6.15 |
| 1900 | 0.84 | 1.13 | 1.42 | 1.70 | 1.98 | 2.35 | 2.63 | 3.00 | 3.54 | 4.38 | 5.05 | 5.49 | 5.92 | 6.43 |
| 2000 | 0.87 | 1.17 | 1.47 | 1.77 | 2.06 | 2.45 | 2.74 | 3.12 | 3.69 | 4.57 | 5.27 | 5.72 | 6.17 | 6.70 |
| 2100 | 0.90 | 1.21 | 1.52 | 1.83 | 2.14 | 2.54 | 2.85 | 3.25 | 3.84 | 4.76 | 5.48 | 5.95 | 6.42 | 6.97 |
| 2200 | 0.92 | 1.25 | 1.57 | 1.89 | 2.21 | 2.64 | 2.95 | 3.37 | 3.99 | 4.94 | 5.69 | 6.18 | 6.66 | 7.23 |
| 2300 | 0.94 | 1.28 | 1.62 | 1.96 | 2.29 | 2.73 | 3.05 | 3.49 | 4.13 | 5.11 | 5.89 | 6.40 | 6.90 | 7.49 |
| 2400 | 0.96 | 1.32 | 1.67 | 2.02 | 2.36 | 2.82 | 3.16 | 3.60 | 4.27 | 5.29 | 6.10 | 6.62 | 7.13 | 7.74 |
| 2500 | 0.98 | 1.35 | 1.71 | 2.07 | 2.43 | 2.91 | 3.26 | 3.72 | 4.41 | 5.46 | 6.29 | 6.83 | 7.36 | 7.98 |
| 2600 | 1.00 | 1.38 | 1.76 | 2.13 | 2.50 | 2.99 | 3.35 | 3.83 | 4.54 | 5.63 | 6.49 | 7.04 | 7.58 | 8.22 |
| 2700 | 1.02 | 1.42 | 1.80 | 2.19 | 2.57 | 3.08 | 3.45 | 3.94 | 4.68 | 5.79 | 6.67 | 7.24 | 7.80 | 8.45 |
| 2800 | 1.04 | 1.45 | 1.85 | 2.24 | 2.64 | 3.16 | 3.54 | 4.05 | 4.81 | 5.96 | 6.86 | 7.44 | 8.01 | 8.68 |
| 2900 | 1.06 | 1.48 | 1.89 | 2.30 | 2.70 | 3.24 | 3.64 | 4.16 | 4.93 | 6.11 | 7.04 | 7.63 | 8.22 | 8.90 |
| 3000 | 1.07 | 1.50 | 1.93 | 2.35 | 2.77 | 3.32 | 3.73 | 4.26 | 5.06 | 6.27 | 7.21 | 7.82 | 8.42 | 9.11 |
| 3200 | 1.10 | 1.56 | 2.01 | 2.45 | 2.89 | 3.47 | 3.90 | 4.47 | 5.30 | 6.57 | 7.55 | 8.18 | 8.80 | 9.52 |
| 3400 | 1.13 | 1.61 | 2.08 | 2.55 | 3.01 | 3.62 | 4.07 | 4.66 | 5.53 | 6.85 | 7.87 | 8.52 | 9.16 | 9.89 |
| 3600 | 1.15 | 1.65 | 2.15 | 2.64 | 3.12 | 3.76 | 4.23 | 4.85 | 5.75 | 7.12 | 8.17 | 8.84 | 9.49 | 10.24 |
| 3800 | 1.17 | 1.70 | 2.21 | 2.72 | 3.23 | 3.89 | 4.38 | 5.02 | 5.96 | 7.37 | 8.46 | 9.14 | 9.80 | 10.56 |
| 4000 | 1.19 | 1.73 | 2.27 | 2.80 | 3.33 | 4.02 | 4.52 | 5.19 | 6.16 | 7.61 | 8.72 | 9.41 | 10.08 | 10.85 |
| 4200 | 1.20 | 1.77 | 2.33 | 2.88 | 3.42 | 4.13 | 4.66 | 5.34 | 6.34 | 7.83 | 8.96 | 9.66 | 10.34 | 11.10 |
| 4400 | 1.21 | 1.79 | 2.38 | 2.95 | 3.51 | 4.24 | 4.78 | 5.49 | 6.51 | 8.03 | 9.18 | 9.89 | 10.56 | 11.32 |
| 4600 | 1.21 | 1.82 | 2.42 | 3.01 | 3.59 | 4.35 | 4.90 | 5.63 | 6.67 | 8.22 | 9.37 | 10.08 | 10.75 | 11.51 |
| 4800 | 1.21 | 1.84 | 2.46 | 3.07 | 3.66 | 4.44 | 5.01 | 5.75 | 6.82 | 8.38 | 9.55 | 10.25 | 10.92 | 11.65 |
| 5000 | 1.21 | 1.86 | 2.49 | 3.12 | 3.73 | 4.53 | 5.11 | 5.87 | 6.95 | 8.53 | 9.69 | 10.40 | 11.05 | 11.76 |
| 5200 | 1.20 | 1.87 | 2.52 | 3.16 | 3.79 | 4.61 | 5.20 | 5.97 | 7.07 | 8.66 | 9.82 | 10.51 | 11.15 | 11.83 |
| 5400 | 1.19 | 1.87 | 2.55 | 3.20 | 3.85 | 4.68 | 5.28 | 6.06 | 7.18 | 8.77 | 9.92 | 10.60 | 11.21 | 11.86 |
| 5600 | 1.17 | 1.88 | 2.56 | 3.24 | 3.89 | 4.74 | 5.36 | 6.15 | 7.27 | 8.86 | 9.99 | 10.65 | 11.24 | 11.85 |
| 5800 | 1.15 | 1.87 | 2.58 | 3.26 | 3.93 | 4.79 | 5.42 | 6.22 | 7.35 | 8.93 | 10.04 | 10.68 | 11.23 | 11.80 |
| 6000 | 1.13 | 1.87 | 2.59 | 3.28 | 3.96 | 4.84 | 5.47 | 6.27 | 7.41 | 8.98 | 10.06 | 10.67 | 11.19 | 11.70 |
| 6200 | 1.11 | 1.86 | 2.59 | 3.30 | 3.99 | 4.87 | 5.51 | 6.32 | 7.45 | 9.00 | 10.05 | 10.62 | 11.11 | 11.56 |
| 6400 | 1.07 | 1.84 | 2.58 | 3.31 | 4.00 | 4.90 | 5.54 | 6.35 | 7.48 | 9.01 | 10.01 | 10.55 | 10.98 | 11.36 |
| 6600 | 1.04 | 1.82 | 2.57 | 3.31 | 4.01 | 4.91 | 5.56 | 6.37 | 7.49 | 8.98 | 9.94 | 10.43 | 10.82 | 11.12 |
| 6800 | 1.00 | 1.79 | 2.56 | 3.30 | 4.01 | 4.92 | 5.57 | 6.38 | 7.49 | 8.94 | 9.84 | 10.29 | 10.61 | 10.83 |
| 7000 | 0.96 | 1.76 | 2.54 | 3.29 | 4.01 | 4.92 | 5.56 | 6.37 | 7.46 | 8.87 | 9.71 | 10.10 | 10.36 | 10.49 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP 3V

| Diámetro Exterior de la Polea (en pulgadas) | | | | | | "Añada" HP por Relacion de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.60 | 6.00 | 6.50 | 6.90 | 8.00 | 10.60 | 1.02-1.05 | 1.06-1.11 | 1.12-1.18 | 1.19-1.26 | 1.27-1.38 | 1.39-1.57 | 1.58-1.94 | 1.95-3.38 | 3.39 o más | |
| 2.46 | 2.69 | 2.99 | 3.22 | 3.86 | 5.32 | 0.01 | 0.03 | 0.05 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 | 0.12 | 575 |
| 2.89 | 3.17 | 3.52 | 3.79 | 4.54 | 6.26 | 0.01 | 0.03 | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 690 |
| 3.02 | 3.31 | 3.67 | 3.96 | 4.74 | 6.54 | 0.01 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 725 |
| 3.55 | 3.89 | 4.32 | 4.66 | 5.58 | 7.67 | 0.02 | 0.04 | 0.07 | 0.10 | 0.12 | 0.14 | 0.16 | 0.18 | 0.19 | 870 |
| 3.84 | 4.21 | 4.67 | 5.03 | 6.02 | 8.28 | 0.02 | 0.05 | 0.08 | 0.11 | 0.13 | 0.16 | 0.18 | 0.19 | 0.21 | 950 |
| 4.57 | 5.01 | 5.56 | 5.99 | 7.16 | 9.79 | 0.02 | 0.06 | 0.10 | 0.14 | 0.16 | 0.19 | 0.22 | 0.24 | 0.25 | 1160 |
| 5.45 | 5.98 | 6.63 | 7.14 | 8.52 | 11.56 | 0.03 | 0.07 | 0.12 | 0.17 | 0.20 | 0.24 | 0.27 | 0.29 | 0.31 | 1425 |
| 6.48 | 7.10 | 7.86 | 8.46 | 10.05 | 13.46 | 0.03 | 0.09 | 0.15 | 0.20 | 0.25 | 0.29 | 0.33 | 0.36 | 0.38 | 1750 |
| 9.45 | 10.30 | 11.31 | 12.09 | 14.02 | 17.30 | 0.05 | 0.14 | 0.24 | 0.33 | 0.40 | 0.47 | 0.53 | 0.58 | 0.62 | 2850 |
| 10.70 | 11.60 | 12.65 | 13.42 | 15.22 | 17.24 | 0.06 | 0.17 | 0.30 | 0.40 | 0.49 | 0.57 | 0.65 | 0.70 | 0.75 | 3450 |
| 0.50 | 0.55 | 0.61 | 0.65 | 0.78 | 1.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 100 |
| 0.95 | 1.04 | 1.15 | 1.23 | 1.48 | 2.04 | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 200 |
| 1.37 | 1.50 | 1.66 | 1.79 | 2.14 | 2.95 | 0.01 | 0.01 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.06 | 0.06 | 300 |
| 1.77 | 1.94 | 2.15 | 2.32 | 2.78 | 3.84 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 400 |
| 2.17 | 2.37 | 2.63 | 2.84 | 3.40 | 4.69 | 0.01 | 0.02 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 500 |
| 2.55 | 2.80 | 3.10 | 3.35 | 4.01 | 5.53 | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 600 |
| 2.93 | 3.21 | 3.56 | 3.84 | 4.60 | 6.34 | 0.01 | 0.03 | 0.06 | 0.08 | 0.10 | 0.12 | 0.13 | 0.14 | 0.15 | 700 |
| 3.30 | 3.61 | 4.01 | 4.32 | 5.18 | 7.13 | 0.01 | 0.04 | 0.07 | 0.09 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 800 |
| 3.66 | 4.01 | 4.45 | 4.80 | 5.74 | 7.90 | 0.02 | 0.04 | 0.08 | 0.11 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 900 |
| 4.01 | 4.40 | 4.88 | 5.26 | 6.30 | 8.65 | 0.02 | 0.05 | 0.09 | 0.12 | 0.14 | 0.17 | 0.19 | 0.20 | 0.22 | 1000 |
| 4.36 | 4.78 | 5.31 | 5.72 | 6.84 | 9.37 | 0.02 | 0.05 | 0.09 | 0.13 | 0.16 | 0.18 | 0.21 | 0.22 | 0.24 | 1100 |
| 4.70 | 5.16 | 5.72 | 6.17 | 7.37 | 10.07 | 0.02 | 0.06 | 0.10 | 0.14 | 0.17 | 0.20 | 0.22 | 0.24 | 0.26 | 1200 |
| 5.04 | 5.53 | 6.13 | 6.61 | 7.89 | 10.75 | 0.02 | 0.06 | 0.11 | 0.15 | 0.18 | 0.22 | 0.24 | 0.26 | 0.28 | 1300 |
| 5.37 | 5.89 | 6.53 | 7.03 | 8.39 | 11.40 | 0.03 | 0.07 | 0.12 | 0.16 | 0.20 | 0.23 | 0.26 | 0.29 | 0.30 | 1400 |
| 5.69 | 6.24 | 6.92 | 7.45 | 8.88 | 12.02 | 0.03 | 0.07 | 0.13 | 0.18 | 0.21 | 0.25 | 0.28 | 0.31 | 0.32 | 1500 |
| 6.01 | 6.59 | 7.30 | 7.86 | 9.36 | 12.62 | 0.03 | 0.08 | 0.14 | 0.19 | 0.23 | 0.27 | 0.30 | 0.33 | 0.35 | 1600 |
| 6.32 | 6.93 | 7.68 | 8.26 | 9.82 | 13.19 | 0.03 | 0.08 | 0.15 | 0.20 | 0.24 | 0.28 | 0.32 | 0.35 | 0.37 | 1700 |
| 6.63 | 7.26 | 8.04 | 8.65 | 10.27 | 13.73 | 0.03 | 0.09 | 0.15 | 0.21 | 0.26 | 0.30 | 0.34 | 0.37 | 0.39 | 1800 |
| 6.93 | 7.59 | 8.40 | 9.03 | 10.71 | 14.24 | 0.03 | 0.09 | 0.16 | 0.22 | 0.27 | 0.32 | 0.36 | 0.39 | 0.41 | 1900 |
| 7.22 | 7.91 | 8.75 | 9.40 | 11.13 | 14.72 | 0.04 | 0.10 | 0.17 | 0.23 | 0.28 | 0.33 | 0.37 | 0.41 | 0.43 | 2000 |
| 7.51 | 8.22 | 9.09 | 9.76 | 11.53 | 15.16 | 0.04 | 0.10 | 0.18 | 0.25 | 0.30 | 0.35 | 0.39 | 0.43 | 0.45 | 2100 |
| 7.79 | 8.52 | 9.42 | 10.11 | 11.92 | 15.57 | 0.04 | 0.11 | 0.19 | 0.26 | 0.31 | 0.37 | 0.41 | 0.45 | 0.48 | 2200 |
| 8.06 | 8.82 | 9.74 | 10.45 | 12.29 | 15.94 | 0.04 | 0.11 | 0.20 | 0.27 | 0.33 | 0.38 | 0.43 | 0.47 | 0.50 | 2300 |
| 8.33 | 9.11 | 10.05 | 10.77 | 12.65 | 16.28 | 0.04 | 0.12 | 0.21 | 0.28 | 0.34 | 0.40 | 0.45 | 0.49 | 0.52 | 2400 |
| 8.59 | 9.39 | 10.35 | 11.09 | 12.99 | 16.58 | 0.05 | 0.12 | 0.21 | 0.29 | 0.35 | 0.42 | 0.47 | 0.51 | 0.54 | 2500 |
| 8.85 | 9.66 | 10.64 | 11.39 | 13.31 | 16.84 | 0.05 | 0.13 | 0.22 | 0.30 | 0.37 | 0.43 | 0.49 | 0.53 | 0.56 | 2600 |
| 9.09 | 9.92 | 10.92 | 11.68 | 13.61 | 17.06 | 0.05 | 0.13 | 0.23 | 0.32 | 0.38 | 0.45 | 0.51 | 0.55 | 0.58 | 2700 |
| 9.33 | 10.17 | 11.18 | 11.96 | 13.89 | 17.23 | 0.05 | 0.14 | 0.24 | 0.33 | 0.40 | 0.47 | 0.52 | 0.57 | 0.60 | 2800 |
| 9.56 | 10.42 | 11.44 | 12.22 | 14.15 | 17.36 | 0.05 | 0.14 | 0.25 | 0.34 | 0.41 | 0.48 | 0.54 | 0.59 | 0.63 | 2900 |
| 9.79 | 10.66 | 11.69 | 12.47 | 14.39 | 17.45 | 0.05 | 0.15 | 0.26 | 0.35 | 0.43 | 0.50 | 0.56 | 0.61 | 0.65 | 3000 |
| 10.21 | 11.10 | 12.15 | 12.93 | 14.81 | 17.48 | 0.06 | 0.16 | 0.27 | 0.37 | 0.45 | 0.53 | 0.60 | 0.65 | 0.69 | 3200 |
| 10.60 | 11.50 | 12.55 | 13.33 | 15.15 | 17.32 | 0.06 | 0.17 | 0.29 | 0.40 | 0.48 | 0.56 | 0.64 | 0.69 | 0.73 | 3400 |
| 10.96 | 11.87 | 12.91 | 13.67 | 15.39 | 16.94 | 0.07 | 0.18 | 0.31 | 0.42 | 0.51 | 0.60 | 0.67 | 0.73 | 0.78 | 3600 |
| 11.28 | 12.19 | 13.21 | 13.95 | 15.54 | — | 0.07 | 0.19 | 0.33 | 0.44 | 0.54 | 0.63 | 0.71 | 0.77 | 0.82 | 3800 |
| 11.57 | 12.46 | 13.46 | 14.16 | 15.58 | — | 0.07 | 0.20 | 0.34 | 0.47 | 0.57 | 0.66 | 0.75 | 0.82 | 0.86 | 4000 |
| 11.82 | 12.69 | 13.65 | 14.30 | 15.52 | — | 0.08 | 0.21 | 0.36 | 0.49 | 0.60 | 0.70 | 0.79 | 0.86 | 0.91 | 4200 |
| 12.03 | 12.87 | 13.78 | 14.37 | 15.35 | — | 0.08 | 0.22 | 0.38 | 0.51 | 0.62 | 0.73 | 0.82 | 0.90 | 0.95 | 4400 |
| 12.19 | 13.01 | 13.85 | 14.37 | 15.06 | — | 0.08 | 0.23 | 0.40 | 0.54 | 0.65 | 0.76 | 0.86 | 0.94 | 0.99 | 4600 |
| 12.32 | 13.08 | 13.85 | 14.29 | 14.65 | — | 0.09 | 0.24 | 0.41 | 0.56 | 0.68 | 0.80 | 0.90 | 0.98 | 1.04 | 4800 |
| 12.40 | 13.11 | 13.78 | 14.12 | — | — | 0.09 | 0.25 | 0.43 | 0.59 | 0.71 | 0.83 | 0.94 | 1.02 | 1.08 | 5000 |
| 12.43 | 13.08 | 13.64 | 13.87 | — | — | 0.09 | 0.26 | 0.45 | 0.61 | 0.74 | 0.86 | 0.97 | 1.06 | 1.12 | 5200 |
| 12.42 | 12.99 | 13.43 | 13.54 | — | — | 0.10 | 0.27 | 0.46 | 0.63 | 0.77 | 0.90 | 1.01 | 1.10 | 1.17 | 5400 |
| 12.35 | 12.84 | 13.14 | — | — | — | 0.10 | 0.28 | 0.48 | 0.66 | 0.80 | 0.93 | 1.05 | 1.14 | 1.21 | 5600 |
| 12.24 | 12.63 | 12.77 | — | — | — | 0.11 | 0.29 | 0.50 | 0.68 | 0.82 | 0.96 | 1.08 | 1.18 | 1.25 | 5800 |
| 12.08 | 12.36 | — | — | — | — | 0.11 | 0.30 | 0.52 | 0.70 | 0.85 | 1.00 | 1.12 | 1.22 | 1.30 | 6000 |
| 11.86 | 12.02 | — | — | — | — | 0.11 | 0.31 | 0.53 | 0.73 | 0.88 | 1.03 | 1.16 | 1.26 | 1.34 | 6200 |
| 11.58 | 11.61 | — | — | — | — | 0.12 | 0.32 | 0.55 | 0.75 | 0.91 | 1.06 | 1.20 | 1.30 | 1.38 | 6400 |
| 11.25 | — | — | — | — | — | 0.12 | 0.33 | 0.57 | 0.77 | 0.94 | 1.10 | 1.23 | 1.35 | 1.43 | 6600 |
| 10.86 | — | — | — | — | — | 0.12 | 0.34 | 0.58 | 0.80 | 0.97 | 1.13 | 1.27 | 1.39 | 1.47 | 6800 |
| — | — | — | — | — | — | 0.13 | 0.35 | 0.60 | 0.82 | 0.99 | 1.16 | 1.31 | 1.43 | 1.51 | 7000 |

# 3VX Capacidad Básica de Potencia HP

Martin

| RPM del Eje más Rápido | Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.20 | 2.35 | 2.50 | 2.65 | 2.80 | 3.00 | 3.15 | 3.35 | 3.65 | 4.12 | 4.50 | 4.75 | 5.00 | 5.30 |
| 575 | 0.55 | 0.64 | 0.73 | 0.83 | 0.92 | 1.04 | 1.13 | 1.25 | 1.43 | 1.72 | 1.94 | 2.09 | 2.24 | 2.41 |
| 690 | 0.64 | 0.75 | 0.86 | 0.97 | 1.08 | 1.22 | 1.33 | 1.48 | 1.69 | 2.02 | 2.29 | 2.47 | 2.64 | 2.85 |
| 725 | 0.66 | 0.78 | 0.90 | 1.01 | 1.13 | 1.28 | 1.39 | 1.54 | 1.77 | 2.12 | 2.40 | 2.58 | 2.76 | 2.98 |
| 870 | 0.77 | 0.91 | 1.05 | 1.18 | 1.32 | 1.50 | 1.63 | 1.81 | 2.08 | 2.49 | 2.82 | 3.04 | 3.26 | 3.51 |
| 950 | 0.83 | 0.98 | 1.13 | 1.28 | 1.42 | 1.62 | 1.77 | 1.96 | 2.25 | 2.70 | 3.06 | 3.29 | 3.52 | 3.80 |
| 1160 | 0.98 | 1.16 | 1.34 | 1.52 | 1.69 | 1.93 | 2.10 | 2.34 | 2.68 | 3.22 | 3.65 | 3.93 | 4.21 | 4.55 |
| 1425 | 1.16 | 1.38 | 1.59 | 1.81 | 2.02 | 2.31 | 2.52 | 2.80 | 3.22 | 3.86 | 4.38 | 4.72 | 5.06 | 5.46 |
| 1750 | 1.37 | 1.63 | 1.89 | 2.15 | 2.41 | 2.75 | 3.01 | 3.34 | 3.85 | 4.63 | 5.25 | 5.65 | 6.06 | 6.53 |
| 2850 | 2.00 | 2.41 | 2.81 | 3.21 | 3.61 | 4.14 | 4.53 | 5.05 | 5.82 | 6.99 | 7.92 | 8.53 | 9.12 | 9.82 |
| 3450 | 2.30 | 2.78 | 3.26 | 3.74 | 4.21 | 4.82 | 5.28 | 5.89 | 6.78 | 8.15 | 9.21 | 9.90 | 10.57 | 11.36 |
| 100 | 0.12 | 0.14 | 0.16 | 0.18 | 0.19 | 0.22 | 0.23 | 0.26 | 0.29 | 0.35 | 0.39 | 0.42 | 0.45 | 0.48 |
| 200 | 0.22 | 0.26 | 0.29 | 0.33 | 0.36 | 0.41 | 0.44 | 0.48 | 0.55 | 0.66 | 0.74 | 0.80 | 0.85 | 0.92 |
| 300 | 0.31 | 0.37 | 0.42 | 0.47 | 0.52 | 0.58 | 0.63 | 0.70 | 0.80 | 0.95 | 1.07 | 1.16 | 1.24 | 1.33 |
| 400 | 0.40 | 0.47 | 0.54 | 0.60 | 0.67 | 0.75 | 0.82 | 0.91 | 1.03 | 1.24 | 1.40 | 1.50 | 1.61 | 1.73 |
| 500 | 0.49 | 0.57 | 0.65 | 0.73 | 0.81 | 0.92 | 1.00 | 1.11 | 1.27 | 1.51 | 1.71 | 1.84 | 1.97 | 2.13 |
| 600 | 0.57 | 0.66 | 0.76 | 0.86 | 0.95 | 1.08 | 1.18 | 1.30 | 1.49 | 1.78 | 2.02 | 2.17 | 2.33 | 2.51 |
| 700 | 0.65 | 0.76 | 0.87 | 0.98 | 1.09 | 1.24 | 1.35 | 1.49 | 1.71 | 2.05 | 2.32 | 2.50 | 2.68 | 2.89 |
| 800 | 0.72 | 0.85 | 0.98 | 1.10 | 1.23 | 1.39 | 1.52 | 1.68 | 1.93 | 2.31 | 2.62 | 2.82 | 3.02 | 3.26 |
| 900 | 0.80 | 0.94 | 1.08 | 1.22 | 1.36 | 1.54 | 1.68 | 1.87 | 2.14 | 2.57 | 2.91 | 3.13 | 3.36 | 3.62 |
| 1000 | 0.87 | 1.02 | 1.18 | 1.34 | 1.49 | 1.69 | 1.85 | 2.05 | 2.35 | 2.82 | 3.20 | 3.45 | 3.69 | 3.98 |
| 1100 | 0.94 | 1.11 | 1.28 | 1.45 | 1.62 | 1.84 | 2.01 | 2.23 | 2.56 | 3.07 | 3.48 | 3.75 | 4.02 | 4.34 |
| 1200 | 1.01 | 1.19 | 1.38 | 1.56 | 1.74 | 1.99 | 2.17 | 2.41 | 2.76 | 3.32 | 3.76 | 4.05 | 4.34 | 4.69 |
| 1300 | 1.08 | 1.28 | 1.47 | 1.67 | 1.87 | 2.13 | 2.32 | 2.58 | 2.97 | 3.56 | 4.04 | 4.35 | 4.66 | 5.03 |
| 1400 | 1.14 | 1.36 | 1.57 | 1.78 | 1.99 | 2.27 | 2.48 | 2.75 | 3.17 | 3.80 | 4.32 | 4.65 | 4.98 | 5.37 |
| 1500 | 1.21 | 1.44 | 1.66 | 1.89 | 2.11 | 2.41 | 2.63 | 2.93 | 3.36 | 4.04 | 4.59 | 4.94 | 5.29 | 5.71 |
| 1600 | 1.27 | 1.52 | 1.76 | 1.99 | 2.23 | 2.55 | 2.78 | 3.09 | 3.56 | 4.28 | 4.85 | 5.23 | 5.60 | 6.04 |
| 1700 | 1.34 | 1.59 | 1.85 | 2.10 | 2.35 | 2.68 | 2.93 | 3.26 | 3.75 | 4.51 | 5.12 | 5.51 | 5.90 | 6.37 |
| 1800 | 1.40 | 1.67 | 1.94 | 2.20 | 2.47 | 2.82 | 3.08 | 3.43 | 3.94 | 4.74 | 5.38 | 5.79 | 6.21 | 6.70 |
| 1900 | 1.46 | 1.74 | 2.02 | 2.30 | 2.58 | 2.95 | 3.22 | 3.59 | 4.13 | 4.97 | 5.64 | 6.07 | 6.50 | 7.01 |
| 2000 | 1.52 | 1.82 | 2.11 | 2.40 | 2.70 | 3.08 | 3.37 | 3.75 | 4.32 | 5.19 | 5.89 | 6.34 | 6.79 | 7.33 |
| 2100 | 1.58 | 1.89 | 2.20 | 2.50 | 2.81 | 3.21 | 3.51 | 3.91 | 4.50 | 5.41 | 6.14 | 6.61 | 7.08 | 7.64 |
| 2200 | 1.64 | 1.96 | 2.28 | 2.60 | 2.92 | 3.34 | 3.65 | 4.07 | 4.68 | 5.63 | 6.39 | 6.88 | 7.37 | 7.94 |
| 2300 | 1.70 | 2.03 | 2.37 | 2.70 | 3.03 | 3.47 | 3.79 | 4.22 | 4.86 | 5.85 | 6.63 | 7.14 | 7.65 | 8.25 |
| 2400 | 1.75 | 2.10 | 2.45 | 2.80 | 3.14 | 3.59 | 3.93 | 4.38 | 5.04 | 6.06 | 6.88 | 7.40 | 7.92 | 8.54 |
| 2500 | 1.81 | 2.17 | 2.53 | 2.89 | 3.25 | 3.72 | 4.07 | 4.53 | 5.22 | 6.28 | 7.12 | 7.66 | 8.20 | 8.83 |
| 2600 | 1.87 | 2.24 | 2.61 | 2.98 | 3.35 | 3.84 | 4.20 | 4.68 | 5.39 | 6.48 | 7.35 | 7.91 | 8.47 | 9.12 |
| 2700 | 1.92 | 2.31 | 2.69 | 3.08 | 3.46 | 3.96 | 4.33 | 4.83 | 5.56 | 6.69 | 7.58 | 8.16 | 8.73 | 9.40 |
| 2800 | 1.97 | 2.37 | 2.77 | 3.17 | 3.56 | 4.08 | 4.47 | 4.98 | 5.73 | 6.89 | 7.81 | 8.40 | 8.99 | 9.68 |
| 2900 | 2.03 | 2.44 | 2.85 | 3.26 | 3.66 | 4.20 | 4.60 | 5.12 | 5.90 | 7.09 | 8.04 | 8.65 | 9.25 | 9.95 |
| 3000 | 2.08 | 2.50 | 2.93 | 3.35 | 3.76 | 4.31 | 4.72 | 5.26 | 6.06 | 7.29 | 8.26 | 8.88 | 9.50 | 10.22 |
| 3200 | 2.18 | 2.63 | 3.08 | 3.52 | 3.96 | 4.54 | 4.98 | 5.55 | 6.39 | 7.68 | 8.69 | 9.34 | 9.99 | 10.74 |
| 3400 | 2.28 | 2.75 | 3.23 | 3.69 | 4.16 | 4.77 | 5.22 | 5.82 | 6.71 | 8.05 | 9.11 | 9.79 | 10.46 | 11.24 |
| 3600 | 2.37 | 2.87 | 3.37 | 3.86 | 4.35 | 4.99 | 5.46 | 6.09 | 7.01 | 8.42 | 9.52 | 10.22 | 10.91 | 11.71 |
| 3800 | 2.47 | 2.99 | 3.51 | 4.02 | 4.53 | 5.20 | 5.70 | 6.35 | 7.31 | 8.77 | 9.91 | 10.63 | 11.34 | 12.16 |
| 4000 | 2.56 | 3.10 | 3.65 | 4.18 | 4.71 | 5.41 | 5.92 | 6.60 | 7.60 | 9.11 | 10.28 | 11.03 | 11.75 | 12.59 |
| 4200 | 2.64 | 3.21 | 3.78 | 4.33 | 4.89 | 5.61 | 6.15 | 6.85 | 7.88 | 9.44 | 10.64 | 11.40 | 12.14 | 12.99 |
| 4400 | 2.73 | 3.32 | 3.91 | 4.48 | 5.06 | 5.81 | 6.36 | 7.09 | 8.15 | 9.75 | 10.98 | 11.76 | 12.51 | 13.37 |
| 4600 | 2.81 | 3.42 | 4.03 | 4.63 | 5.22 | 6.00 | 6.57 | 7.32 | 8.41 | 10.05 | 11.31 | 12.10 | 12.85 | 13.72 |
| 4800 | 2.89 | 3.52 | 4.15 | 4.77 | 5.38 | 6.18 | 6.77 | 7.54 | 8.66 | 10.34 | 11.61 | 12.41 | 13.18 | 14.05 |
| 5000 | 2.96 | 3.62 | 4.27 | 4.90 | 5.53 | 6.36 | 6.96 | 7.75 | 8.90 | 10.61 | 11.90 | 12.71 | 13.47 | 14.34 |
| 5200 | 3.03 | 3.71 | 4.38 | 5.04 | 5.68 | 6.53 | 7.15 | 7.96 | 9.13 | 10.87 | 12.17 | 12.98 | 13.75 | 14.61 |
| 5400 | 3.10 | 3.80 | 4.49 | 5.16 | 5.83 | 6.69 | 7.33 | 8.15 | 9.35 | 11.11 | 12.43 | 13.23 | 13.99 | 14.84 |
| 5600 | 3.17 | 3.89 | 4.59 | 5.28 | 5.96 | 6.85 | 7.50 | 8.34 | 9.56 | 11.34 | 12.66 | 13.46 | 14.22 | 15.05 |
| 5800 | 3.23 | 3.97 | 4.69 | 5.40 | 6.10 | 7.00 | 7.66 | 8.52 | 9.76 | 11.55 | 12.87 | 13.67 | 14.41 | 15.22 |
| 6000 | 3.29 | 4.05 | 4.79 | 5.51 | 6.22 | 7.15 | 7.82 | 8.69 | 9.94 | 11.75 | 13.06 | 13.85 | 14.57 | 15.36 |
| 6200 | 3.35 | 4.12 | 4.88 | 5.62 | 6.34 | 7.28 | 7.97 | 8.85 | 10.11 | 11.92 | 13.23 | 14.01 | 14.71 | 15.46 |
| 6400 | 3.40 | 4.19 | 4.96 | 5.72 | 6.46 | 7.41 | 8.11 | 9.00 | 10.27 | 12.09 | 13.38 | 14.14 | 14.82 | 15.53 |
| 6600 | 3.45 | 4.26 | 5.05 | 5.82 | 6.57 | 7.54 | 8.24 | 9.14 | 10.42 | 12.23 | 13.50 | 14.24 | 14.89 | 15.56 |
| 6800 | 3.50 | 4.32 | 5.12 | 5.91 | 6.67 | 7.65 | 8.36 | 9.27 | 10.56 | 12.36 | 13.60 | 14.32 | 14.94 | 15.56 |
| 7000 | 3.54 | 4.38 | 5.20 | 5.99 | 6.77 | 7.76 | 8.48 | 9.40 | 10.68 | 12.46 | 13.68 | 14.37 | 14.95 | 15.52 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP 3VX

| Diámetro Exterior de la Polea (en pulgadas) | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.60 | 6.00 | 6.50 | 6.90 | 8.00 | 10.60 | 1.02-1.05 | 1.06-1.11 | 1.12-1.18 | 1.19-1.26 | 1.27-1.38 | 1.39-1.57 | 1.58-1.94 | 1.95-3.38 | 3.39 o más | |
| 2.59 | 2.82 | 3.11 | 3.34 | 3.97 | 5.42 | 0.01 | 0.02 | 0.04 | 0.05 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 575 |
| 3.06 | 3.33 | 3.67 | 3.95 | 4.69 | 6.39 | 0.01 | 0.03 | 0.05 | 0.06 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 690 |
| 3.20 | 3.49 | 3.84 | 4.13 | 4.90 | 6.69 | 0.01 | 0.03 | 0.05 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 | 0.13 | 725 |
| 3.77 | 4.11 | 4.53 | 4.87 | 5.78 | 7.87 | 0.01 | 0.03 | 0.06 | 0.08 | 0.10 | 0.12 | 0.13 | 0.14 | 0.15 | 870 |
| 4.08 | 4.45 | 4.91 | 5.27 | 6.25 | 8.51 | 0.01 | 0.04 | 0.07 | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.16 | 950 |
| 4.88 | 5.32 | 5.87 | 6.30 | 7.47 | 10.13 | 0.02 | 0.05 | 0.08 | 0.11 | 0.13 | 0.15 | 0.17 | 0.19 | 0.20 | 1160 |
| 5.86 | 6.38 | 7.03 | 7.55 | 8.94 | 12.05 | 0.02 | 0.06 | 0.10 | 0.13 | 0.16 | 0.19 | 0.21 | 0.23 | 0.25 | 1425 |
| 7.01 | 7.63 | 8.40 | 9.01 | 10.64 | 14.22 | 0.03 | 0.07 | 0.12 | 0.16 | 0.20 | 0.23 | 0.26 | 0.29 | 0.30 | 1750 |
| 10.50 | 11.40 | 12.48 | 13.31 | 15.46 | 19.56 | 0.04 | 0.11 | 0.20 | 0.27 | 0.33 | 0.38 | 0.43 | 0.47 | 0.49 | 2850 |
| 12.12 | 13.11 | 14.28 | 15.16 | 17.35 | 20.86 | 0.05 | 0.14 | 0.24 | 0.32 | 0.39 | 0.46 | 0.52 | 0.56 | 0.60 | 3450 |
| 0.52 | 0.56 | 0.62 | 0.67 | 0.79 | 1.08 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 100 |
| 0.98 | 1.07 | 1.18 | 1.27 | 1.50 | 2.05 | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 200 |
| 1.43 | 1.56 | 1.71 | 1.84 | 2.18 | 2.98 | 0.00 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.05 | 300 |
| 1.86 | 2.03 | 2.23 | 2.40 | 2.85 | 3.89 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 0.07 | 0.07 | 400 |
| 2.28 | 2.48 | 2.74 | 2.94 | 3.49 | 4.77 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.09 | 500 |
| 2.69 | 2.93 | 3.23 | 3.47 | 4.13 | 5.63 | 0.01 | 0.02 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 600 |
| 3.10 | 3.38 | 3.72 | 4.00 | 4.75 | 6.48 | 0.01 | 0.03 | 0.05 | 0.07 | 0.08 | 0.09 | 0.11 | 0.11 | 0.12 | 700 |
| 3.50 | 3.81 | 4.20 | 4.51 | 5.36 | 7.30 | 0.01 | 0.03 | 0.06 | 0.08 | 0.09 | 0.11 | 0.12 | 0.13 | 0.14 | 800 |
| 3.89 | 4.24 | 4.67 | 5.02 | 5.96 | 8.11 | 0.01 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 900 |
| 4.27 | 4.66 | 5.14 | 5.52 | 6.55 | 8.90 | 0.01 | 0.04 | 0.07 | 0.09 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 1000 |
| 4.65 | 5.07 | 5.59 | 6.01 | 7.13 | 9.68 | 0.02 | 0.04 | 0.08 | 0.10 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 1100 |
| 5.03 | 5.48 | 6.04 | 6.49 | 7.69 | 10.43 | 0.02 | 0.05 | 0.08 | 0.11 | 0.14 | 0.16 | 0.18 | 0.20 | 0.21 | 1200 |
| 5.40 | 5.89 | 6.49 | 6.97 | 8.25 | 11.16 | 0.02 | 0.05 | 0.09 | 0.12 | 0.15 | 0.17 | 0.20 | 0.21 | 0.23 | 1300 |
| 5.77 | 6.29 | 6.93 | 7.43 | 8.80 | 11.88 | 0.02 | 0.06 | 0.10 | 0.13 | 0.16 | 0.19 | 0.21 | 0.23 | 0.24 | 1400 |
| 6.13 | 6.68 | 7.36 | 7.89 | 9.34 | 12.57 | 0.02 | 0.06 | 0.10 | 0.14 | 0.17 | 0.20 | 0.23 | 0.25 | 0.26 | 1500 |
| 6.48 | 7.06 | 7.78 | 8.35 | 9.87 | 13.25 | 0.02 | 0.06 | 0.11 | 0.15 | 0.18 | 0.21 | 0.24 | 0.26 | 0.28 | 1600 |
| 6.83 | 7.45 | 8.20 | 8.79 | 10.39 | 13.90 | 0.02 | 0.07 | 0.12 | 0.16 | 0.19 | 0.23 | 0.26 | 0.28 | 0.29 | 1700 |
| 7.18 | 7.82 | 8.61 | 9.23 | 10.89 | 14.53 | 0.03 | 0.07 | 0.12 | 0.17 | 0.21 | 0.24 | 0.27 | 0.29 | 0.31 | 1800 |
| 7.52 | 8.19 | 9.01 | 9.66 | 11.39 | 15.14 | 0.03 | 0.08 | 0.13 | 0.18 | 0.22 | 0.25 | 0.29 | 0.31 | 0.33 | 1900 |
| 7.86 | 8.55 | 9.41 | 10.08 | 11.87 | 15.72 | 0.03 | 0.08 | 0.14 | 0.19 | 0.23 | 0.27 | 0.30 | 0.33 | 0.35 | 2000 |
| 8.19 | 8.91 | 9.80 | 10.49 | 12.34 | 16.28 | 0.03 | 0.08 | 0.14 | 0.20 | 0.24 | 0.28 | 0.32 | 0.34 | 0.36 | 2100 |
| 8.51 | 9.26 | 10.18 | 10.90 | 12.80 | 16.81 | 0.03 | 0.09 | 0.15 | 0.21 | 0.25 | 0.29 | 0.33 | 0.36 | 0.38 | 2200 |
| 8.84 | 9.61 | 10.56 | 11.29 | 13.24 | 17.31 | 0.03 | 0.09 | 0.16 | 0.22 | 0.26 | 0.31 | 0.35 | 0.38 | 0.40 | 2300 |
| 9.15 | 9.95 | 10.92 | 11.68 | 13.68 | 17.79 | 0.03 | 0.10 | 0.17 | 0.23 | 0.27 | 0.32 | 0.36 | 0.39 | 0.42 | 2400 |
| 9.46 | 10.28 | 11.28 | 12.06 | 14.10 | 18.23 | 0.04 | 0.10 | 0.17 | 0.23 | 0.29 | 0.33 | 0.38 | 0.41 | 0.43 | 2500 |
| 9.77 | 10.61 | 11.63 | 12.43 | 14.50 | 18.65 | 0.04 | 0.10 | 0.18 | 0.24 | 0.30 | 0.35 | 0.39 | 0.43 | 0.45 | 2600 |
| 10.07 | 10.93 | 11.98 | 12.79 | 14.90 | 19.04 | 0.04 | 0.10 | 0.19 | 0.25 | 0.31 | 0.36 | 0.41 | 0.44 | 0.47 | 2700 |
| 10.36 | 11.24 | 12.31 | 13.14 | 15.27 | 19.39 | 0.04 | 0.10 | 0.19 | 0.26 | 0.32 | 0.37 | 0.42 | 0.46 | 0.49 | 2800 |
| 10.65 | 11.55 | 12.64 | 13.48 | 15.64 | 19.72 | 0.04 | 0.10 | 0.20 | 0.27 | 0.33 | 0.39 | 0.44 | 0.47 | 0.50 | 2900 |
| 10.93 | 11.85 | 12.96 | 13.81 | 15.98 | 20.01 | 0.04 | 0.12 | 0.21 | 0.28 | 0.34 | 0.40 | 0.45 | 0.49 | 0.52 | 3000 |
| 11.47 | 12.43 | 13.57 | 14.44 | 16.63 | 20.48 | 0.05 | 0.13 | 0.22 | 0.30 | 0.36 | 0.43 | 0.48 | 0.52 | 0.56 | 3200 |
| 12.00 | 12.97 | 14.14 | 15.02 | 17.22 | 20.81 | 0.05 | 0.13 | 0.23 | 0.32 | 0.39 | 0.45 | 0.51 | 0.56 | 0.59 | 3400 |
| 12.49 | 13.49 | 14.67 | 15.56 | 17.73 | 20.98 | 0.05 | 0.14 | 0.25 | 0.34 | 0.41 | 0.48 | 0.54 | 0.59 | 0.62 | 3600 |
| 12.96 | 13.97 | 15.17 | 16.05 | 18.17 | — | 0.06 | 0.15 | 0.26 | 0.36 | 0.43 | 0.51 | 0.57 | 0.62 | 0.66 | 3800 |
| 13.40 | 14.42 | 15.62 | 16.50 | 18.54 | — | 0.06 | 0.16 | 0.28 | 0.38 | 0.46 | 0.53 | 0.60 | 0.65 | 0.69 | 4000 |
| 13.81 | 14.84 | 16.02 | 16.89 | 18.82 | — | 0.06 | 0.17 | 0.29 | 0.39 | 0.48 | 0.56 | 0.63 | 0.69 | 0.73 | 4200 |
| 14.19 | 15.22 | 16.39 | 17.22 | 19.03 | — | 0.06 | 0.17 | 0.30 | 0.41 | 0.50 | 0.59 | 0.66 | 0.72 | 0.76 | 4400 |
| 14.54 | 15.56 | 16.70 | 17.50 | 19.15 | — | 0.07 | 0.18 | 0.32 | 0.43 | 0.52 | 0.61 | 0.69 | 0.75 | 0.80 | 4600 |
| 14.86 | 15.86 | 16.97 | 17.72 | 19.18 | — | 0.07 | 0.19 | 0.33 | 0.45 | 0.55 | 0.64 | 0.72 | 0.79 | 0.83 | 4800 |
| 15.15 | 16.13 | 17.18 | 17.89 | — | — | 0.07 | 0.20 | 0.35 | 0.47 | 0.57 | 0.67 | 0.75 | 0.82 | 0.87 | 5000 |
| 15.40 | 16.35 | 17.35 | 17.99 | — | — | 0.08 | 0.21 | 0.36 | 0.49 | 0.59 | 0.69 | 0.78 | 0.85 | 0.90 | 5200 |
| 15.62 | 16.52 | 17.45 | 18.02 | — | — | 0.08 | 0.21 | 0.37 | 0.51 | 0.62 | 0.72 | 0.81 | 0.88 | 0.94 | 5400 |
| 15.79 | 16.66 | 17.51 | — | — | — | 0.08 | 0.22 | 0.39 | 0.53 | 0.64 | 0.75 | 0.84 | 0.92 | 0.97 | 5600 |
| 15.94 | 16.74 | 17.50 | — | — | — | 0.08 | 0.23 | 0.40 | 0.55 | 0.66 | 0.77 | 0.87 | 0.95 | 1.01 | 5800 |
| 16.04 | 16.78 | — | — | — | — | 0.09 | 0.24 | 0.41 | 0.56 | 0.68 | 0.80 | 0.90 | 0.98 | 1.04 | 6000 |
| 16.10 | 16.77 | — | — | — | — | 0.09 | 0.25 | 0.43 | 0.58 | 0.71 | 0.83 | 0.93 | 1.02 | 1.08 | 6200 |
| 16.12 | 16.71 | — | — | — | — | 0.09 | 0.25 | 0.44 | 0.60 | 0.73 | 0.85 | 0.96 | 1.05 | 1.11 | 6400 |
| 16.10 | — | — | — | — | — | 0.10 | 0.26 | 0.46 | 0.62 | 0.75 | 0.88 | 0.99 | 1.08 | 1.15 | 6600 |
| 16.04 | — | — | — | — | — | 0.10 | 0.27 | 0.47 | 0.64 | 0.78 | 0.91 | 1.02 | 1.11 | 1.18 | 6800 |
| — | — | — | — | — | — | 0.10 | 0.28 | 0.48 | 0.66 | 0.80 | 0.93 | 1.05 | 1.15 | 1.21 | 7000 |

# 5V Capacidad Básica de Potencia HP

Martin

| RPM del Eje más Rápido | Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4.40 | 4.65 | 4.90 | 5.20 | 5.50 | 5.90 | 6.30 | 6.70 | 7.10 | 7.50 | 8.00 | 8.50 | 9.00 | 9.25 | 9.75 | 10.30 |
| 435 | 1.55 | 1.88 | 2.20 | 2.58 | 2.97 | 3.48 | 3.98 | 4.48 | 4.99 | 5.48 | 6.10 | 6.72 | 7.33 | 7.64 | 8.25 | 8.91 |
| 485 | 1.69 | 2.04 | 2.40 | 2.83 | 3.25 | 3.81 | 4.37 | 4.93 | 5.48 | 6.03 | 6.71 | 7.39 | 8.07 | 8.41 | 9.08 | 9.81 |
| 575 | 1.91 | 2.33 | 2.75 | 3.24 | 3.74 | 4.40 | 5.05 | 5.70 | 6.35 | 6.99 | 7.79 | 8.58 | 9.37 | 9.76 | 10.55 | 11.40 |
| 585 | 1.94 | 2.36 | 2.78 | 3.29 | 3.79 | 4.46 | 5.12 | 5.78 | 6.44 | 7.09 | 7.91 | 8.71 | 9.51 | 9.91 | 10.71 | 11.57 |
| 690 | 2.18 | 2.67 | 3.17 | 3.76 | 4.34 | 5.12 | 5.89 | 6.66 | 7.42 | 8.17 | 9.12 | 10.05 | 10.98 | 11.44 | 12.36 | 13.36 |
| 725 | 2.26 | 2.78 | 3.29 | 3.91 | 4.52 | 5.33 | 6.14 | 6.94 | 7.74 | 8.53 | 9.51 | 10.49 | 11.45 | 11.94 | 12.89 | 13.94 |
| 870 | 2.56 | 3.17 | 3.78 | 4.51 | 5.23 | 6.19 | 7.14 | 8.08 | 9.02 | 9.95 | 11.10 | 12.24 | 13.38 | 13.94 | 15.06 | 16.27 |
| 950 | 2.72 | 3.38 | 4.04 | 4.83 | 5.61 | 6.64 | 7.67 | 8.69 | 9.70 | 10.70 | 11.95 | 13.18 | 14.40 | 15.00 | 16.21 | 17.51 |
| 1160 | 3.09 | 3.89 | 4.67 | 5.61 | 6.55 | 7.78 | 9.00 | 10.21 | 11.41 | 12.60 | 14.07 | 15.52 | 16.95 | 17.66 | 19.06 | 20.59 |
| 1425 | 3.50 | 4.45 | 5.39 | 6.52 | 7.63 | 9.10 | 10.56 | 11.99 | 13.41 | 14.81 | 16.53 | 18.23 | 19.89 | 20.71 | 22.33 | 24.08 |
| 1750 | 3.90 | 5.04 | 6.16 | 7.49 | 8.81 | 10.55 | 12.26 | 13.94 | 15.60 | 17.22 | 19.21 | 21.15 | 23.04 | 23.96 | 25.77 | 27.70 |
| 2850 | 4.47 | 6.12 | 7.75 | 9.65 | 11.50 | 13.90 | 16.21 | 18.42 | 20.53 | 22.53 | 24.88 | 27.06 | 29.04 | 29.96 | 31.65 | 33.25 |
| 3450 | 4.23 | 6.09 | 7.89 | 9.98 | 12.00 | 14.56 | 16.97 | 19.21 | 21.29 | 23.19 | 25.29 | 27.09 | 28.57 | 29.18 | 30.14 | 30.76 |
| 100 | 0.49 | 0.57 | 0.65 | 0.75 | 0.84 | 0.97 | 1.10 | 1.23 | 1.36 | 1.48 | 1.64 | 1.80 | 1.96 | 2.04 | 2.19 | 2.36 |
| 200 | 0.85 | 1.01 | 1.16 | 1.35 | 1.54 | 1.78 | 2.03 | 2.27 | 2.52 | 2.76 | 3.06 | 3.36 | 3.66 | 3.81 | 4.11 | 4.44 |
| 300 | 1.17 | 1.40 | 1.63 | 1.90 | 2.17 | 2.53 | 2.89 | 3.25 | 3.60 | 3.96 | 4.40 | 4.83 | 5.27 | 5.49 | 5.92 | 6.39 |
| 400 | 1.46 | 1.76 | 2.06 | 2.41 | 2.77 | 3.24 | 3.70 | 4.17 | 4.63 | 5.10 | 5.67 | 6.24 | 6.81 | 7.09 | 7.65 | 8.27 |
| 500 | 1.72 | 2.09 | 2.46 | 2.90 | 3.33 | 3.91 | 4.48 | 5.06 | 5.63 | 6.19 | 6.90 | 7.59 | 8.29 | 8.64 | 9.33 | 10.08 |
| 600 | 1.97 | 2.41 | 2.84 | 3.36 | 3.87 | 4.56 | 5.24 | 5.91 | 6.58 | 7.25 | 8.08 | 8.91 | 9.72 | 10.13 | 10.94 | 11.83 |
| 700 | 2.20 | 2.70 | 3.20 | 3.80 | 4.39 | 5.18 | 5.96 | 6.74 | 7.51 | 8.28 | 9.23 | 10.17 | 11.11 | 11.58 | 12.51 | 13.52 |
| 800 | 2.42 | 2.98 | 3.55 | 4.22 | 4.89 | 5.78 | 6.66 | 7.54 | 8.41 | 9.27 | 10.34 | 11.41 | 12.46 | 12.98 | 14.03 | 15.16 |
| 900 | 2.62 | 3.25 | 3.88 | 4.63 | 5.37 | 6.36 | 7.34 | 8.31 | 9.28 | 10.23 | 11.42 | 12.60 | 13.76 | 14.34 | 15.49 | 16.74 |
| 1000 | 2.81 | 3.51 | 4.20 | 5.02 | 5.84 | 6.92 | 8.00 | 9.06 | 10.12 | 11.17 | 12.47 | 13.75 | 15.02 | 15.66 | 16.91 | 18.27 |
| 1100 | 2.99 | 3.75 | 4.50 | 5.40 | 6.29 | 7.46 | 8.63 | 9.79 | 10.94 | 12.07 | 13.48 | 14.87 | 16.24 | 16.92 | 18.27 | 19.73 |
| 1200 | 3.16 | 3.98 | 4.79 | 5.76 | 6.72 | 7.99 | 9.25 | 10.49 | 11.73 | 12.95 | 14.46 | 15.95 | 17.42 | 18.14 | 19.58 | 21.14 |
| 1300 | 3.32 | 4.19 | 5.07 | 6.10 | 7.13 | 8.50 | 9.84 | 11.17 | 12.49 | 13.79 | 15.40 | 16.99 | 18.55 | 19.32 | 20.84 | 22.49 |
| 1400 | 3.46 | 4.40 | 5.33 | 6.44 | 7.54 | 8.98 | 10.42 | 11.83 | 13.23 | 14.61 | 16.31 | 17.99 | 19.63 | 20.44 | 22.04 | 23.77 |
| 1500 | 3.60 | 4.60 | 5.58 | 6.76 | 7.92 | 9.46 | 10.97 | 12.47 | 13.94 | 15.40 | 17.19 | 18.94 | 20.67 | 21.51 | 23.18 | 24.98 |
| 1600 | 3.73 | 4.78 | 5.82 | 7.06 | 8.29 | 9.91 | 11.50 | 13.08 | 14.62 | 16.15 | 18.02 | 19.86 | 21.65 | 22.53 | 24.27 | 26.12 |
| 1700 | 3.85 | 4.95 | 6.05 | 7.35 | 8.64 | 10.34 | 12.01 | 13.66 | 15.28 | 16.87 | 18.82 | 20.73 | 22.59 | 23.50 | 25.29 | 27.19 |
| 1800 | 3.95 | 5.11 | 6.27 | 7.63 | 8.98 | 10.76 | 12.50 | 14.22 | 15.91 | 17.56 | 19.58 | 21.55 | 23.47 | 24.41 | 26.24 | 28.19 |
| 1900 | 4.05 | 5.27 | 6.47 | 7.89 | 9.30 | 11.15 | 12.97 | 14.75 | 16.50 | 18.22 | 20.30 | 22.33 | 24.30 | 25.26 | 27.13 | 29.10 |
| 2000 | 4.14 | 5.41 | 6.66 | 8.14 | 9.61 | 11.53 | 13.42 | 15.26 | 17.07 | 18.83 | 20.98 | 23.06 | 25.07 | 26.05 | 27.94 | 29.94 |
| 2100 | 4.22 | 5.53 | 6.84 | 8.38 | 9.90 | 11.89 | 13.84 | 15.74 | 17.60 | 19.42 | 21.62 | 23.74 | 25.78 | 26.77 | 28.68 | 30.69 |
| 2200 | 4.28 | 5.65 | 7.00 | 8.60 | 10.17 | 12.23 | 14.24 | 16.20 | 18.11 | 19.96 | 22.21 | 24.37 | 26.43 | 27.43 | 29.35 | 31.35 |
| 2300 | 4.34 | 5.76 | 7.15 | 8.80 | 10.43 | 12.54 | 14.61 | 16.62 | 18.58 | 20.47 | 22.76 | 24.94 | 27.02 | 28.02 | 29.94 | 31.91 |
| 2400 | 4.39 | 5.85 | 7.29 | 8.99 | 10.66 | 12.84 | 14.96 | 17.02 | 19.01 | 20.94 | 23.26 | 25.46 | 27.55 | 28.55 | 30.45 | 32.39 |
| 2500 | 4.43 | 5.93 | 7.42 | 9.17 | 10.88 | 13.12 | 15.28 | 17.38 | 19.41 | 21.37 | 23.71 | 25.92 | 28.00 | 28.99 | 30.87 | 32.76 |
| 2600 | 4.45 | 6.00 | 7.53 | 9.32 | 11.08 | 13.37 | 15.58 | 17.72 | 19.78 | 21.76 | 24.11 | 26.32 | 28.39 | 29.37 | 31.21 | 33.04 |
| 2700 | 4.47 | 6.06 | 7.63 | 9.47 | 11.27 | 13.60 | 15.85 | 18.02 | 20.11 | 22.10 | 24.46 | 26.66 | 28.71 | 29.67 | 31.45 | 33.21 |
| 2800 | 4.47 | 6.11 | 7.71 | 9.59 | 11.43 | 13.81 | 16.10 | 18.29 | 20.40 | 22.40 | 24.76 | 26.94 | 28.95 | 29.88 | 31.60 | 33.27 |
| 2900 | 4.47 | 6.14 | 7.78 | 9.70 | 11.57 | 13.99 | 16.31 | 18.53 | 20.65 | 22.65 | 25.00 | 27.16 | 29.12 | 30.02 | 31.66 | 33.21 |
| 3000 | 4.45 | 6.16 | 7.83 | 9.79 | 11.70 | 14.15 | 16.50 | 18.74 | 20.86 | 22.86 | 25.19 | 27.30 | 29.20 | 30.07 | 31.62 | 33.04 |
| 3100 | 4.42 | 6.17 | 7.87 | 9.87 | 11.80 | 14.29 | 16.66 | 18.91 | 21.03 | 23.02 | 25.32 | 27.38 | 29.21 | 30.03 | 31.48 | 32.76 |
| 3200 | 4.38 | 6.16 | 7.90 | 9.92 | 11.89 | 14.40 | 16.78 | 19.04 | 21.16 | 23.13 | 25.39 | 27.39 | 29.14 | 29.91 | 31.23 | 32.35 |
| 3300 | 4.33 | 6.14 | 7.91 | 9.96 | 11.95 | 14.48 | 16.88 | 19.14 | 21.24 | 23.19 | 25.40 | 27.33 | 28.98 | 29.69 | 30.88 | 31.81 |
| 3400 | 4.27 | 6.11 | 7.90 | 9.98 | 11.99 | 14.54 | 16.95 | 19.20 | 21.28 | 23.20 | 25.34 | 27.19 | 28.73 | 29.37 | 30.41 | 31.15 |
| 3500 | 4.19 | 6.06 | 7.88 | 9.98 | 12.01 | 14.57 | 16.98 | 19.22 | 21.28 | 23.16 | 25.23 | 26.98 | 28.39 | 28.96 | 29.83 | 30.35 |
| 3600 | 4.10 | 6.00 | 7.84 | 9.96 | 12.00 | 14.58 | 16.98 | 19.20 | 21.23 | 23.06 | 25.05 | 26.69 | 27.96 | 28.45 | 29.14 | 29.41 |
| 3700 | 4.00 | 5.92 | 7.78 | 9.93 | 11.98 | 14.55 | 16.95 | 19.14 | 21.13 | 22.90 | 24.80 | 26.31 | 27.43 | 27.84 | 28.32 | 28.34 |
| 3800 | 3.89 | 5.83 | 7.71 | 9.87 | 11.93 | 14.50 | 16.88 | 19.04 | 20.99 | 22.69 | 24.48 | 25.86 | 26.81 | 27.12 | 27.39 | — |
| 3900 | 3.76 | 5.73 | 7.62 | 9.79 | 11.85 | 14.42 | 16.78 | 18.90 | 20.79 | 22.42 | 24.09 | 25.32 | 26.09 | 26.30 | 26.32 | — |
| 4000 | 3.63 | 5.60 | 7.51 | 9.69 | 11.75 | 14.31 | 16.64 | 18.72 | 20.54 | 22.09 | 23.63 | 24.70 | 25.27 | 25.36 | — | — |
| 4200 | 3.31 | 5.32 | 7.24 | 9.43 | 11.48 | 14.00 | 16.25 | 18.22 | 19.89 | 21.25 | 22.49 | 23.19 | 23.31 | — | — | — |
| 4400 | 2.93 | 4.96 | 6.89 | 9.07 | 11.10 | 13.55 | 15.70 | 17.53 | 19.02 | 20.16 | 21.04 | 21.31 | — | — | — | — |
| 4600 | 2.50 | 4.54 | 6.47 | 8.63 | 10.62 | 12.98 | 15.00 | 16.66 | 17.93 | 18.80 | 19.28 | — | — | — | — | — |
| 4800 | 2.01 | 4.05 | 5.97 | 8.09 | 10.02 | 12.27 | 14.13 | 15.59 | 16.60 | 17.16 | 17.17 | — | — | — | — | — |
| 5000 | 1.46 | 3.49 | 5.38 | 7.45 | 9.31 | 11.42 | 13.10 | 14.31 | 15.03 | 15.23 | — | — | — | — | — | — |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP 5V

| Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje Más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.90 | 11.30 | 11.80 | 12.50 | 13.20 | 14.00 | 15.00 | 16.00 | 1.02-1.05 | 1.06-1.11 | 1.12-1.18 | 1.19-1.26 | 1.27-1.38 | 1.39-1.57 | 1.58-1.94 | 1.95-3.38 | 3.39-& Up | |
| 9.64 | 10.11 | 10.71 | 11.54 | 12.37 | 13.31 | 14.47 | 15.62 | 0.04 | 0.11 | 0.20 | 0.27 | 0.33 | 0.38 | 0.43 | 0.47 | 0.50 | 435 |
| 10.61 | 11.14 | 11.80 | 12.71 | 13.62 | 14.65 | 15.93 | 17.19 | 0.05 | 0.13 | 0.22 | 0.30 | 0.37 | 0.43 | 0.48 | 0.53 | 0.56 | 485 |
| 12.33 | 12.94 | 13.70 | 14.76 | 15.82 | 17.01 | 18.48 | 19.94 | 0.06 | 0.15 | 0.26 | 0.36 | 0.43 | 0.51 | 0.57 | 0.62 | 0.66 | 575 |
| 12.51 | 13.14 | 13.91 | 14.99 | 16.06 | 17.27 | 18.76 | 20.24 | 0.06 | 0.15 | 0.27 | 0.36 | 0.44 | 0.52 | 0.58 | 0.63 | 0.67 | 585 |
| 14.44 | 15.16 | 16.05 | 17.29 | 18.51 | 19.90 | 21.61 | 23.29 | 0.07 | 0.18 | 0.32 | 0.43 | 0.52 | 0.61 | 0.69 | 0.75 | 0.79 | 690 |
| 15.07 | 15.82 | 16.75 | 18.04 | 19.31 | 20.75 | 22.52 | 24.27 | 0.07 | 0.19 | 0.33 | 0.45 | 0.55 | 0.64 | 0.72 | 0.79 | 0.83 | 725 |
| 17.59 | 18.46 | 19.53 | 21.02 | 22.49 | 24.14 | 26.16 | 28.14 | 0.08 | 0.23 | 0.40 | 0.54 | 0.66 | 0.77 | 0.87 | 0.94 | 1.00 | 870 |
| 18.92 | 19.85 | 21.00 | 22.59 | 24.15 | 25.90 | 28.04 | 30.13 | 0.09 | 0.25 | 0.43 | 0.59 | 0.72 | 0.84 | 0.94 | 1.03 | 1.09 | 950 |
| 22.22 | 23.29 | 24.61 | 26.43 | 28.20 | 30.17 | 32.55 | 34.83 | 0.11 | 0.30 | 0.53 | 0.72 | 0.88 | 1.02 | 1.15 | 1.26 | 1.33 | 1160 |
| 25.93 | 27.14 | 28.62 | 30.63 | 32.57 | 34.70 | 37.20 | 39.54 | 0.14 | 0.37 | 0.65 | 0.89 | 1.08 | 1.26 | 1.42 | 1.54 | 1.64 | 1425 |
| 29.72 | 31.03 | 32.60 | 34.70 | 36.67 | 38.75 | 41.09 | 43.13 | 0.17 | 0.46 | 0.80 | 1.09 | 1.32 | 1.55 | 1.74 | 1.90 | 2.01 | 1750 |
| 34.70 | 35.48 | 36.23 | 36.87 | 36.98 | — | — | — | 0.27 | 0.75 | 1.30 | 1.77 | 2.15 | 2.52 | 2.83 | 3.09 | 3.27 | 2850 |
| 30.91 | — | — | — | — | — | — | — | 0.33 | 0.91 | 1.58 | 2.15 | 2.60 | 3.05 | 3.43 | 3.74 | 3.96 | 3450 |
| 2.55 | 2.67 | 2.83 | 3.04 | 3.26 | 3.50 | 3.80 | 4.11 | 0.01 | 0.03 | 0.05 | 0.06 | 0.08 | 0.09 | 0.10 | 0.11 | 0.11 | 100 |
| 4.79 | 5.03 | 5.32 | 5.73 | 6.14 | 6.60 | 7.18 | 7.75 | 0.02 | 0.05 | 0.09 | 0.12 | 0.15 | 0.18 | 0.20 | 0.22 | 0.23 | 200 |
| 6.91 | 7.25 | 7.68 | 8.27 | 8.86 | 9.54 | 10.37 | 11.20 | 0.03 | 0.08 | 0.14 | 0.19 | 0.23 | 0.27 | 0.30 | 0.33 | 0.34 | 300 |
| 8.94 | 9.39 | 9.94 | 10.71 | 11.48 | 12.35 | 13.43 | 14.50 | 0.04 | 0.10 | 0.18 | 0.25 | 0.30 | 0.35 | 0.40 | 0.43 | 0.46 | 400 |
| 10.90 | 11.44 | 12.12 | 13.06 | 13.99 | 15.05 | 16.36 | 17.66 | 0.05 | 0.13 | 0.23 | 0.31 | 0.38 | 0.44 | 0.50 | 0.54 | 0.57 | 500 |
| 12.79 | 13.43 | 14.22 | 15.32 | 16.41 | 17.65 | 19.17 | 20.68 | 0.06 | 0.16 | 0.27 | 0.37 | 0.45 | 0.53 | 0.60 | 0.65 | 0.69 | 600 |
| 14.62 | 15.35 | 16.25 | 17.50 | 18.74 | 20.14 | 21.87 | 23.57 | 0.07 | 0.18 | 0.32 | 0.44 | 0.53 | 0.62 | 0.70 | 0.76 | 0.80 | 700 |
| 16.39 | 17.20 | 18.21 | 19.60 | 20.98 | 22.53 | 24.44 | 26.31 | 0.08 | 0.21 | 0.37 | 0.50 | 0.60 | 0.71 | 0.80 | 0.87 | 0.92 | 800 |
| 18.09 | 18.98 | 20.09 | 21.61 | 23.12 | 24.81 | 26.88 | 28.89 | 0.09 | 0.24 | 0.41 | 0.56 | 0.68 | 0.80 | 0.90 | 0.98 | 1.03 | 900 |
| 19.73 | 20.70 | 21.89 | 23.54 | 25.16 | 26.97 | 29.18 | 31.32 | 0.10 | 0.26 | 0.46 | 0.62 | 0.75 | 0.88 | 0.99 | 1.08 | 1.15 | 1000 |
| 21.31 | 22.34 | 23.62 | 25.37 | 27.09 | 29.01 | 31.33 | 33.57 | 0.11 | 0.29 | 0.50 | 0.68 | 0.83 | 0.97 | 1.09 | 1.19 | 1.26 | 1100 |
| 22.81 | 23.91 | 25.26 | 27.11 | 28.91 | 30.92 | 33.33 | 35.63 | 0.12 | 0.31 | 0.55 | 0.75 | 0.91 | 1.06 | 1.19 | 1.30 | 1.38 | 1200 |
| 24.24 | 25.40 | 26.81 | 28.74 | 30.62 | 32.69 | 35.16 | 37.50 | 0.13 | 0.34 | 0.59 | 0.81 | 0.98 | 1.15 | 1.29 | 1.41 | 1.49 | 1300 |
| 25.60 | 26.80 | 28.27 | 30.27 | 32.20 | 34.31 | 36.82 | 39.16 | 0.13 | 0.37 | 0.64 | 0.87 | 1.06 | 1.24 | 1.39 | 1.52 | 1.61 | 1400 |
| 26.88 | 28.12 | 29.64 | 31.69 | 33.65 | 35.79 | 38.29 | 40.59 | 0.14 | 0.39 | 0.69 | 0.93 | 1.13 | 1.33 | 1.49 | 1.63 | 1.72 | 1500 |
| 28.08 | 29.36 | 30.90 | 32.98 | 34.96 | 37.10 | 39.57 | 41.80 | 0.15 | 0.42 | 0.73 | 1.00 | 1.21 | 1.41 | 1.59 | 1.73 | 1.84 | 1600 |
| 29.20 | 30.49 | 32.06 | 34.16 | 36.14 | 38.24 | 40.64 | 42.75 | 0.16 | 0.45 | 0.78 | 1.06 | 1.28 | 1.50 | 1.69 | 1.84 | 1.95 | 1700 |
| 30.23 | 31.53 | 33.11 | 35.20 | 37.16 | 39.21 | 41.49 | 43.45 | 0.17 | 0.47 | 0.82 | 1.12 | 1.36 | 1.59 | 1.79 | 1.95 | 2.07 | 1800 |
| 31.16 | 32.47 | 34.05 | 36.11 | 38.02 | 39.99 | 42.12 | 43.87 | 0.18 | 0.50 | 0.87 | 1.18 | 1.43 | 1.68 | 1.89 | 2.06 | 2.18 | 1900 |
| 32.00 | 33.31 | 34.86 | 36.88 | 38.72 | 40.58 | 42.52 | 44.01 | 0.19 | 0.52 | 0.91 | 1.24 | 1.51 | 1.77 | 1.99 | 2.17 | 2.30 | 2000 |
| 32.74 | 34.03 | 35.55 | 37.51 | 39.25 | 40.96 | 42.66 | 43.85 | 0.20 | 0.55 | 0.96 | 1.31 | 1.59 | 1.86 | 2.09 | 2.28 | 2.41 | 2100 |
| 33.37 | 34.64 | 36.11 | 37.98 | 39.60 | 41.13 | 42.54 | 43.37 | 0.21 | 0.58 | 1.01 | 1.37 | 1.66 | 1.94 | 2.19 | 2.38 | 2.53 | 2200 |
| 33.90 | 35.13 | 36.54 | 38.29 | 39.76 | 41.08 | 42.16 | 42.57 | 0.22 | 0.60 | 1.05 | 1.43 | 1.74 | 2.03 | 2.29 | 2.49 | 2.64 | 2300 |
| 34.32 | 35.49 | 36.82 | 38.43 | 39.73 | 40.80 | 41.49 | 41.43 | 0.23 | 0.63 | 1.10 | 1.49 | 1.81 | 2.12 | 2.39 | 2.60 | 2.76 | 2400 |
| 34.62 | 35.73 | 36.96 | 38.41 | 39.49 | 40.28 | 40.53 | — | 0.24 | 0.66 | 1.14 | 1.56 | 1.89 | 2.21 | 2.49 | 2.71 | 2.87 | 2500 |
| 34.80 | 35.83 | 36.95 | 38.20 | 39.05 | 39.51 | — | — | 0.25 | 0.68 | 1.19 | 1.62 | 1.96 | 2.30 | 2.59 | 2.82 | 2.99 | 2600 |
| 34.86 | 35.80 | 36.79 | 37.81 | 38.39 | 38.48 | — | — | 0.26 | 0.71 | 1.23 | 1.68 | 2.04 | 2.39 | 2.69 | 2.93 | 3.10 | 2700 |
| 34.79 | 35.62 | 36.46 | 37.23 | 37.51 | — | — | — | 0.27 | 0.73 | 1.28 | 1.74 | 2.11 | 2.47 | 2.79 | 3.03 | 3.22 | 2800 |
| 34.58 | 35.30 | 35.97 | 36.45 | 36.40 | — | — | — | 0.28 | 0.79 | 1.33 | 1.80 | 2.19 | 2.56 | 2.88 | 3.14 | 3.33 | 2900 |
| 34.24 | 34.82 | 35.30 | 35.47 | — | — | — | — | 0.29 | 0.79 | 1.37 | 1.87 | 2.26 | 2.65 | 2.98 | 3.25 | 3.45 | 3000 |
| 33.76 | 34.19 | 34.46 | — | — | — | — | — | 0.30 | 0.81 | 1.42 | 1.93 | 2.34 | 2.74 | 3.08 | 3.36 | 3.56 | 3100 |
| 33.14 | 33.40 | 33.43 | — | — | — | — | — | 0.31 | 0.84 | 1.46 | 1.99 | 2.42 | 2.83 | 3.18 | 3.47 | 3.68 | 3200 |
| 32.36 | 32.45 | — | — | — | — | — | — | 0.32 | 0.87 | 1.51 | 2.05 | 2.49 | 2.92 | 3.28 | 3.58 | 3.79 | 3300 |
| 31.44 | 31.32 | — | — | — | — | — | — | 0.33 | 0.89 | 1.55 | 2.12 | 2.57 | 3.00 | 3.38 | 3.69 | 3.91 | 3400 |
| 30.35 | — | — | — | — | — | — | — | 0.34 | 0.92 | 1.60 | 2.18 | 2.64 | 3.09 | 3.48 | 3.79 | 4.02 | 3500 |
| — | — | — | — | — | — | — | — | 0.35 | 0.94 | 1.64 | 2.24 | 2.72 | 3.18 | 3.58 | 3.90 | 4.13 | 3600 |
| — | — | — | — | — | — | — | — | 0.36 | 0.97 | 1.69 | 2.30 | 2.79 | 3.27 | 3.68 | 4.01 | 4.25 | 3700 |
| — | — | — | — | — | — | — | — | 0.37 | 1.00 | 1.74 | 2.36 | 2.87 | 3.36 | 3.78 | 4.12 | 4.36 | 3800 |
| — | — | — | — | — | — | — | — | 0.38 | 1.02 | 1.78 | 2.43 | 2.94 | 3.45 | 3.88 | 4.23 | 4.48 | 3900 |
| — | — | — | — | — | — | — | — | 0.39 | 1.05 | 1.83 | 2.49 | 3.02 | 3.53 | 3.98 | 4.34 | 4.59 | 4000 |
| — | — | — | — | — | — | — | — | 0.40 | 1.10 | 1.92 | 2.61 | 3.17 | 3.71 | 4.18 | 4.55 | 4.82 | 4200 |
| — | — | — | — | — | — | — | — | 0.42 | 1.15 | 2.01 | 2.74 | 3.32 | 3.89 | 4.38 | 4.77 | 5.05 | 4400 |
| — | — | — | — | — | — | — | — | 0.44 | 1.21 | 2.10 | 2.86 | 3.47 | 4.06 | 4.58 | 4.99 | 5.28 | 4600 |
| — | — | — | — | — | — | — | — | 0.46 | 1.26 | 2.19 | 2.99 | 3.62 | 4.24 | 4.77 | 5.20 | 5.51 | 4800 |
| — | — | — | — | — | — | — | — | 0.48 | 1.31 | 2.28 | 3.11 | 3.77 | 4.42 | 4.97 | 5.42 | 5.74 | 5000 |

# 5VX Capacidad Básica de Potencia HP

Martin

| RPM del Eje más Rápido | Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4.40 | 4.65 | 4.90 | 5.20 | 5.50 | 5.90 | 6.30 | 6.70 | 7.10 | 7.50 | 8.00 | 8.50 | 9.00 | 9.25 | 9.75 | 10.30 |
| 435 | 2.57 | 2.90 | 3.22 | 3.61 | 3.99 | 4.51 | 5.01 | 5.52 | 6.03 | 6.53 | 7.16 | 7.78 | 8.40 | 8.71 | 9.32 | 10.00 |
| 485 | 2.82 | 3.18 | 3.54 | 3.97 | 4.40 | 4.96 | 5.53 | 6.09 | 6.65 | 7.20 | 7.90 | 8.58 | 9.27 | 9.61 | 10.29 | 11.04 |
| 575 | 3.27 | 3.69 | 4.11 | 4.61 | 5.11 | 5.77 | 6.43 | 7.09 | 7.74 | 8.40 | 9.21 | 10.01 | 10.81 | 11.21 | 12.01 | 12.88 |
| 585 | 3.32 | 3.74 | 4.17 | 4.68 | 5.19 | 5.86 | 6.53 | 7.20 | 7.87 | 8.53 | 9.35 | 10.17 | 10.98 | 11.39 | 12.19 | 13.08 |
| 690 | 3.82 | 4.32 | 4.81 | 5.41 | 6.00 | 6.78 | 7.57 | 8.34 | 9.12 | 9.88 | 10.84 | 11.79 | 12.74 | 13.21 | 14.15 | 15.17 |
| 725 | 3.98 | 4.50 | 5.02 | 5.65 | 6.27 | 7.09 | 7.90 | 8.72 | 9.53 | 10.33 | 11.33 | 12.33 | 13.31 | 13.81 | 14.79 | 15.86 |
| 870 | 4.64 | 5.26 | 5.88 | 6.61 | 7.35 | 8.32 | 9.28 | 10.24 | 11.20 | 12.15 | 13.33 | 14.50 | 15.66 | 16.24 | 17.39 | 18.65 |
| 950 | 5.00 | 5.67 | 6.34 | 7.13 | 7.93 | 8.98 | 10.03 | 11.07 | 12.10 | 13.13 | 14.40 | 15.67 | 16.92 | 17.55 | 18.79 | 20.15 |
| 1160 | 5.90 | 6.71 | 7.51 | 8.46 | 9.42 | 10.68 | 11.93 | 13.17 | 14.40 | 15.63 | 17.15 | 18.65 | 20.14 | 20.89 | 22.36 | 23.96 |
| 1425 | 6.98 | 7.95 | 8.92 | 10.07 | 11.21 | 12.73 | 14.23 | 15.71 | 17.19 | 18.65 | 20.45 | 22.24 | 24.01 | 24.88 | 26.61 | 28.49 |
| 1750 | 8.23 | 9.40 | 10.55 | 11.93 | 13.30 | 15.11 | 16.89 | 18.66 | 20.41 | 22.13 | 24.26 | 26.35 | 28.41 | 29.43 | 31.44 | 33.60 |
| 2850 | 11.86 | 13.62 | 15.35 | 17.40 | 19.42 | 22.06 | 24.64 | 27.15 | 29.60 | 31.98 | 34.85 | 37.61 | 40.24 | 41.51 | 43.95 | 46.48 |
| 3450 | 13.45 | 15.47 | 17.46 | 19.80 | 22.09 | 25.06 | 27.93 | 30.69 | 33.34 | 35.87 | 38.87 | 41.67 | 44.26 | 45.48 | 47.74 | 49.95 |
| 100 | 0.71 | 0.79 | 0.87 | 0.97 | 1.07 | 1.20 | 1.33 | 1.45 | 1.58 | 1.71 | 1.87 | 2.02 | 2.18 | 2.26 | 2.42 | 2.59 |
| 200 | 1.31 | 1.47 | 1.62 | 1.81 | 2.00 | 2.24 | 2.49 | 2.73 | 2.98 | 3.22 | 3.53 | 3.83 | 4.13 | 4.28 | 4.58 | 4.91 |
| 300 | 1.86 | 2.09 | 2.32 | 2.60 | 2.87 | 3.23 | 3.59 | 3.95 | 4.31 | 4.66 | 5.11 | 5.55 | 5.99 | 6.21 | 6.64 | 7.12 |
| 400 | 2.39 | 2.69 | 2.99 | 3.35 | 3.71 | 4.18 | 4.65 | 5.12 | 5.59 | 6.05 | 6.63 | 7.21 | 7.78 | 8.07 | 8.64 | 9.26 |
| 500 | 2.90 | 3.27 | 3.64 | 4.08 | 4.52 | 5.10 | 5.68 | 6.26 | 6.83 | 7.40 | 8.12 | 8.82 | 9.53 | 9.88 | 10.58 | 11.35 |
| 600 | 3.39 | 3.83 | 4.26 | 4.79 | 5.31 | 6.00 | 6.68 | 7.37 | 8.05 | 8.72 | 9.56 | 10.40 | 11.23 | 11.65 | 12.48 | 13.38 |
| 700 | 3.86 | 4.37 | 4.87 | 5.48 | 6.08 | 6.87 | 7.66 | 8.45 | 9.23 | 10.01 | 10.98 | 11.94 | 12.90 | 13.38 | 14.33 | 15.37 |
| 800 | 4.33 | 4.90 | 5.47 | 6.15 | 6.83 | 7.73 | 8.62 | 9.51 | 10.40 | 11.28 | 12.37 | 13.46 | 14.54 | 15.07 | 16.14 | 17.31 |
| 900 | 4.78 | 5.41 | 6.05 | 6.81 | 7.57 | 8.57 | 9.56 | 10.55 | 11.54 | 12.52 | 13.73 | 14.94 | 16.14 | 16.73 | 17.92 | 19.21 |
| 1000 | 5.22 | 5.92 | 6.62 | 7.46 | 8.29 | 9.39 | 10.49 | 11.57 | 12.66 | 13.73 | 15.07 | 16.39 | 17.70 | 18.36 | 19.66 | 21.07 |
| 1100 | 5.65 | 6.41 | 7.18 | 8.09 | 9.00 | 10.20 | 11.39 | 12.58 | 13.76 | 14.92 | 16.38 | 17.81 | 19.24 | 19.95 | 21.35 | 22.89 |
| 1200 | 6.07 | 6.90 | 7.72 | 8.71 | 9.69 | 10.99 | 12.28 | 13.56 | 14.83 | 16.10 | 17.66 | 19.21 | 20.74 | 21.50 | 23.02 | 24.66 |
| 1300 | 6.48 | 7.37 | 8.26 | 9.32 | 10.38 | 11.77 | 13.16 | 14.53 | 15.89 | 17.24 | 18.92 | 20.57 | 22.21 | 23.03 | 24.64 | 26.39 |
| 1400 | 6.88 | 7.84 | 8.79 | 9.92 | 11.05 | 12.54 | 14.01 | 15.48 | 16.93 | 18.37 | 20.15 | 21.91 | 23.65 | 24.51 | 26.22 | 28.08 |
| 1500 | 7.28 | 8.29 | 9.30 | 10.51 | 11.71 | 13.29 | 14.86 | 16.41 | 17.95 | 19.47 | 21.36 | 23.22 | 25.06 | 25.96 | 27.76 | 29.72 |
| 1600 | 7.66 | 8.74 | 9.81 | 11.09 | 12.35 | 14.03 | 15.68 | 17.32 | 18.95 | 20.55 | 22.54 | 24.50 | 26.43 | 27.38 | 29.27 | 31.31 |
| 1700 | 8.04 | 9.18 | 10.31 | 11.65 | 12.99 | 14.75 | 16.50 | 18.22 | 19.93 | 21.61 | 23.69 | 25.74 | 27.76 | 28.76 | 30.72 | 32.85 |
| 1800 | 8.42 | 9.61 | 10.80 | 12.21 | 13.61 | 15.46 | 17.29 | 19.10 | 20.88 | 22.65 | 24.82 | 26.96 | 29.06 | 30.09 | 32.14 | 34.34 |
| 1900 | 8.78 | 10.03 | 11.28 | 12.76 | 14.22 | 16.16 | 18.07 | 19.96 | 21.82 | 23.66 | 25.92 | 28.14 | 30.32 | 31.39 | 33.51 | 35.78 |
| 2000 | 9.14 | 10.45 | 11.74 | 13.29 | 14.82 | 16.84 | 18.83 | 20.80 | 22.74 | 24.65 | 26.99 | 29.29 | 31.54 | 32.65 | 34.83 | 37.16 |
| 2100 | 9.48 | 10.85 | 12.20 | 13.82 | 15.41 | 17.51 | 19.58 | 21.62 | 23.63 | 25.61 | 28.04 | 30.41 | 32.73 | 33.87 | 36.10 | 38.49 |
| 2200 | 9.83 | 11.25 | 12.66 | 14.33 | 15.99 | 18.17 | 20.31 | 22.43 | 24.50 | 26.55 | 29.05 | 31.49 | 33.87 | 35.04 | 37.33 | 39.76 |
| 2300 | 10.16 | 11.64 | 13.10 | 14.83 | 16.55 | 18.81 | 21.03 | 23.21 | 25.35 | 27.46 | 30.03 | 32.54 | 34.98 | 36.17 | 38.50 | 40.97 |
| 2400 | 10.49 | 12.01 | 13.53 | 15.33 | 17.10 | 19.43 | 21.72 | 23.97 | 26.18 | 28.34 | 30.98 | 33.55 | 36.03 | 37.25 | 39.62 | 42.12 |
| 2500 | 10.81 | 12.39 | 13.95 | 15.81 | 17.64 | 20.04 | 22.40 | 24.72 | 26.98 | 29.20 | 31.90 | 34.52 | 37.05 | 38.28 | 40.68 | 43.21 |
| 2600 | 11.12 | 12.75 | 14.36 | 16.28 | 18.16 | 20.64 | 23.06 | 25.44 | 27.76 | 30.03 | 32.79 | 35.45 | 38.02 | 39.27 | 41.69 | 44.23 |
| 2700 | 11.42 | 13.10 | 14.77 | 16.74 | 18.68 | 21.22 | 23.71 | 26.14 | 28.52 | 30.83 | 33.64 | 36.35 | 38.95 | 40.20 | 42.64 | 45.18 |
| 2800 | 11.72 | 13.45 | 15.16 | 17.18 | 19.18 | 21.79 | 24.33 | 26.82 | 29.25 | 31.61 | 34.46 | 37.20 | 39.82 | 41.09 | 43.53 | 46.06 |
| 2900 | 12.00 | 13.78 | 15.54 | 17.62 | 19.66 | 22.33 | 24.94 | 27.48 | 29.95 | 32.35 | 35.24 | 38.01 | 40.65 | 41.92 | 44.36 | 46.87 |
| 3000 | 12.28 | 14.11 | 15.91 | 18.04 | 20.14 | 22.87 | 25.53 | 28.12 | 30.63 | 33.06 | 35.99 | 38.78 | 41.43 | 42.70 | 45.12 | 47.61 |
| 3100 | 12.56 | 14.43 | 16.28 | 18.46 | 20.60 | 23.38 | 26.10 | 28.73 | 31.28 | 33.74 | 36.69 | 39.50 | 42.15 | 43.42 | 45.82 | 48.27 |
| 3200 | 12.82 | 14.74 | 16.63 | 18.86 | 21.04 | 23.89 | 26.65 | 29.32 | 31.90 | 34.39 | 37.36 | 40.18 | 42.82 | 44.08 | 46.46 | 48.85 |
| 3300 | 13.08 | 15.04 | 16.97 | 19.25 | 21.47 | 24.37 | 27.17 | 29.88 | 32.50 | 35.01 | 38.00 | 40.81 | 43.44 | 44.68 | 47.02 | 49.36 |
| 3400 | 13.33 | 15.33 | 17.30 | 19.62 | 21.89 | 24.83 | 27.68 | 30.43 | 33.06 | 35.59 | 38.59 | 41.39 | 44.00 | 45.23 | 47.52 | 49.78 |
| 3500 | 13.57 | 15.61 | 17.62 | 19.98 | 22.29 | 25.28 | 28.17 | 30.94 | 33.60 | 36.14 | 39.14 | 41.93 | 44.50 | 45.71 | 47.94 | 50.11 |
| 3600 | 13.80 | 15.88 | 17.93 | 20.33 | 22.68 | 25.71 | 28.63 | 31.43 | 34.11 | 36.65 | 39.65 | 42.42 | 44.95 | 46.13 | 48.29 | 50.36 |
| 3700 | 14.02 | 16.14 | 18.23 | 20.67 | 23.05 | 26.12 | 29.07 | 31.90 | 34.58 | 37.13 | 40.11 | 42.85 | 45.34 | 46.48 | 48.56 | 50.52 |
| 3800 | 14.23 | 16.40 | 18.51 | 20.99 | 23.41 | 26.52 | 29.49 | 32.33 | 35.03 | 37.57 | 40.53 | 43.23 | 45.66 | 46.77 | 48.76 | |
| 3900 | 14.44 | 16.64 | 18.79 | 21.30 | 23.75 | 26.89 | 29.89 | 32.74 | 35.44 | 37.98 | 40.91 | 43.56 | 45.92 | 46.98 | 48.87 | |
| 4000 | 14.64 | 16.87 | 19.05 | 21.60 | 24.07 | 27.24 | 30.26 | 33.13 | 35.82 | 38.34 | 41.24 | 43.84 | 46.12 | 47.13 | | |
| 4200 | 15.00 | 17.30 | 19.54 | 22.15 | 24.67 | 27.89 | 30.94 | 33.81 | 36.48 | 38.96 | 41.76 | 44.22 | 46.31 | | | |
| 4400 | 15.33 | 17.69 | 19.98 | 22.64 | 25.21 | 28.46 | 31.52 | 34.37 | 37.00 | 39.41 | 42.09 | 44.36 | | | | |
| 4600 | 15.62 | 18.08 | 20.37 | 23.08 | 25.67 | 28.94 | 31.99 | 34.81 | 37.38 | 39.70 | 42.21 | | | | | |
| 4800 | 15.88 | 18.33 | 20.71 | 23.45 | 26.06 | 29.34 | 32.36 | 35.13 | 37.61 | 39.81 | 42.12 | | | | | |
| 5000 | 16.09 | 18.59 | 20.99 | 23.76 | 26.38 | 29.64 | 32.62 | 35.31 | 37.68 | 39.73 | | | | | | |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP 5VX

| Diámetro Exterior de la Polea (en pulgadas) | | | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.90 | 11.30 | 11.80 | 12.50 | 13.20 | 14.00 | 15.00 | 16.00 | 1.02 - 1.05 | 1.06 - 1.11 | 1.12 - 1.18 | 1.19 - 1.26 | 1.27 - 1.38 | 1.39 - 1.57 | 1.58 - 1.94 | 1.95 - 3.38 | 3.39 - o más | |
| 10.73 | 11.22 | 11.82 | 12.67 | 13.51 | 14.46 | 15.65 | 16.83 | 0.03 | 0.09 | 0.15 | 0.21 | 0.25 | 0.30 | 0.33 | 0.36 | 0.38 | 435 |
| 11.85 | 12.38 | 13.05 | 13.99 | 14.91 | 15.97 | 17.27 | 18.57 | 0.04 | 0.10 | 0.17 | 0.23 | 0.28 | 0.33 | 0.37 | 0.40 | 0.43 | 485 |
| 13.82 | 14.45 | 15.23 | 16.31 | 17.39 | 18.62 | 20.14 | 21.64 | 0.04 | 0.12 | 0.20 | 0.27 | 0.33 | 0.39 | 0.44 | 0.48 | 0.51 | 575 |
| 14.04 | 14.67 | 15.47 | 16.57 | 17.67 | 18.91 | 20.45 | 21.98 | 0.04 | 0.12 | 0.21 | 0.28 | 0.34 | 0.40 | 0.45 | 0.49 | 0.52 | 585 |
| 16.28 | 17.02 | 17.94 | 19.21 | 20.48 | 21.91 | 23.69 | 25.45 | 0.05 | 0.14 | 0.24 | 0.33 | 0.40 | 0.47 | 0.53 | 0.57 | 0.61 | 690 |
| 17.02 | 17.79 | 18.75 | 20.08 | 21.40 | 22.90 | 24.75 | 26.58 | 0.05 | 0.15 | 0.25 | 0.35 | 0.42 | 0.49 | 0.55 | 0.60 | 0.64 | 725 |
| 20.01 | 20.91 | 22.03 | 23.58 | 25.12 | 26.87 | 29.01 | 31.13 | 0.06 | 0.18 | 0.31 | 0.42 | 0.50 | 0.59 | 0.67 | 0.72 | 0.77 | 870 |
| 21.61 | 22.59 | 23.79 | 25.46 | 27.12 | 28.98 | 31.28 | 33.54 | 0.07 | 0.19 | 0.33 | 0.45 | 0.55 | 0.65 | 0.73 | 0.79 | 0.84 | 950 |
| 25.69 | 26.83 | 28.24 | 30.19 | 32.12 | 34.28 | 36.92 | 39.50 | 0.09 | 0.23 | 0.41 | 0.55 | 0.67 | 0.79 | 0.89 | 0.97 | 1.02 | 1160 |
| 30.51 | 31.84 | 33.48 | 35.73 | 37.93 | 40.39 | 43.36 | 46.22 | 0.11 | 0.29 | 0.50 | 0.68 | 0.83 | 0.97 | 1.09 | 1.19 | 1.26 | 1425 |
| 35.91 | 37.42 | 39.27 | 41.78 | 44.22 | 46.89 | 50.07 | 53.04 | 0.13 | 0.35 | 0.61 | 0.84 | 1.02 | 1.19 | 1.34 | 1.46 | 1.54 | 1750 |
| 49.04 | 50.62 | 52.47 | 54.79 | 56.77 | — | — | — | 0.21 | 0.57 | 1.00 | 1.36 | 1.65 | 1.94 | 2.18 | 2.37 | 2.52 | 2850 |
| 52.04 | — | — | — | — | — | — | — | 0.26 | 0.70 | 1.21 | 1.65 | 2.00 | 2.34 | 2.64 | 2.87 | 3.05 | 3450 |
| 2.77 | 2.90 | 3.05 | 3.27 | 3.48 | 3.73 | 4.03 | 4.33 | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.09 | 100 |
| 5.26 | 5.50 | 5.80 | 6.21 | 6.62 | 7.09 | 7.67 | 8.25 | 0.01 | 0.04 | 0.07 | 0.10 | 0.12 | 0.14 | 0.15 | 0.17 | 0.18 | 200 |
| 7.64 | 7.99 | 8.42 | 9.02 | 9.62 | 10.30 | 11.14 | 11.98 | 0.02 | 0.06 | 0.11 | 0.14 | 0.17 | 0.20 | 0.23 | 0.25 | 0.26 | 300 |
| 9.94 | 10.39 | 10.95 | 11.73 | 12.51 | 13.40 | 14.50 | 15.59 | 0.03 | 0.08 | 0.14 | 0.19 | 0.23 | 0.27 | 0.31 | 0.33 | 0.35 | 400 |
| 12.18 | 12.73 | 13.42 | 14.38 | 15.33 | 16.41 | 17.76 | 19.09 | 0.04 | 0.10 | 0.18 | 0.24 | 0.29 | 0.34 | 0.38 | 0.42 | 0.44 | 500 |
| 14.36 | 15.01 | 15.82 | 16.95 | 18.07 | 19.34 | 20.92 | 22.48 | 0.04 | 0.12 | 0.21 | 0.29 | 0.35 | 0.41 | 0.46 | 0.50 | 0.53 | 600 |
| 16.49 | 17.24 | 18.17 | 19.46 | 20.74 | 22.20 | 24.00 | 25.77 | 0.05 | 0.14 | 0.25 | 0.33 | 0.41 | 0.48 | 0.54 | 0.58 | 0.62 | 700 |
| 18.58 | 19.42 | 20.46 | 21.91 | 23.34 | 24.97 | 26.98 | 28.96 | 0.06 | 0.16 | 0.28 | 0.38 | 0.46 | 0.54 | 0.61 | 0.67 | 0.71 | 800 |
| 20.61 | 21.54 | 22.69 | 24.29 | 25.88 | 27.66 | 29.87 | 32.04 | 0.07 | 0.18 | 0.32 | 0.43 | 0.52 | 0.61 | 0.69 | 0.75 | 0.79 | 900 |
| 22.60 | 23.62 | 24.87 | 26.61 | 28.34 | 30.28 | 32.66 | 35.01 | 0.07 | 0.20 | 0.35 | 0.48 | 0.58 | 0.68 | 0.76 | 0.83 | 0.88 | 1000 |
| 24.54 | 25.64 | 26.99 | 28.87 | 30.72 | 32.80 | 35.36 | 37.85 | 0.08 | 0.22 | 0.39 | 0.53 | 0.64 | 0.75 | 0.84 | 0.92 | 0.97 | 1100 |
| 26.44 | 27.61 | 29.06 | 31.06 | 33.03 | 35.24 | 37.95 | 40.58 | 0.09 | 0.24 | 0.42 | 0.57 | 0.70 | 0.81 | 0.92 | 1.00 | 1.06 | 1200 |
| 28.28 | 29.52 | 31.06 | 33.18 | 35.26 | 37.59 | 40.43 | 43.17 | 0.10 | 0.26 | 0.46 | 0.62 | 0.75 | 0.88 | 0.99 | 1.08 | 1.15 | 1300 |
| 30.07 | 31.38 | 33.00 | 35.23 | 37.41 | 39.84 | 42.79 | 45.63 | 0.10 | 0.28 | 0.49 | 0.67 | 0.81 | 0.95 | 1.07 | 1.17 | 1.24 | 1400 |
| 31.81 | 33.18 | 34.88 | 37.20 | 39.47 | 41.99 | 45.03 | 47.94 | 0.11 | 0.30 | 0.53 | 0.72 | 0.87 | 1.02 | 1.15 | 1.25 | 1.32 | 1500 |
| 33.49 | 34.92 | 36.68 | 39.09 | 41.44 | 44.03 | 47.15 | 50.10 | 0.12 | 0.32 | 0.56 | 0.77 | 0.93 | 1.09 | 1.22 | 1.33 | 1.41 | 1600 |
| 35.12 | 36.60 | 38.42 | 40.91 | 43.32 | 45.97 | 49.13 | 52.10 | 0.13 | 0.34 | 0.60 | 0.81 | 0.99 | 1.15 | 1.30 | 1.42 | 1.50 | 1700 |
| 36.69 | 38.22 | 40.09 | 42.64 | 45.09 | 47.79 | 50.97 | 53.94 | 0.13 | 0.36 | 0.63 | 0.86 | 1.04 | 1.22 | 1.38 | 1.50 | 1.59 | 1800 |
| 38.19 | 39.76 | 41.68 | 44.28 | 46.77 | 49.48 | 52.67 | 55.60 | 0.14 | 0.38 | 0.67 | 0.91 | 1.10 | 1.29 | 1.45 | 1.58 | 1.68 | 1900 |
| 39.64 | 41.24 | 43.19 | 45.83 | 48.34 | 51.06 | 54.21 | 57.08 | 0.15 | 0.40 | 0.70 | 0.96 | 1.16 | 1.36 | 1.53 | 1.67 | 1.77 | 2000 |
| 41.01 | 42.64 | 44.62 | 47.28 | 49.80 | 52.50 | 55.59 | 58.36 | 0.16 | 0.42 | 0.74 | 1.00 | 1.22 | 1.43 | 1.61 | 1.75 | 1.85 | 2100 |
| 42.32 | 43.98 | 45.97 | 48.64 | 51.14 | 53.81 | 56.82 | 59.45 | 0.16 | 0.44 | 0.77 | 1.05 | 1.28 | 1.49 | 1.68 | 1.83 | 1.94 | 2200 |
| 43.57 | 45.23 | 47.23 | 49.89 | 52.37 | 54.97 | 57.86 | 60.33 | 0.17 | 0.46 | 0.81 | 1.10 | 1.33 | 1.56 | 1.76 | 1.92 | 2.03 | 2300 |
| 44.73 | 46.40 | 48.40 | 51.04 | 53.47 | 55.99 | 58.73 | 61.00 | 0.18 | 0.48 | 0.84 | 1.15 | 1.39 | 1.63 | 1.83 | 2.00 | 2.12 | 2400 |
| 45.83 | 47.49 | 49.48 | 52.07 | 54.44 | 56.86 | 59.42 | — | 0.19 | 0.50 | 0.88 | 1.20 | 1.45 | 1.70 | 1.91 | 2.08 | 2.21 | 2500 |
| 46.85 | 48.50 | 50.46 | 53.00 | 55.28 | 57.57 | — | — | 0.19 | 0.52 | 0.91 | 1.24 | 1.51 | 1.77 | 1.99 | 2.17 | 2.30 | 2600 |
| 47.78 | 49.42 | 51.34 | 53.80 | 55.99 | 58.12 | — | — | 0.20 | 0.54 | 0.95 | 1.29 | 1.57 | 1.83 | 2.06 | 2.25 | 2.38 | 2700 |
| 48.64 | 50.25 | 52.12 | 54.49 | 56.55 | — | — | — | 0.21 | 0.56 | 0.98 | 1.34 | 1.62 | 1.90 | 2.14 | 2.33 | 2.47 | 2800 |
| 49.41 | 50.98 | 52.79 | 55.05 | 56.96 | — | — | — | 0.21 | 0.58 | 1.02 | 1.39 | 1.68 | 1.97 | 2.22 | 2.42 | 2.56 | 2900 |
| 50.10 | 51.62 | 53.36 | 55.48 | — | — | — | — | 0.22 | 0.60 | 1.05 | 1.43 | 1.74 | 2.04 | 2.29 | 2.50 | 2.65 | 3000 |
| 50.69 | 52.16 | 53.81 | — | — | — | — | — | 0.23 | 0.63 | 1.09 | 1.48 | 1.80 | 2.11 | 2.37 | 2.58 | 2.74 | 3100 |
| 51.20 | 52.59 | 54.14 | — | — | — | — | — | 0.24 | 0.65 | 1.12 | 1.53 | 1.86 | 2.17 | 2.45 | 2.67 | 2.82 | 3200 |
| 51.60 | 52.92 | — | — | — | — | — | — | 0.24 | 0.67 | 1.16 | 1.58 | 1.91 | 2.24 | 2.52 | 2.75 | 2.91 | 3300 |
| 51.92 | 53.15 | — | — | — | — | — | — | 0.25 | 0.69 | 1.19 | 1.63 | 1.97 | 2.31 | 2.60 | 2.83 | 3.00 | 3400 |
| 52.13 | — | — | — | — | — | — | — | 0.26 | 0.71 | 1.23 | 1.67 | 2.03 | 2.38 | 2.68 | 2.92 | 3.09 | 3500 |
| — | — | — | — | — | — | — | — | 0.27 | 0.73 | 1.26 | 1.72 | 2.09 | 2.44 | 2.75 | 3.00 | 3.18 | 3600 |
| — | — | — | — | — | — | — | — | 0.27 | 0.75 | 1.30 | 1.77 | 2.15 | 2.51 | 2.83 | 3.08 | 3.27 | 3700 |
| — | — | — | — | — | — | — | — | 0.28 | 0.77 | 1.33 | 1.82 | 2.20 | 2.58 | 2.91 | 3.17 | 3.35 | 3800 |
| — | — | — | — | — | — | — | — | 0.29 | 0.79 | 1.37 | 1.86 | 2.26 | 2.65 | 2.98 | 3.25 | 3.44 | 3900 |
| — | — | — | — | — | — | — | — | 0.30 | 0.81 | 1.40 | 1.91 | 2.32 | 2.72 | 3.06 | 3.33 | 3.53 | 4000 |
| — | — | — | — | — | — | — | — | 0.31 | 0.85 | 1.47 | 2.01 | 2.44 | 2.85 | 3.21 | 3.50 | 3.71 | 4200 |
| — | — | — | — | — | — | — | — | 0.33 | 0.89 | 1.55 | 2.10 | 2.55 | 2.99 | 3.36 | 3.67 | 3.88 | 4400 |
| — | — | — | — | — | — | — | — | 0.34 | 0.93 | 1.62 | 2.20 | 2.67 | 3.12 | 3.52 | 3.83 | 4.06 | 4600 |
| — | — | — | — | — | — | — | — | 0.36 | 0.97 | 1.69 | 2.30 | 2.78 | 3.26 | 3.67 | 4.00 | 4.24 | 4800 |
| — | — | — | — | — | — | — | — | 0.37 | 1.01 | 1.76 | 2.39 | 2.90 | 3.40 | 3.82 | 4.17 | 4.41 | 5000 |

# 8V Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12.50 | 13.20 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.20 | 22.40 | 24.80 |
| 435 | 20.10 | 22.28 | 24.75 | 27.82 | 30.86 | 33.87 | 36.85 | 39.81 | 42.75 | 46.23 | 49.68 | 56.45 |
| 485 | 22.02 | 24.42 | 27.14 | 30.51 | 33.84 | 37.15 | 40.42 | 43.65 | 46.86 | 50.66 | 54.41 | 61.76 |
| 585 | 25.69 | 28.51 | 31.70 | 35.65 | 39.55 | 43.40 | 47.20 | 50.95 | 54.65 | 59.02 | 63.31 | 71.65 |
| 690 | 29.32 | 32.56 | 36.21 | 40.72 | 45.16 | 49.53 | 53.82 | 58.04 | 62.18 | 67.05 | 71.80 | 80.92 |
| 725 | 30.48 | 33.85 | 37.65 | 42.34 | 46.94 | 51.47 | 55.91 | 60.27 | 64.54 | 69.54 | 74.41 | 83.73 |
| 870 | 35.00 | 38.87 | 43.24 | 48.58 | 53.81 | 58.90 | 63.87 | 68.70 | 73.39 | 78.82 | 84.03 | 93.77 |
| 950 | 37.29 | 41.42 | 46.05 | 51.71 | 57.22 | 62.57 | 67.75 | 72.77 | 77.60 | 83.15 | 88.43 | 98.09 |
| 1160 | 42.57 | 47.26 | 52.48 | 58.77 | 64.81 | 70.58 | 76.06 | 81.25 | 86.12 | 91.55 | 96.48 | 104.80 |
| 1425 | 47.60 | 52.74 | 58.36 | 65.00 | 71.18 | 76.89 | 82.09 | 86.76 | 90.88 | 95.05 | 98.34 | 102.11 |
| 1750 | 50.91 | 56.13 | 61.66 | 67.88 | 73.28 | 77.83 | 81.47 | 84.16 | 85.84 | 86.47 | — | — |
| 50 | 3.01 | 3.31 | 3.64 | 4.06 | 4.47 | 4.88 | 5.30 | 5.70 | 6.11 | 6.60 | 7.09 | 8.06 |
| 100 | 5.59 | 6.15 | 6.79 | 7.59 | 8.38 | 9.17 | 9.96 | 10.74 | 11.52 | 12.46 | 13.38 | 15.23 |
| 150 | 8.00 | 8.82 | 9.76 | 10.92 | 12.07 | 13.23 | 14.37 | 15.51 | 16.65 | 18.01 | 19.36 | 22.05 |
| 200 | 10.30 | 11.37 | 12.59 | 14.11 | 15.62 | 17.12 | 18.61 | 20.10 | 21.58 | 23.35 | 25.11 | 28.60 |
| 250 | 12.51 | 13.83 | 15.33 | 17.19 | 19.04 | 20.88 | 22.71 | 24.53 | 26.35 | 28.51 | 30.66 | 34.92 |
| 300 | 14.65 | 16.20 | 17.97 | 20.17 | 22.36 | 24.53 | 26.69 | 28.83 | 30.97 | 33.51 | 36.03 | 41.02 |
| 350 | 16.72 | 18.51 | 20.55 | 23.07 | 25.58 | 28.07 | 30.55 | 33.01 | 35.45 | 38.35 | 41.23 | 46.92 |
| 400 | 18.73 | 20.75 | 23.04 | 25.89 | 28.72 | 31.52 | 34.30 | 37.05 | 39.79 | 43.04 | 46.26 | 52.60 |
| 450 | 20.69 | 22.93 | 25.47 | 28.63 | 31.76 | 34.86 | 37.93 | 40.98 | 44.00 | 47.58 | 51.12 | 58.07 |
| 500 | 22.59 | 25.05 | 27.84 | 31.30 | 34.72 | 38.11 | 41.46 | 44.78 | 48.06 | 51.96 | 55.79 | 63.31 |
| 550 | 24.43 | 27.11 | 30.14 | 33.88 | 37.59 | 41.26 | 44.88 | 48.46 | 51.99 | 56.17 | 60.28 | 68.30 |
| 600 | 26.23 | 29.11 | 32.37 | 36.40 | 40.38 | 44.30 | 48.18 | 52.00 | 55.77 | 60.22 | 64.58 | 73.05 |
| 650 | 27.97 | 31.05 | 34.53 | 38.83 | 43.07 | 47.25 | 51.36 | 55.41 | 59.40 | 64.09 | 68.67 | 77.53 |
| 700 | 29.66 | 32.93 | 36.63 | 41.19 | 45.67 | 50.09 | 54.43 | 58.69 | 62.87 | 67.77 | 72.56 | 81.74 |
| 750 | 31.29 | 34.75 | 38.66 | 43.46 | 48.18 | 52.82 | 57.36 | 61.81 | 66.17 | 71.27 | 76.22 | 85.65 |
| 800 | 32.88 | 36.51 | 40.62 | 45.66 | 50.60 | 55.43 | 60.17 | 64.79 | 69.30 | 74.56 | 79.64 | 89.26 |
| 850 | 34.40 | 38.21 | 42.50 | 47.76 | 52.91 | 57.94 | 62.84 | 67.61 | 72.26 | 77.65 | 82.83 | 92.55 |
| 900 | 35.87 | 39.85 | 44.32 | 49.78 | 55.12 | 60.32 | 65.37 | 70.27 | 75.02 | 80.51 | 85.76 | 95.50 |
| 950 | 37.29 | 41.42 | 46.05 | 51.71 | 57.22 | 62.57 | 67.75 | 72.77 | 77.60 | 83.15 | 88.43 | 98.09 |
| 1000 | 38.64 | 42.92 | 47.71 | 53.55 | 59.21 | 64.70 | 69.99 | 75.08 | 79.97 | 85.56 | 90.82 | 100.32 |
| 1050 | 39.94 | 44.36 | 49.29 | 55.29 | 61.09 | 66.69 | 72.07 | 77.22 | 82.14 | 87.71 | 92.92 | 102.17 |
| 1100 | 41.18 | 45.72 | 50.79 | 56.94 | 62.86 | 68.54 | 73.98 | 79.17 | 84.08 | 89.62 | 94.73 | 103.61 |
| 1150 | 42.35 | 47.01 | 52.21 | 58.48 | 64.50 | 70.25 | 75.73 | 80.92 | 85.80 | 91.25 | 96.22 | 104.64 |
| 1200 | 43.46 | 48.23 | 53.53 | 59.92 | 66.01 | 71.82 | 77.31 | 82.47 | 87.29 | 92.61 | 97.39 | 105.24 |
| 1250 | 44.50 | 49.37 | 54.77 | 61.24 | 67.40 | 73.23 | 78.70 | 83.81 | 88.54 | 93.69 | 98.23 | 105.38 |
| 1300 | 45.47 | 50.44 | 55.92 | 62.46 | 68.66 | 74.48 | 79.91 | 84.94 | 89.54 | 94.46 | 98.72 | 105.06 |
| 1350 | 46.38 | 51.42 | 56.97 | 63.57 | 69.77 | 75.57 | 80.93 | 85.84 | 90.27 | 94.94 | 98.85 | 104.26 |
| 1400 | 47.21 | 52.32 | 57.92 | 64.55 | 70.75 | 76.49 | 81.75 | 86.51 | 90.75 | 95.09 | 98.61 | 102.96 |
| 1450 | 47.97 | 53.14 | 58.78 | 65.42 | 71.58 | 77.24 | 82.37 | 86.95 | 90.94 | 94.92 | 97.98 | 101.14 |
| 1500 | 48.66 | 53.87 | 59.53 | 66.16 | 72.26 | 77.81 | 82.78 | 87.14 | 90.85 | 94.42 | 96.96 | 98.79 |
| 1550 | 49.27 | 54.51 | 60.18 | 66.77 | 72.79 | 78.20 | 82.98 | 87.08 | 90.47 | 93.57 | 95.54 | 95.89 |
| 1600 | 49.80 | 55.05 | 60.71 | 67.25 | 73.16 | 78.41 | 82.95 | 86.75 | 89.79 | 92.35 | 93.69 | — |
| 1650 | 50.25 | 55.51 | 61.14 | 67.60 | 73.37 | 78.41 | 82.69 | 86.17 | 88.79 | 90.78 | 91.41 | — |
| 1700 | 50.62 | 55.87 | 61.46 | 67.81 | 73.41 | 78.22 | 82.20 | 85.30 | 87.48 | 88.82 | 88.69 | — |
| 1750 | 50.91 | 56.13 | 61.66 | 67.88 | 73.28 | 77.83 | 81.47 | 84.16 | 85.84 | 86.47 | — | — |
| 1800 | 51.11 | 56.29 | 61.74 | 67.80 | 72.98 | 77.23 | 80.49 | 82.72 | 83.87 | 83.73 | — | — |
| 1850 | 51.22 | 56.35 | 61.70 | 67.57 | 72.50 | 76.41 | 79.26 | 80.99 | 81.55 | — | — | — |
| 1900 | 51.24 | 56.30 | 61.53 | 67.19 | 71.83 | 75.38 | 77.77 | 78.96 | 78.87 | — | — | — |
| 1950 | 51.17 | 56.14 | 61.23 | 66.66 | 70.97 | 74.12 | 76.02 | 76.61 | — | — | — | — |
| 2000 | 51.00 | 55.88 | 60.81 | 65.96 | 69.93 | 72.62 | 73.99 | 73.95 | — | — | — | — |
| 2100 | 50.38 | 55.01 | 59.56 | 64.08 | 67.23 | 68.93 | 69.09 | — | — | — | — | — |
| 2200 | 49.36 | 53.67 | 57.75 | 61.52 | 63.72 | 64.25 | — | — | — | — | — | — |
| 2300 | 47.92 | 51.84 | 55.36 | 58.24 | 59.34 | — | — | — | — | — | — | — |
| 2400 | 46.05 | 49.50 | 52.37 | 54.23 | 54.07 | — | — | — | — | — | — | — |
| 2500 | 43.73 | 46.64 | 48.75 | 49.45 | — | — | — | — | — | — | — | — |
| 2600 | 40.94 | 43.23 | 44.48 | — | — | — | — | — | — | — | — | — |
| 2700 | 37.67 | 39.25 | 39.53 | — | — | — | — | — | — | — | — | — |
| 2800 | 33.91 | 34.69 | — | — | — | — | — | — | — | — | — | — |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP 8V

| "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|
| 1.02-1.05 | 1.06-1.11 | 1.12-1.18 | 1.19-1.26 | 1.27-1.38 | 1.39-1.57 | 1.58-1.94 | 1.95-3.38 | 3.39 o más | |
| 0.20 | 0.56 | 0.97 | 1.32 | 1.60 | 1.87 | 2.11 | 2.30 | 2.43 | 435 |
| 0.23 | 0.62 | 1.08 | 1.47 | 1.78 | 2.09 | 2.35 | 2.56 | 2.71 | 485 |
| 0.27 | 0.75 | 1.30 | 1.77 | 2.15 | 2.52 | 2.83 | 3.09 | 3.27 | 585 |
| 0.32 | 0.88 | 1.54 | 2.09 | 2.54 | 2.97 | 3.34 | 3.64 | 3.86 | 690 |
| 0.34 | 0.93 | 1.61 | 2.20 | 2.67 | 3.12 | 3.51 | 3.83 | 4.06 | 725 |
| 0.41 | 1.11 | 1.94 | 2.64 | 3.20 | 3.74 | 4.22 | 4.59 | 4.87 | 870 |
| 0.45 | 1.21 | 2.11 | 2.88 | 3.49 | 4.09 | 4.60 | 5.02 | 5.32 | 950 |
| 0.54 | 1.48 | 2.58 | 3.52 | 4.27 | 4.99 | 5.62 | 6.13 | 6.49 | 1160 |
| 0.67 | 1.82 | 3.17 | 4.32 | 5.24 | 6.13 | 6.91 | 7.52 | 7.97 | 1425 |
| 0.82 | 2.24 | 3.90 | 5.30 | 6.44 | 7.53 | 8.48 | 9.24 | 9.79 | 1750 |
| 0.02 | 0.06 | 0.11 | 0.15 | 0.18 | 0.22 | 0.24 | 0.26 | 0.28 | 50 |
| 0.05 | 0.13 | 0.22 | 0.30 | 0.37 | 0.43 | 0.48 | 0.53 | 0.56 | 100 |
| 0.07 | 0.19 | 0.33 | 0.45 | 0.55 | 0.65 | 0.73 | 0.79 | 0.84 | 150 |
| 0.09 | 0.26 | 0.45 | 0.61 | 0.74 | 0.86 | 0.97 | 1.06 | 1.12 | 200 |
| 0.12 | 0.32 | 0.56 | 0.76 | 0.92 | 1.08 | 1.21 | 1.32 | 1.40 | 250 |
| 0.14 | 0.38 | 0.67 | 0.91 | 1.10 | 1.29 | 1.45 | 1.58 | 1.68 | 300 |
| 0.16 | 0.45 | 0.78 | 1.06 | 1.29 | 1.51 | 1.70 | 1.85 | 1.96 | 350 |
| 0.19 | 0.51 | 0.89 | 1.21 | 1.47 | 1.72 | 1.94 | 2.11 | 2.24 | 400 |
| 0.21 | 0.58 | 1.00 | 1.36 | 1.66 | 1.94 | 2.18 | 2.38 | 2.52 | 450 |
| 0.23 | 0.64 | 1.11 | 1.52 | 1.84 | 2.15 | 2.42 | 2.64 | 2.80 | 500 |
| 0.26 | 0.70 | 1.22 | 1.67 | 2.02 | 2.37 | 2.67 | 2.90 | 3.08 | 550 |
| 0.28 | 0.77 | 1.34 | 1.82 | 2.21 | 2.58 | 2.91 | 3.17 | 3.36 | 600 |
| 0.31 | 0.83 | 1.45 | 1.97 | 2.39 | 2.80 | 3.15 | 3.43 | 3.64 | 650 |
| 0.33 | 0.89 | 1.56 | 2.12 | 2.57 | 3.01 | 3.39 | 3.70 | 3.92 | 700 |
| 0.35 | 0.96 | 1.67 | 2.27 | 2.76 | 3.23 | 3.63 | 3.96 | 4.20 | 750 |
| 0.38 | 1.02 | 1.78 | 2.43 | 2.94 | 3.44 | 3.88 | 4.22 | 4.48 | 800 |
| 0.40 | 1.09 | 1.89 | 2.58 | 3.13 | 3.66 | 4.12 | 4.49 | 4.76 | 850 |
| 0.42 | 1.15 | 2.00 | 2.73 | 3.31 | 3.87 | 4.36 | 4.75 | 5.04 | 900 |
| 0.45 | 1.21 | 2.11 | 2.88 | 3.49 | 4.09 | 4.60 | 5.02 | 5.32 | 950 |
| 0.47 | 1.28 | 2.23 | 3.03 | 3.68 | 4.30 | 4.85 | 5.28 | 5.60 | 1000 |
| 0.49 | 1.34 | 2.34 | 3.18 | 3.86 | 4.52 | 5.09 | 5.54 | 5.88 | 1050 |
| 0.52 | 1.41 | 2.45 | 3.33 | 4.05 | 4.73 | 5.33 | 5.81 | 6.16 | 1100 |
| 0.54 | 1.47 | 2.56 | 3.49 | 4.23 | 4.95 | 5.57 | 6.07 | 6.44 | 1150 |
| 0.56 | 1.53 | 2.67 | 3.64 | 4.41 | 5.17 | 5.82 | 6.34 | 6.71 | 1200 |
| 0.59 | 1.60 | 2.78 | 3.79 | 4.60 | 5.38 | 6.06 | 6.60 | 6.99 | 1250 |
| 0.61 | 1.66 | 2.89 | 3.94 | 4.78 | 5.60 | 6.30 | 6.86 | 7.27 | 1300 |
| 0.63 | 1.73 | 3.01 | 4.09 | 4.97 | 5.81 | 6.54 | 7.13 | 7.55 | 1350 |
| 0.66 | 1.79 | 3.12 | 4.24 | 5.15 | 6.03 | 6.78 | 7.39 | 7.83 | 1400 |
| 0.68 | 1.85 | 3.23 | 4.40 | 5.33 | 6.24 | 7.03 | 7.66 | 8.11 | 1450 |
| 0.70 | 1.92 | 3.34 | 4.55 | 5.52 | 6.46 | 7.27 | 7.92 | 8.39 | 1500 |
| 0.73 | 1.98 | 3.45 | 4.70 | 5.70 | 6.67 | 7.51 | 8.18 | 8.67 | 1550 |
| 0.75 | 2.05 | 3.56 | 4.85 | 5.88 | 6.89 | 7.75 | 8.45 | 8.95 | 1600 |
| 0.77 | 2.11 | 3.67 | 5.00 | 6.07 | 7.10 | 8.00 | 8.71 | 9.23 | 1650 |
| 0.80 | 2.17 | 3.78 | 5.15 | 6.25 | 7.32 | 8.24 | 8.98 | 9.51 | 1700 |
| 0.82 | 2.24 | 3.90 | 5.30 | 6.44 | 7.53 | 8.48 | 9.24 | 9.79 | 1750 |
| 0.84 | 2.30 | 4.01 | 5.46 | 6.62 | 7.75 | 8.72 | 9.51 | 10.07 | 1800 |
| 0.87 | 2.36 | 4.12 | 5.61 | 6.80 | 7.96 | 8.97 | 9.77 | 10.35 | 1850 |
| 0.89 | 2.43 | 4.23 | 5.76 | 6.99 | 8.18 | 9.21 | 10.03 | 10.63 | 1900 |
| 0.92 | 2.49 | 4.34 | 5.91 | 7.17 | 8.39 | 9.45 | 10.30 | 10.91 | 1950 |
| 0.94 | 2.56 | 4.45 | 6.06 | 7.36 | 8.61 | 9.69 | 10.56 | 11.19 | 2000 |
| 0.99 | 2.68 | 4.67 | 6.37 | 7.72 | 9.04 | 10.18 | 11.09 | 11.75 | 2100 |
| 1.03 | 2.81 | 4.90 | 6.67 | 8.09 | 9.47 | 10.66 | 11.62 | 12.31 | 2200 |
| 1.08 | 2.94 | 5.12 | 6.97 | 8.46 | 9.90 | 11.15 | 12.15 | 12.87 | 2300 |
| 1.13 | 3.07 | 5.34 | 7.28 | 8.83 | 10.33 | 11.63 | 12.67 | 13.43 | 2400 |
| 1.17 | 3.20 | 5.57 | 7.58 | 9.19 | 10.76 | 12.12 | 13.20 | 13.99 | 2500 |
| 1.22 | 3.32 | 5.79 | 7.88 | 9.56 | 11.19 | 12.60 | 13.73 | 14.55 | 2600 |
| 1.27 | 3.45 | 6.01 | 8.18 | 9.93 | 11.62 | 13.08 | 14.26 | 15.11 | 2700 |
| 1.31 | 3.58 | 6.23 | 8.49 | 10.30 | 12.05 | 13.57 | 14.79 | 15.67 | 2800 |

# A Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 |
| 1160 | 1.29 | 1.55 | 1.81 | 2.06 | 2.32 | 2.57 | 2.82 | 3.06 | 3.31 | 3.55 | 3.80 | 4.04 | 4.28 | 4.51 |
| 1750 | 1.67 | 2.04 | 2.41 | 2.77 | 3.13 | 3.48 | 3.83 | 4.18 | 4.52 | 4.86 | 5.20 | 5.53 | 5.86 | 6.18 |
| 3500 | 2.24 | 2.87 | 3.48 | 4.08 | 4.66 | 5.22 | 5.77 | 6.30 | 6.82 | 7.32 | 7.80 | 8.26 | 8.71 | 9.13 |
| 50 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.19 | 0.20 | 0.21 | 0.23 | 0.24 | 0.26 | 0.27 | 0.29 | 0.30 |
| 100 | 0.20 | 0.23 | 0.26 | 0.28 | 0.31 | 0.34 | 0.37 | 0.39 | 0.42 | 0.45 | 0.48 | 0.50 | 0.53 | 0.56 |
| 500 | 0.71 | 0.83 | 0.95 | 1.07 | 1.20 | 1.31 | 1.43 | 1.55 | 1.67 | 1.79 | 1.90 | 2.02 | 2.14 | 2.25 |
| 600 | 0.81 | 0.96 | 1.10 | 1.24 | 1.38 | 1.52 | 1.66 | 1.80 | 1.94 | 2.08 | 2.22 | 2.35 | 2.49 | 2.63 |
| 700 | 0.91 | 1.08 | 1.24 | 1.40 | 1.57 | 1.73 | 1.89 | 2.05 | 2.21 | 2.36 | 2.52 | 2.68 | 2.83 | 2.99 |
| 800 | 1.00 | 1.19 | 1.37 | 1.56 | 1.74 | 1.92 | 2.10 | 2.28 | 2.46 | 2.64 | 2.81 | 2.99 | 3.16 | 3.34 |
| 900 | 1.09 | 1.29 | 1.50 | 1.70 | 1.91 | 2.11 | 2.31 | 2.51 | 2.71 | 2.90 | 3.10 | 3.29 | 3.49 | 3.68 |
| 1000 | 1.17 | 1.40 | 1.62 | 1.85 | 2.07 | 2.29 | 2.51 | 2.73 | 2.94 | 3.16 | 3.37 | 3.59 | 3.80 | 4.01 |
| 1100 | 1.25 | 1.50 | 1.74 | 1.98 | 2.23 | 2.47 | 2.70 | 2.94 | 3.17 | 3.41 | 3.64 | 3.87 | 4.10 | 4.33 |
| 1200 | 1.32 | 1.59 | 1.85 | 2.12 | 2.38 | 2.63 | 2.89 | 3.15 | 3.40 | 3.65 | 3.90 | 4.15 | 4.39 | 4.64 |
| 1300 | 1.39 | 1.68 | 1.96 | 2.24 | 2.52 | 2.80 | 3.07 | 3.35 | 3.62 | 3.89 | 4.15 | 4.42 | 4.68 | 4.94 |
| 1400 | 1.46 | 1.77 | 2.07 | 2.37 | 2.66 | 2.96 | 3.25 | 3.54 | 3.83 | 4.11 | 4.40 | 4.68 | 4.96 | 5.23 |
| 1500 | 1.53 | 1.85 | 2.17 | 2.49 | 2.80 | 3.11 | 3.42 | 3.73 | 4.03 | 4.34 | 4.63 | 4.93 | 5.22 | 5.52 |
| 1600 | 1.59 | 1.93 | 2.27 | 2.60 | 2.93 | 3.26 | 3.59 | 3.91 | 4.23 | 4.55 | 4.86 | 5.18 | 5.48 | 5.79 |
| 1700 | 1.65 | 2.01 | 2.36 | 2.71 | 3.06 | 3.41 | 3.75 | 4.09 | 4.43 | 4.76 | 5.09 | 5.41 | 5.74 | 6.05 |
| 1800 | 1.70 | 2.08 | 2.45 | 2.82 | 3.19 | 3.55 | 3.91 | 4.26 | 4.61 | 4.96 | 5.30 | 5.64 | 5.98 | 6.31 |
| 1900 | 1.75 | 2.15 | 2.54 | 2.93 | 3.31 | 3.69 | 4.06 | 4.43 | 4.79 | 5.16 | 5.51 | 5.87 | 6.21 | 6.56 |
| 2000 | 1.80 | 2.22 | 2.62 | 3.03 | 3.42 | 3.82 | 4.21 | 4.59 | 4.97 | 5.34 | 5.71 | 6.08 | 6.44 | 6.80 |
| 2100 | 1.85 | 2.28 | 2.70 | 3.12 | 3.53 | 3.94 | 4.35 | 4.74 | 5.14 | 5.53 | 5.91 | 6.29 | 6.66 | 7.03 |
| 2200 | 1.90 | 2.34 | 2.78 | 3.21 | 3.64 | 4.07 | 4.48 | 4.89 | 5.30 | 5.70 | 6.10 | 6.48 | 6.87 | 7.24 |
| 2300 | 1.94 | 2.40 | 2.85 | 3.30 | 3.75 | 4.18 | 4.61 | 5.04 | 5.46 | 5.87 | 6.27 | 6.67 | 7.07 | 7.45 |
| 2400 | 1.98 | 2.45 | 2.92 | 3.39 | 3.85 | 4.30 | 4.74 | 5.18 | 5.61 | 6.03 | 6.45 | 6.86 | 7.26 | 7.65 |
| 2600 | 2.05 | 2.56 | 3.06 | 3.55 | 4.03 | 4.51 | 4.98 | 5.44 | 5.89 | 6.33 | 6.77 | 7.19 | 7.61 | 8.02 |
| 2800 | 2.11 | 2.65 | 3.17 | 3.69 | 4.20 | 4.70 | 5.19 | 5.67 | 6.14 | 6.60 | 7.06 | 7.50 | 7.93 | 8.35 |
| 3000 | 2.16 | 2.72 | 3.28 | 3.82 | 4.35 | 4.87 | 5.39 | 5.88 | 6.37 | 6.85 | 7.31 | 7.76 | 8.20 | 8.63 |
| 3200 | 2.20 | 2.79 | 3.37 | 3.93 | 4.49 | 5.03 | 5.56 | 6.07 | 6.57 | 7.06 | 7.53 | 7.99 | 8.44 | 8.87 |
| 3400 | 2.23 | 2.84 | 3.45 | 4.03 | 4.60 | 5.16 | 5.71 | 6.23 | 6.75 | 7.24 | 7.72 | 8.18 | 8.63 | 9.06 |
| 3600 | 2.25 | 2.89 | 3.51 | 4.11 | 4.70 | 5.28 | 5.83 | 6.37 | 6.89 | 7.39 | 7.87 | 8.33 | 8.78 | 9.20 |
| 3800 | 2.26 | 2.92 | 3.56 | 4.18 | 4.78 | 5.37 | 5.93 | 6.48 | 7.00 | 7.50 | 7.98 | 8.44 | 8.88 | 9.29 |
| 4000 | 2.25 | 2.93 | 3.59 | 4.23 | 4.84 | 5.44 | 6.01 | 6.56 | 7.08 | 7.58 | 8.06 | 8.51 | 8.93 | 9.32 |
| 4200 | 2.24 | 2.94 | 3.61 | 4.26 | 4.89 | 5.49 | 6.06 | 6.61 | 7.13 | 7.63 | 8.09 | 8.52 | 8.93 | 9.30 |
| 4400 | 2.22 | 2.93 | 3.61 | 4.27 | 4.91 | 5.51 | 6.09 | 6.63 | 7.15 | 7.63 | 8.08 | 8.50 | 8.88 | 9.22 |
| 4600 | 2.18 | 2.91 | 3.60 | 4.27 | 4.91 | 5.51 | 6.08 | 6.62 | 7.13 | 7.60 | 8.03 | 8.42 | 8.77 | 9.09 |
| 4800 | 2.13 | 2.87 | 3.57 | 4.25 | 4.88 | 5.49 | 6.05 | 6.58 | 7.07 | 7.52 | 7.93 | 8.29 | 8.61 | 8.89 |
| 5000 | 2.07 | 2.82 | 3.53 | 4.20 | 4.84 | 5.44 | 5.99 | 6.51 | 6.98 | 7.40 | 7.78 | 8.11 | 8.39 | 8.62 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP A

| Diámetro de Paso de la Polea (en pulgadas) | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 7.0 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 4.75 | 4.99 | 5.22 | 5.45 | 5.68 | 6.13 | 0.03 | 0.07 | 0.11 | 0.14 | 0.18 | 0.21 | 0.24 | 0.27 | 0.30 | 1160 |
| 6.51 | 6.83 | 7.14 | 7.45 | 7.76 | 8.36 | 0.04 | 0.10 | 0.16 | 0.21 | 0.27 | 0.32 | 0.37 | 0.41 | 0.46 | 1750 |
| 9.54 | 9.92 | 10.29 | 10.63 | 10.95 | 11.53 | 0.09 | 0.20 | 0.33 | 0.43 | 0.55 | 0.63 | 0.73 | 0.83 | 0.92 | 3500 |
| 0.32 | 0.33 | 0.34 | 0.36 | 0.37 | 0.40 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 50 |
| 0.58 | 0.61 | 0.64 | 0.66 | 0.69 | 0.74 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 100 |
| 2.37 | 2.48 | 2.59 | 2.71 | 2.82 | 3.04 | 0.01 | 0.03 | 0.05 | 0.06 | 0.08 | 0.09 | 0.10 | 0.12 | 0.13 | 500 |
| 2.76 | 2.89 | 3.03 | 3.16 | 3.29 | 3.56 | 0.01 | 0.03 | 0.06 | 0.07 | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 600 |
| 3.14 | 3.29 | 3.45 | 3.60 | 3.75 | 4.05 | 0.02 | 0.04 | 0.07 | 0.09 | 0.11 | 0.13 | 0.15 | 0.17 | 0.18 | 700 |
| 3.51 | 3.68 | 3.85 | 4.02 | 4.19 | 4.53 | 0.02 | 0.05 | 0.07 | 0.10 | 0.13 | 0.15 | 0.17 | 0.19 | 0.21 | 800 |
| 3.87 | 4.06 | 4.25 | 4.44 | 4.62 | 5.00 | 0.02 | 0.05 | 0.08 | 0.11 | 0.14 | 0.16 | 0.19 | 0.21 | 0.24 | 900 |
| 4.22 | 4.42 | 4.63 | 4.84 | 5.04 | 5.44 | 0.02 | 0.06 | 0.09 | 0.12 | 0.16 | 0.18 | 0.21 | 0.24 | 0.26 | 1000 |
| 4.55 | 4.78 | 5.00 | 5.22 | 5.44 | 5.88 | 0.03 | 0.06 | 0.10 | 0.14 | 0.17 | 0.20 | 0.23 | 0.26 | 0.29 | 1100 |
| 4.88 | 5.12 | 5.36 | 5.60 | 5.83 | 6.30 | 0.03 | 0.07 | 0.11 | 0.15 | 0.19 | 0.22 | 0.25 | 0.28 | 0.31 | 1200 |
| 5.20 | 5.45 | 5.71 | 5.96 | 6.21 | 6.71 | 0.03 | 0.07 | 0.12 | 0.16 | 0.20 | 0.24 | 0.27 | 0.31 | 0.34 | 1300 |
| 5.51 | 5.78 | 6.05 | 6.31 | 6.58 | 7.10 | 0.03 | 0.08 | 0.13 | 0.17 | 0.22 | 0.25 | 0.29 | 0.33 | 0.37 | 1400 |
| 5.80 | 6.09 | 6.37 | 6.65 | 6.93 | 7.48 | 0.04 | 0.09 | 0.14 | 0.18 | 0.23 | 0.27 | 0.31 | 0.35 | 0.39 | 1500 |
| 6.09 | 6.39 | 6.69 | 6.98 | 7.27 | 7.84 | 0.04 | 0.09 | 0.15 | 0.20 | 0.25 | 0.29 | 0.34 | 0.38 | 0.42 | 1600 |
| 6.37 | 6.68 | 6.99 | 7.30 | 7.60 | 8.19 | 0.04 | 0.10 | 0.16 | 0.21 | 0.27 | 0.31 | 0.36 | 0.40 | 0.44 | 1700 |
| 6.64 | 6.96 | 7.29 | 7.60 | 7.91 | 8.53 | 0.04 | 0.10 | 0.17 | 0.22 | 0.28 | 0.33 | 0.38 | 0.43 | 0.47 | 1800 |
| 6.90 | 7.23 | 7.57 | 7.89 | 8.22 | 8.85 | 0.05 | 0.11 | 0.18 | 0.23 | 0.30 | 0.34 | 0.40 | 0.45 | 0.50 | 1900 |
| 7.15 | 7.49 | 7.84 | 8.17 | 8.50 | 9.15 | 0.05 | 0.12 | 0.19 | 0.25 | 0.31 | 0.36 | 0.42 | 0.47 | 0.52 | 2000 |
| 7.39 | 7.74 | 8.09 | 8.44 | 8.78 | 9.44 | 0.05 | 0.12 | 0.20 | 0.26 | 0.33 | 0.38 | 0.44 | 0.50 | 0.55 | 2100 |
| 7.62 | 7.98 | 8.34 | 8.69 | 9.04 | 9.71 | 0.05 | 0.13 | 0.21 | 0.27 | 0.34 | 0.40 | 0.46 | 0.52 | 0.58 | 2200 |
| 7.83 | 8.21 | 8.57 | 8.93 | 9.28 | 9.96 | 0.06 | 0.13 | 0.22 | 0.28 | 0.36 | 0.42 | 0.48 | 0.54 | 0.60 | 2300 |
| 8.04 | 8.42 | 8.79 | 9.16 | 9.51 | 10.20 | 0.06 | 0.14 | 0.22 | 0.29 | 0.38 | 0.44 | 0.50 | 0.57 | 0.63 | 2400 |
| 8.42 | 8.81 | 9.19 | 9.57 | 9.93 | 10.62 | 0.06 | 0.15 | 0.24 | 0.32 | 0.41 | 0.47 | 0.54 | 0.61 | 0.68 | 2600 |
| 8.76 | 9.15 | 9.54 | 9.91 | 10.28 | 10.97 | 0.07 | 0.16 | 0.26 | 0.34 | 0.44 | 0.51 | 0.59 | 0.66 | 0.73 | 2800 |
| 9.04 | 9.44 | 9.83 | 10.20 | 10.56 | 11.23 | 0.07 | 0.17 | 0.28 | 0.37 | 0.47 | 0.54 | 0.63 | 0.71 | 0.78 | 3000 |
| 9.28 | 9.68 | 10.06 | 10.43 | 10.77 | 11.42 | 0.08 | 0.18 | 0.30 | 0.39 | 0.50 | 0.58 | 0.67 | 0.76 | 0.84 | 3200 |
| 9.47 | 9.86 | 10.23 | 10.58 | 10.91 | 11.51 | 0.08 | 0.20 | 0.32 | 0.42 | 0.53 | 0.62 | 0.71 | 0.80 | 0.89 | 3400 |
| 9.60 | 9.98 | 10.33 | 10.66 | 10.97 | 11.52 | 0.09 | 0.21 | 0.34 | 0.44 | 0.56 | 0.65 | 0.75 | 0.85 | 0.94 | 3600 |
| 9.67 | 10.03 | 10.37 | 10.67 | 10.96 | 11.43 | 0.09 | 0.22 | 0.36 | 0.47 | 0.59 | 0.69 | 0.80 | 0.90 | 0.99 | 3800 |
| 9.69 | 10.02 | 10.33 | 10.61 | 10.85 | 11.24 | 0.10 | 0.23 | 0.37 | 0.49 | 0.63 | 0.73 | 0.84 | 0.94 | 1.05 | 4000 |
| 9.64 | 9.95 | 10.22 | 10.46 | 10.66 | 10.95 | 0.10 | 0.24 | 0.39 | 0.52 | 0.66 | 0.76 | 0.88 | 0.99 | 1.10 | 4200 |
| 9.53 | 9.80 | 10.04 | 10.23 | 10.38 | 10.55 | 0.11 | 0.25 | 0.41 | 0.54 | 0.69 | 0.80 | 0.92 | 1.04 | 1.15 | 4400 |
| 9.36 | 9.59 | 9.77 | 9.91 | 10.00 | 10.04 | 0.11 | 0.26 | 0.43 | 0.57 | 0.72 | 0.83 | 0.96 | 1.09 | 1.20 | 4600 |
| 9.11 | 9.29 | 9.42 | 9.50 | 9.52 | 9.41 | 0.12 | 0.28 | 0.45 | 0.59 | 0.75 | 0.87 | 1.01 | 1.13 | 1.25 | 4800 |
| 8.80 | 8.92 | 8.99 | 8.99 | 8.94 | 8.65 | 0.12 | 0.29 | 0.47 | 0.61 | 0.78 | 0.91 | 1.05 | 1.18 | 1.31 | 5000 |

Llame a Martin para cotizar poleas de fabricación especial y para sus requerimientos de poleas en grandes cantidades.

# AX Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 |
| 1160 | 1.57 | 1.83 | 2.09 | 2.34 | 2.60 | 2.85 | 3.10 | 3.35 | 3.60 | 3.84 | 4.09 | 4.33 | 4.57 | 4.81 |
| 1750 | 2.10 | 2.47 | 2.84 | 3.21 | 3.57 | 3.92 | 4.28 | 4.63 | 4.98 | 5.33 | 5.67 | 6.01 | 6.34 | 6.68 |
| 3500 | 3.17 | 3.82 | 4.45 | 5.07 | 5.68 | 6.27 | 6.86 | 7.43 | 7.98 | 8.52 | 9.05 | 9.56 | 10.06 | 10.54 |
| 50 | 0.12 | 0.14 | 0.15 | 0.17 | 0.18 | 0.20 | 0.21 | 0.23 | 0.24 | 0.25 | 0.27 | 0.28 | 0.30 | 0.31 |
| 100 | 0.22 | 0.25 | 0.28 | 0.31 | 0.33 | 0.36 | 0.39 | 0.42 | 0.44 | 0.47 | 0.50 | 0.52 | 0.55 | 0.58 |
| 600 | 0.95 | 1.10 | 1.24 | 1.38 | 1.52 | 1.67 | 1.81 | 1.94 | 2.08 | 2.22 | 2.36 | 2.50 | 2.63 | 2.77 |
| 700 | 1.07 | 1.24 | 1.40 | 1.57 | 1.73 | 1.89 | 2.05 | 2.21 | 2.37 | 2.53 | 2.69 | 2.84 | 3.00 | 3.16 |
| 800 | 1.19 | 1.38 | 1.56 | 1.75 | 1.93 | 2.11 | 2.29 | 2.47 | 2.65 | 2.83 | 3.01 | 3.18 | 3.36 | 3.53 |
| 900 | 1.30 | 1.51 | 1.71 | 1.92 | 2.12 | 2.32 | 2.52 | 2.72 | 2.92 | 3.12 | 3.32 | 3.51 | 3.71 | 3.90 |
| 1000 | 1.41 | 1.63 | 1.86 | 2.09 | 2.31 | 2.53 | 2.75 | 2.97 | 3.19 | 3.40 | 3.62 | 3.83 | 4.05 | 4.26 |
| 1100 | 1.51 | 1.76 | 2.00 | 2.25 | 2.49 | 2.73 | 2.97 | 3.21 | 3.45 | 3.68 | 3.91 | 4.15 | 4.38 | 4.61 |
| 1200 | 1.61 | 1.88 | 2.14 | 2.41 | 2.67 | 2.93 | 3.19 | 3.44 | 3.70 | 3.95 | 4.20 | 4.45 | 4.70 | 4.95 |
| 1300 | 1.71 | 1.99 | 2.28 | 2.56 | 2.84 | 3.12 | 3.40 | 3.67 | 3.94 | 4.21 | 4.48 | 4.75 | 5.02 | 5.28 |
| 1400 | 1.80 | 2.11 | 2.41 | 2.71 | 3.01 | 3.31 | 3.60 | 3.89 | 4.18 | 4.47 | 4.76 | 5.04 | 5.32 | 5.60 |
| 1500 | 1.89 | 2.21 | 2.54 | 2.86 | 3.17 | 3.49 | 3.80 | 4.11 | 4.42 | 4.72 | 5.03 | 5.33 | 5.62 | 5.92 |
| 1600 | 1.98 | 2.32 | 2.66 | 3.00 | 3.33 | 3.67 | 4.00 | 4.32 | 4.65 | 4.97 | 5.29 | 5.60 | 5.92 | 6.23 |
| 1700 | 2.06 | 2.42 | 2.78 | 3.14 | 3.49 | 3.84 | 4.19 | 4.53 | 4.87 | 5.21 | 5.54 | 5.87 | 6.20 | 6.53 |
| 1800 | 2.14 | 2.52 | 2.90 | 3.27 | 3.64 | 4.01 | 4.37 | 4.73 | 5.09 | 5.44 | 5.79 | 6.14 | 6.48 | 6.82 |
| 1900 | 2.22 | 2.62 | 3.01 | 3.40 | 3.79 | 4.17 | 4.55 | 4.93 | 5.30 | 5.67 | 6.03 | 6.40 | 6.75 | 7.11 |
| 2000 | 2.30 | 2.71 | 3.13 | 3.53 | 3.94 | 4.34 | 4.73 | 5.12 | 5.51 | 5.89 | 6.27 | 6.65 | 7.02 | 7.39 |
| 2100 | 2.37 | 2.81 | 3.23 | 3.66 | 4.08 | 4.49 | 4.90 | 5.31 | 5.71 | 6.11 | 6.50 | 6.89 | 7.28 | 7.66 |
| 2200 | 2.44 | 2.89 | 3.34 | 3.78 | 4.22 | 4.65 | 5.07 | 5.49 | 5.91 | 6.32 | 6.73 | 7.13 | 7.53 | 7.92 |
| 2300 | 2.51 | 2.98 | 3.44 | 3.90 | 4.35 | 4.80 | 5.24 | 5.67 | 6.10 | 6.53 | 6.94 | 7.36 | 7.77 | 8.17 |
| 2400 | 2.58 | 3.06 | 3.54 | 4.01 | 4.48 | 4.94 | 5.40 | 5.84 | 6.29 | 6.73 | 7.16 | 7.58 | 8.00 | 8.42 |
| 2600 | 2.71 | 3.22 | 3.73 | 4.24 | 4.73 | 5.22 | 5.70 | 6.18 | 6.65 | 7.11 | 7.56 | 8.01 | 8.45 | 8.88 |
| 2800 | 2.83 | 3.37 | 3.91 | 4.44 | 4.97 | 5.48 | 5.99 | 6.49 | 6.98 | 7.46 | 7.94 | 8.41 | 8.87 | 9.32 |
| 3000 | 2.94 | 3.51 | 4.08 | 4.64 | 5.19 | 5.73 | 6.26 | 6.78 | 7.30 | 7.80 | 8.29 | 8.78 | 9.25 | 9.71 |
| 3200 | 3.04 | 3.64 | 4.24 | 4.82 | 5.40 | 5.96 | 6.51 | 7.06 | 7.59 | 8.11 | 8.62 | 9.11 | 9.60 | 10.07 |
| 3400 | 3.13 | 3.76 | 4.38 | 4.99 | 5.59 | 6.17 | 6.75 | 7.31 | 7.86 | 8.39 | 8.91 | 9.42 | 9.91 | 10.40 |
| 3600 | 3.21 | 3.87 | 4.52 | 5.15 | 5.77 | 6.37 | 6.96 | 7.54 | 8.10 | 8.65 | 9.18 | 9.70 | 10.20 | 10.68 |
| 3800 | 3.29 | 3.97 | 4.64 | 5.29 | 5.93 | 6.55 | 7.16 | 7.75 | 8.32 | 8.88 | 9.42 | 9.94 | 10.44 | 10.92 |
| 4000 | 3.35 | 4.06 | 4.75 | 5.42 | 6.08 | 6.71 | 7.33 | 7.93 | 8.52 | 9.08 | 9.62 | 10.14 | 10.64 | 11.12 |
| 4200 | 3.41 | 4.13 | 4.84 | 5.53 | 6.21 | 6.86 | 7.49 | 8.10 | 8.69 | 9.25 | 9.79 | 10.31 | 10.81 | 11.28 |
| 4400 | 3.45 | 4.20 | 4.93 | 5.64 | 6.32 | 6.98 | 7.62 | 8.24 | 8.83 | 9.39 | 9.93 | 10.45 | 10.93 | 11.39 |
| 4600 | 3.49 | 4.26 | 5.00 | 5.72 | 6.42 | 7.09 | 7.73 | 8.35 | 8.94 | 9.51 | 10.04 | 10.54 | 11.02 | 11.46 |
| 4800 | 3.52 | 4.30 | 5.06 | 5.79 | 6.50 | 7.18 | 7.82 | 8.44 | 9.03 | 9.59 | 10.11 | 10.60 | 11.06 | 11.48 |
| 5000 | 3.53 | 4.33 | 5.11 | 5.85 | 6.56 | 7.24 | 7.89 | 8.51 | 9.09 | 9.63 | 10.14 | 10.62 | 11.05 | 11.44 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP AX

| Diámetro de Paso de la Polea (en pulgadas) | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 7.0 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 5.05 | 5.29 | 5.52 | 5.76 | 5.99 | 6.45 | 0.03 | 0.06 | 0.10 | 0.13 | 0.16 | 0.19 | 0.22 | 0.25 | 0.28 | 1160 |
| 7.01 | 7.34 | 7.66 | 7.98 | 8.30 | 8.93 | 0.04 | 0.09 | 0.15 | 0.20 | 0.25 | 0.29 | 0.33 | 0.38 | 0.42 | 1750 |
| 11.01 | 11.46 | 11.89 | 12.31 | 12.71 | 13.46 | 0.08 | 0.18 | 0.30 | 0.39 | 0.50 | 0.58 | 0.67 | 0.75 | 0.83 | 3500 |
| 0.33 | 0.34 | 0.35 | 0.37 | 0.38 | 0.41 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 50 |
| 0.61 | 0.63 | 0.66 | 0.69 | 0.71 | 0.76 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 100 |
| 2.90 | 3.04 | 3.17 | 3.30 | 3.44 | 3.70 | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.10 | 0.11 | 0.13 | 0.14 | 600 |
| 3.31 | 3.46 | 3.62 | 3.77 | 3.92 | 4.23 | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.13 | 0.15 | 0.17 | 700 |
| 3.71 | 3.88 | 4.05 | 4.22 | 4.39 | 4.73 | 0.02 | 0.04 | 0.07 | 0.09 | 0.11 | 0.13 | 0.15 | 0.17 | 0.19 | 800 |
| 4.09 | 4.28 | 4.47 | 4.66 | 4.85 | 5.23 | 0.02 | 0.05 | 0.08 | 0.10 | 0.13 | 0.15 | 0.17 | 0.19 | 0.21 | 900 |
| 4.47 | 4.68 | 4.89 | 5.09 | 5.30 | 5.71 | 0.02 | 0.05 | 0.09 | 0.11 | 0.14 | 0.16 | 0.19 | 0.21 | 0.24 | 1000 |
| 4.83 | 5.06 | 5.29 | 5.51 | 5.73 | 6.18 | 0.02 | 0.06 | 0.09 | 0.12 | 0.16 | 0.18 | 0.21 | 0.24 | 0.26 | 1100 |
| 5.19 | 5.44 | 5.68 | 5.92 | 6.16 | 6.63 | 0.03 | 0.06 | 0.10 | 0.13 | 0.17 | 0.20 | 0.23 | 0.26 | 0.28 | 1200 |
| 5.54 | 5.80 | 6.06 | 6.32 | 6.57 | 7.08 | 0.03 | 0.07 | 0.11 | 0.15 | 0.18 | 0.21 | 0.25 | 0.28 | 0.31 | 1300 |
| 5.88 | 6.16 | 6.43 | 6.70 | 6.97 | 7.51 | 0.03 | 0.07 | 0.12 | 0.16 | 0.20 | 0.23 | 0.27 | 0.30 | 0.33 | 1400 |
| 6.21 | 6.51 | 6.79 | 7.08 | 7.37 | 7.93 | 0.03 | 0.08 | 0.13 | 0.17 | 0.21 | 0.25 | 0.29 | 0.32 | 0.36 | 1500 |
| 6.54 | 6.84 | 7.15 | 7.45 | 7.75 | 8.34 | 0.04 | 0.08 | 0.14 | 0.18 | 0.23 | 0.26 | 0.30 | 0.34 | 0.38 | 1600 |
| 6.85 | 7.17 | 7.49 | 7.81 | 8.12 | 8.73 | 0.04 | 0.09 | 0.14 | 0.19 | 0.24 | 0.28 | 0.32 | 0.36 | 0.40 | 1700 |
| 7.16 | 7.49 | 7.83 | 8.15 | 8.48 | 9.12 | 0.04 | 0.09 | 0.15 | 0.20 | 0.26 | 0.30 | 0.34 | 0.39 | 0.43 | 1800 |
| 7.46 | 7.81 | 8.15 | 8.49 | 8.83 | 9.49 | 0.04 | 0.10 | 0.16 | 0.21 | 0.27 | 0.31 | 0.36 | 0.41 | 0.45 | 1900 |
| 7.75 | 8.11 | 8.46 | 8.82 | 9.16 | 9.84 | 0.05 | 0.10 | 0.17 | 0.22 | 0.28 | 0.33 | 0.38 | 0.43 | 0.47 | 2000 |
| 8.03 | 8.40 | 8.77 | 9.13 | 9.49 | 10.19 | 0.05 | 0.11 | 0.18 | 0.23 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 | 2100 |
| 8.30 | 8.69 | 9.06 | 9.43 | 9.80 | 10.52 | 0.05 | 0.11 | 0.19 | 0.25 | 0.31 | 0.36 | 0.42 | 0.47 | 0.52 | 2200 |
| 8.57 | 8.96 | 9.35 | 9.73 | 10.10 | 10.84 | 0.05 | 0.12 | 0.20 | 0.26 | 0.33 | 0.38 | 0.44 | 0.49 | 0.55 | 2300 |
| 8.82 | 9.23 | 9.62 | 10.01 | 10.39 | 11.14 | 0.05 | 0.13 | 0.20 | 0.27 | 0.34 | 0.40 | 0.46 | 0.51 | 0.57 | 2400 |
| 9.31 | 9.73 | 10.14 | 10.54 | 10.94 | 11.70 | 0.06 | 0.14 | 0.22 | 0.29 | 0.37 | 0.43 | 0.49 | 0.56 | 0.62 | 2600 |
| 9.76 | 10.19 | 10.61 | 11.02 | 11.43 | 12.21 | 0.06 | 0.15 | 0.24 | 0.31 | 0.40 | 0.46 | 0.53 | 0.60 | 0.66 | 2800 |
| 10.16 | 10.61 | 11.04 | 11.46 | 11.87 | 12.65 | 0.07 | 0.16 | 0.26 | 0.33 | 0.43 | 0.49 | 0.57 | 0.64 | 0.71 | 3000 |
| 10.53 | 10.98 | 11.42 | 11.84 | 12.25 | 13.03 | 0.07 | 0.17 | 0.27 | 0.36 | 0.46 | 0.53 | 0.61 | 0.69 | 0.76 | 3200 |
| 10.86 | 11.31 | 11.75 | 12.17 | 12.57 | 13.33 | 0.08 | 0.18 | 0.29 | 0.38 | 0.48 | 0.56 | 0.65 | 0.73 | 0.81 | 3400 |
| 11.15 | 11.60 | 12.03 | 12.44 | 12.84 | 13.57 | 0.08 | 0.19 | 0.31 | 0.40 | 0.51 | 0.59 | 0.69 | 0.77 | 0.85 | 3600 |
| 11.39 | 11.83 | 12.25 | 12.66 | 13.04 | 13.74 | 0.09 | 0.20 | 0.32 | 0.42 | 0.54 | 0.63 | 0.72 | 0.81 | 0.90 | 3800 |
| 11.58 | 12.01 | 12.42 | 12.81 | 13.17 | 13.82 | 0.09 | 0.21 | 0.34 | 0.45 | 0.57 | 0.66 | 0.76 | 0.86 | 0.95 | 4000 |
| 11.73 | 12.15 | 12.54 | 12.90 | 13.24 | 13.83 | 0.09 | 0.22 | 0.36 | 0.47 | 0.60 | 0.69 | 0.80 | 0.90 | 1.00 | 4200 |
| 11.82 | 12.22 | 12.59 | 12.93 | 13.24 | 13.75 | 0.10 | 0.23 | 0.37 | 0.49 | 0.63 | 0.72 | 0.84 | 0.94 | 1.04 | 4400 |
| 11.87 | 12.24 | 12.58 | 12.89 | 13.16 | 13.58 | 0.10 | 0.24 | 0.39 | 0.51 | 0.65 | 0.76 | 0.88 | 0.99 | 1.09 | 4600 |
| 11.86 | 12.20 | 12.51 | 12.78 | 13.00 | 13.33 | 0.11 | 0.25 | 0.41 | 0.54 | 0.68 | 0.79 | 0.91 | 1.03 | 1.14 | 4800 |
| 11.80 | 12.11 | 12.37 | 12.59 | 12.77 | 12.98 | 0.11 | 0.26 | 0.43 | 0.56 | 0.71 | 0.82 | 0.95 | 1.07 | 1.19 | 5000 |

# B Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 |
| 870 | 0.87 | 1.18 | 1.50 | 1.81 | 2.12 | 2.43 | 2.73 | 3.04 | 3.34 | 3.64 | 3.94 | 4.24 | 4.54 | 4.83 | 5.13 | 5.42 |
| 1160 | 0.94 | 1.34 | 1.75 | 2.15 | 2.55 | 2.94 | 3.33 | 3.72 | 4.11 | 4.50 | 4.88 | 5.26 | 5.64 | 6.01 | 6.38 | 6.75 |
| 1750 | 0.91 | 1.49 | 2.06 | 2.62 | 3.18 | 3.74 | 4.29 | 4.83 | 5.37 | 5.90 | 6.43 | 6.95 | 7.46 | 7.97 | 8.47 | 8.97 |
| 3500 | 0.0 | 0.67 | 1.59 | 2.50 | 3.37 | 4.22 | 5.04 | 5.84 | 6.60 | 7.34 | 8.04 | 8.72 | 9.36 | 9.96 | 10.54 | 11.08 |
| 400 | 0.60 | 0.75 | 0.91 | 1.07 | 1.22 | 1.38 | 1.53 | 1.68 | 1.83 | 1.99 | 2.14 | 2.29 | 2.44 | 2.59 | 2.74 | 2.88 |
| 500 | 0.67 | 0.87 | 1.06 | 1.25 | 1.44 | 1.63 | 1.82 | 2.00 | 2.19 | 2.37 | 2.56 | 2.74 | 2.93 | 3.11 | 3.29 | 3.47 |
| 600 | 0.74 | 0.97 | 1.19 | 1.42 | 1.64 | 1.86 | 2.08 | 2.30 | 2.52 | 2.74 | 2.96 | 3.17 | 3.39 | 3.60 | 3.82 | 4.03 |
| 700 | 0.80 | 1.06 | 1.32 | 1.57 | 1.83 | 2.08 | 2.34 | 2.59 | 2.84 | 3.09 | 3.34 | 3.58 | 3.83 | 4.08 | 4.32 | 4.56 |
| 800 | 0.84 | 1.13 | 1.43 | 1.72 | 2.00 | 2.29 | 2.58 | 2.86 | 3.14 | 3.42 | 3.70 | 3.98 | 4.25 | 4.53 | 4.80 | 5.07 |
| 900 | 0.88 | 1.20 | 1.53 | 1.85 | 2.17 | 2.49 | 2.80 | 3.12 | 3.43 | 3.74 | 4.05 | 4.35 | 4.66 | 4.96 | 5.27 | 5.57 |
| 1000 | 0.91 | 1.26 | 1.62 | 1.97 | 2.32 | 2.67 | 3.02 | 3.36 | 3.70 | 4.04 | 4.38 | 4.71 | 5.05 | 5.38 | 5.71 | 6.04 |
| 1100 | 0.93 | 1.32 | 1.70 | 2.08 | 2.46 | 2.84 | 3.22 | 3.59 | 3.96 | 4.33 | 4.70 | 5.06 | 5.42 | 5.78 | 6.14 | 6.49 |
| 1200 | 0.94 | 1.36 | 1.78 | 2.19 | 2.60 | 3.01 | 3.41 | 3.81 | 4.21 | 4.61 | 5.00 | 5.39 | 5.78 | 6.16 | 6.54 | 6.92 |
| 1300 | 0.95 | 1.40 | 1.84 | 2.29 | 2.72 | 3.16 | 3.59 | 4.02 | 4.45 | 4.87 | 5.29 | 5.70 | 6.12 | 6.53 | 6.93 | 7.34 |
| 1400 | 0.95 | 1.43 | 1.90 | 2.37 | 2.84 | 3.30 | 3.76 | 4.22 | 4.67 | 5.12 | 5.56 | 6.01 | 6.44 | 6.88 | 7.31 | 7.73 |
| 1500 | 0.95 | 1.45 | 1.96 | 2.46 | 2.95 | 3.44 | 3.93 | 4.41 | 4.89 | 5.36 | 5.83 | 6.29 | 6.75 | 7.21 | 7.66 | 8.11 |
| 1600 | 0.94 | 1.47 | 2.00 | 2.53 | 3.05 | 3.57 | 4.08 | 4.58 | 5.09 | 5.58 | 6.08 | 6.57 | 7.05 | 7.53 | 8.00 | 8.47 |
| 1700 | 0.92 | 1.48 | 2.04 | 2.59 | 3.14 | 3.68 | 4.22 | 4.75 | 5.28 | 5.80 | 6.31 | 6.82 | 7.33 | 7.83 | 8.32 | 8.81 |
| 1800 | 0.90 | 1.49 | 2.07 | 2.65 | 3.23 | 3.79 | 4.35 | 4.91 | 5.46 | 6.00 | 6.54 | 7.07 | 7.59 | 8.11 | 8.62 | 9.13 |
| 1900 | 0.87 | 1.49 | 2.10 | 2.70 | 3.30 | 3.89 | 4.48 | 5.05 | 5.62 | 6.19 | 6.75 | 7.30 | 7.84 | 8.38 | 8.91 | 9.43 |
| 2000 | 0.84 | 1.48 | 2.12 | 2.75 | 3.37 | 3.98 | 4.59 | 5.19 | 5.78 | 6.36 | 6.94 | 7.51 | 8.07 | 8.62 | 9.17 | 9.71 |
| 2100 | 0.80 | 1.47 | 2.13 | 2.78 | 3.43 | 4.06 | 4.69 | 5.31 | 5.92 | 6.53 | 7.12 | 7.71 | 8.29 | 8.85 | 9.41 | 9.96 |
| 2200 | 0.76 | 1.45 | 2.14 | 2.81 | 3.48 | 4.14 | 4.79 | 5.43 | 6.06 | 6.68 | 7.29 | 7.89 | 8.48 | 9.07 | 9.64 | 10.20 |
| 2300 | 0.71 | 1.43 | 2.14 | 2.83 | 3.52 | 4.20 | 4.87 | 5.53 | 6.18 | 6.81 | 7.44 | 8.06 | 8.66 | 9.26 | 9.84 | 10.42 |
| 2400 | 0.66 | 1.40 | 2.13 | 2.85 | 3.56 | 4.26 | 4.94 | 5.62 | 6.28 | 6.94 | 7.58 | 8.21 | 8.83 | 9.43 | 10.03 | 10.61 |
| 2600 | 0.54 | 1.32 | 2.09 | 2.86 | 3.60 | 4.34 | 5.06 | 5.77 | 6.46 | 7.14 | 7.81 | 8.46 | 9.10 | 9.72 | 10.33 | 10.92 |
| 2800 | 0.39 | 1.22 | 2.03 | 2.83 | 3.61 | 4.38 | 5.13 | 5.87 | 6.59 | 7.29 | 7.98 | 8.65 | 9.30 | 9.93 | 10.55 | 11.14 |
| 3000 | 0.23 | 1.09 | 1.94 | 2.78 | 3.59 | 4.39 | 5.17 | 5.92 | 6.66 | 7.38 | 8.08 | 8.76 | 9.42 | 10.05 | 10.67 | 11.26 |
| 3200 | 0.04 | 0.94 | 1.83 | 2.69 | 3.53 | 4.35 | 5.15 | 5.93 | 6.68 | 7.41 | 8.12 | 8.80 | 9.46 | 10.09 | 10.69 | 11.27 |
| 3400 | 0.0 | 0.76 | 1.68 | 2.57 | 3.44 | 4.28 | 5.09 | 5.88 | 6.64 | 7.38 | 8.09 | 8.76 | 9.41 | 10.03 | 10.62 | 11.17 |
| 3600 | 0.0 | 0.56 | 1.50 | 2.42 | 3.30 | 4.16 | 4.98 | 5.78 | 6.55 | 7.28 | 7.98 | 8.65 | 9.28 | 9.87 | 10.43 | 10.96 |
| 3800 | 0.0 | 0.33 | 1.30 | 2.23 | 3.13 | 3.99 | 4.83 | 5.62 | 6.39 | 7.11 | 7.80 | 8.44 | 9.05 | 9.62 | 10.14 | 10.62 |
| 4000 | 0.0 | 0.08 | 1.06 | 2.00 | 2.91 | 3.79 | 4.62 | 5.41 | 6.16 | 6.87 | 7.54 | 8.15 | 8.73 | 9.25 | 9.73 | 10.16 |
| 4200 | 0.0 | 0.0 | 0.79 | 1.74 | 2.66 | 3.53 | 4.36 | 5.14 | 5.87 | 6.56 | 7.19 | 7.77 | 8.30 | 8.78 | 9.20 | 9.56 |
| 4400 | 0.0 | 0.0 | 0.49 | 1.45 | 2.36 | 3.23 | 4.04 | 4.80 | 5.51 | 6.17 | 6.76 | 7.30 | 7.78 | 8.19 | 8.54 | 8.83 |
| 4600 | 0.0 | 0.0 | 0.15 | 1.11 | 2.02 | 2.87 | 3.67 | 4.40 | 5.08 | 5.69 | 6.24 | 6.73 | 7.14 | 7.48 | 7.76 | 7.95 |
| 4800 | 0.0 | 0.0 | 0.0 | 0.73 | 1.63 | 2.46 | 3.23 | 3.94 | 4.58 | 5.14 | 5.63 | 6.05 | 6.39 | 6.65 | 6.83 | 6.93 |
| 5000 | 0.0 | 0.0 | 0.0 | 0.31 | 1.19 | 2.00 | 2.74 | 3.41 | 3.99 | 4.50 | 4.93 | 5.27 | 5.53 | 5.69 | 5.77 | 5.75 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP B

| Diámetro de Paso de la Polea (en pulgadas) | | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.6 | 6.8 | 7.0 | 7.4 | 8.0 | 8.6 | 9.4 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 5.71 | 6.00 | 6.29 | 6.86 | 7.71 | 8.54 | 9.63 | 0.05 | 0.11 | 0.18 | 0.24 | 0.30 | 0.35 | 0.41 | 0.46 | 0.51 | 870 |
| 7.12 | 7.48 | 7.85 | 8.56 | 9.62 | 10.66 | 12.00 | 0.06 | 0.15 | 0.24 | 0.32 | 0.41 | 0.47 | 0.54 | 0.61 | 0.68 | 1160 |
| 9.46 | 9.95 | 10.43 | 11.37 | 12.73 | 14.03 | 15.68 | 0.10 | 0.22 | 0.37 | 0.48 | 0.61 | 0.71 | 0.82 | 0.92 | 1.02 | 1750 |
| 11.58 | 12.05 | 12.48 | 13.23 | 14.04 | 14.48 | 14.42 | 0.19 | 0.45 | 0.73 | 0.96 | 1.22 | 1.42 | 1.64 | 1.84 | 2.04 | 3500 |
| 3.03 | 3.18 | 3.33 | 3.62 | 4.05 | 4.49 | 5.06 | 0.02 | 0.05 | 0.08 | 0.11 | 0.14 | 0.16 | 0.19 | 0.21 | 0.23 | 400 |
| 3.65 | 3.83 | 4.01 | 4.37 | 4.89 | 5.42 | 6.11 | 0.03 | 0.06 | 0.10 | 0.14 | 0.17 | 0.20 | 0.23 | 0.26 | 0.29 | 500 |
| 4.24 | 4.45 | 4.66 | 5.08 | 5.70 | 6.31 | 7.12 | 0.03 | 0.08 | 0.13 | 0.16 | 0.21 | 0.24 | 0.28 | 0.32 | 0.35 | 600 |
| 4.80 | 5.04 | 5.28 | 5.76 | 6.47 | 7.17 | 8.09 | 0.04 | 0.09 | 0.15 | 0.19 | 0.24 | 0.28 | 0.33 | 0.37 | 0.41 | 700 |
| 5.35 | 5.62 | 5.88 | 6.42 | 7.21 | 7.99 | 9.01 | 0.04 | 0.10 | 0.17 | 0.22 | 0.28 | 0.32 | 0.37 | 0.42 | 0.47 | 800 |
| 5.87 | 6.16 | 6.46 | 7.05 | 7.92 | 8.77 | 9.89 | 0.05 | 0.12 | 0.19 | 0.25 | 0.31 | 0.36 | 0.42 | 0.47 | 0.53 | 900 |
| 6.36 | 6.69 | 7.01 | 7.65 | 8.60 | 9.52 | 10.74 | 0.06 | 0.13 | 0.21 | 0.27 | 0.35 | 0.40 | 0.47 | 0.53 | 0.58 | 1000 |
| 6.84 | 7.19 | 7.54 | 8.23 | 9.25 | 10.24 | 11.54 | 0.06 | 0.14 | 0.23 | 0.30 | 0.38 | 0.45 | 0.51 | 0.58 | 0.64 | 1100 |
| 7.30 | 7.68 | 8.05 | 8.78 | 9.87 | 10.93 | 12.30 | 0.07 | 0.15 | 0.25 | 0.33 | 0.42 | 0.49 | 0.56 | 0.63 | 0.70 | 1200 |
| 7.74 | 8.14 | 8.53 | 9.31 | 10.46 | 11.57 | 13.02 | 0.07 | 0.17 | 0.27 | 0.36 | 0.45 | 0.53 | 0.61 | 0.69 | 0.76 | 1300 |
| 8.16 | 8.58 | 8.99 | 9.81 | 11.02 | 12.19 | 13.69 | 0.08 | 0.18 | 0.29 | 0.38 | 0.49 | 0.57 | 0.65 | 0.74 | 0.82 | 1400 |
| 8.56 | 9.00 | 9.43 | 10.29 | 11.55 | 12.76 | 14.32 | 0.08 | 0.19 | 0.31 | 0.41 | 0.52 | 0.61 | 0.70 | 0.79 | 0.88 | 1500 |
| 8.93 | 9.39 | 9.85 | 10.74 | 12.05 | 13.30 | 14.90 | 0.09 | 0.21 | 0.33 | 0.44 | 0.56 | 0.65 | 0.75 | 0.84 | 0.93 | 1600 |
| 9.29 | 9.77 | 10.24 | 11.17 | 12.51 | 13.80 | 15.43 | 0.09 | 0.22 | 0.36 | 0.47 | 0.59 | 0.69 | 0.80 | 0.90 | 0.99 | 1700 |
| 9.63 | 10.12 | 10.61 | 11.56 | 12.94 | 14.26 | 15.91 | 0.10 | 0.23 | 0.38 | 0.49 | 0.63 | 0.73 | 0.84 | 0.95 | 1.05 | 1800 |
| 9.94 | 10.45 | 10.95 | 11.93 | 13.34 | 14.68 | 16.34 | 0.11 | 0.24 | 0.40 | 0.52 | 0.66 | 0.77 | 0.89 | 1.00 | 1.11 | 1900 |
| 10.24 | 10.76 | 11.27 | 12.27 | 13.70 | 15.05 | 16.72 | 0.11 | 0.26 | 0.42 | 0.55 | 0.70 | 0.81 | 0.94 | 1.05 | 1.17 | 2000 |
| 10.51 | 11.04 | 11.56 | 12.58 | 14.03 | 15.38 | 17.03 | 0.12 | 0.27 | 0.44 | 0.58 | 0.73 | 0.85 | 0.98 | 1.11 | 1.23 | 2100 |
| 10.75 | 11.29 | 11.82 | 12.85 | 14.31 | 15.66 | 17.29 | 0.12 | 0.28 | 0.46 | 0.60 | 0.77 | 0.89 | 1.03 | 1.16 | 1.28 | 2200 |
| 10.98 | 11.52 | 12.06 | 13.10 | 14.56 | 15.90 | 17.49 | 0.13 | 0.30 | 0.48 | 0.63 | 0.80 | 0.93 | 1.08 | 1.21 | 1.34 | 2300 |
| 11.17 | 11.73 | 12.27 | 13.31 | 14.77 | 16.09 | 17.63 | 0.13 | 0.31 | 0.50 | 0.66 | 0.84 | 0.97 | 1.12 | 1.27 | 1.40 | 2400 |
| 11.50 | 12.06 | 12.60 | 13.64 | 15.06 | 16.31 | 17.71 | 0.14 | 0.33 | 0.54 | 0.71 | 0.91 | 1.05 | 1.22 | 1.37 | 1.52 | 2600 |
| 11.72 | 12.27 | 12.81 | 13.82 | 15.17 | 16.32 | 17.51 | 0.16 | 0.36 | 0.59 | 0.77 | 0.98 | 1.13 | 1.31 | 1.48 | 1.63 | 2800 |
| 11.83 | 12.37 | 12.89 | 13.85 | 15.10 | 16.10 | 17.03 | 0.17 | 0.39 | 0.63 | 0.82 | 1.05 | 1.21 | 1.40 | 1.58 | 1.75 | 3000 |
| 11.82 | 12.34 | 12.83 | 13.73 | 14.83 | 15.64 | 16.23 | 0.18 | 0.41 | 0.67 | 0.88 | 1.12 | 1.30 | 1.50 | 1.69 | 1.87 | 3200 |
| 11.69 | 12.18 | 12.64 | 13.44 | 14.36 | 14.93 | 15.11 | 0.19 | 0.44 | 0.71 | 0.93 | 1.19 | 1.38 | 1.59 | 1.79 | 1.98 | 3400 |
| 11.44 | 11.88 | 12.29 | 12.97 | 13.67 | 13.95 | 13.64 | 0.20 | 0.46 | 0.75 | 0.99 | 1.26 | 1.46 | 1.68 | 1.90 | 2.10 | 3600 |
| 11.05 | 11.44 | 11.79 | 12.32 | 12.75 | 12.70 | 11.81 | 0.21 | 0.49 | 0.79 | 1.04 | 1.33 | 1.54 | 1.78 | 2.00 | 2.22 | 3800 |
| 10.53 | 10.85 | 11.12 | 11.49 | 11.60 | 11.14 | 9.60 | 0.22 | 0.51 | 0.84 | 1.10 | 1.40 | 1.62 | 1.87 | 2.11 | 2.33 | 4000 |
| 9.86 | 10.10 | 10.28 | 10.45 | 10.19 | 9.28 | — | 0.23 | 0.54 | 0.88 | 1.15 | 1.47 | 1.70 | 1.96 | 2.21 | 2.45 | 4200 |
| 9.05 | 9.19 | 9.27 | 9.20 | 8.52 | 7.10 | — | 0.24 | 0.56 | 0.92 | 1.21 | 1.54 | 1.78 | 2.06 | 2.32 | 2.57 | 4400 |
| 8.07 | 8.11 | 8.07 | 7.74 | 6.58 | — | — | 0.26 | 0.59 | 0.96 | 1.26 | 1.61 | 1.86 | 2.15 | 2.42 | 2.68 | 4600 |
| 6.93 | 6.85 | 6.68 | 6.05 | — | — | — | 0.27 | 0.62 | 1.00 | 1.32 | 1.68 | 1.94 | 2.25 | 2.53 | 2.80 | 4800 |
| 5.63 | 5.41 | 5.09 | 4.13 | — | — | — | 0.28 | 0.64 | 1.05 | 1.37 | 1.75 | 2.02 | 2.34 | 2.64 | 2.92 | 5000 |

Llame a Martin para cotizar poleas de fabricación especial y para sus requerimientos de poleas en grandes cantidades.

# BX Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 |
| 870 | 1.64 | 1.97 | 2.29 | 2.61 | 2.93 | 3.24 | 3.56 | 3.87 | 4.18 | 4.49 | 4.80 | 5.11 | 5.42 | 5.72 | 6.03 | 6.33 |
| 1160 | 2.00 | 2.42 | 2.83 | 3.25 | 3.66 | 4.06 | 4.47 | 4.88 | 5.28 | 5.68 | 6.07 | 6.47 | 6.86 | 7.25 | 7.64 | 8.03 |
| 1750 | 2.57 | 3.17 | 3.77 | 4.36 | 4.95 | 5.53 | 6.10 | 6.67 | 7.24 | 7.80 | 8.36 | 8.91 | 9.46 | 10.00 | 10.54 | 11.07 |
| 3500 | 3.34 | 4.38 | 5.39 | 6.38 | 7.35 | 8.30 | 9.22 | 10.12 | 11.00 | 11.86 | 12.69 | 13.49 | 14.27 | 15.03 | 15.75 | 16.45 |
| 400 | 0.93 | 1.09 | 1.25 | 1.40 | 1.56 | 1.72 | 1.87 | 2.03 | 2.18 | 2.34 | 2.49 | 2.65 | 2.80 | 2.95 | 3.10 | 3.25 |
| 500 | 1.10 | 1.29 | 1.49 | 1.68 | 1.88 | 2.07 | 2.26 | 2.45 | 2.64 | 2.83 | 3.02 | 3.20 | 3.39 | 3.58 | 3.76 | 3.95 |
| 600 | 1.26 | 1.49 | 1.72 | 1.95 | 2.17 | 2.40 | 2.63 | 2.85 | 3.08 | 3.30 | 3.52 | 3.74 | 3.96 | 4.18 | 4.40 | 4.62 |
| 700 | 1.41 | 1.67 | 1.94 | 2.20 | 2.46 | 2.72 | 2.98 | 3.24 | 3.50 | 3.75 | 4.01 | 4.26 | 4.52 | 4.77 | 5.02 | 5.27 |
| 800 | 1.55 | 1.85 | 2.15 | 2.44 | 2.74 | 3.03 | 3.32 | 3.62 | 3.91 | 4.19 | 4.48 | 4.77 | 5.05 | 5.34 | 5.62 | 5.90 |
| 900 | 1.68 | 2.02 | 2.35 | 2.68 | 3.00 | 3.33 | 3.66 | 3.98 | 4.30 | 4.62 | 4.94 | 5.26 | 5.57 | 5.89 | 6.20 | 6.51 |
| 1000 | 1.81 | 2.17 | 2.54 | 2.90 | 3.26 | 3.62 | 3.98 | 4.33 | 4.69 | 5.04 | 5.39 | 5.73 | 6.08 | 6.42 | 6.77 | 7.11 |
| 1100 | 1.93 | 2.33 | 2.72 | 3.12 | 3.51 | 3.90 | 4.29 | 4.67 | 5.06 | 5.44 | 5.82 | 6.20 | 6.57 | 6.95 | 7.32 | 7.69 |
| 1200 | 2.04 | 2.47 | 2.90 | 3.33 | 3.75 | 4.17 | 4.59 | 5.01 | 5.42 | 5.83 | 6.24 | 6.65 | 7.05 | 7.46 | 7.86 | 8.25 |
| 1300 | 2.15 | 2.61 | 3.07 | 3.53 | 3.98 | 4.44 | 4.88 | 5.33 | 5.77 | 6.21 | 6.65 | 7.09 | 7.52 | 7.95 | 8.38 | 8.80 |
| 1400 | 2.25 | 2.75 | 3.24 | 3.73 | 4.21 | 4.69 | 5.17 | 5.64 | 6.12 | 6.59 | 7.05 | 7.51 | 7.97 | 8.43 | 8.88 | 9.33 |
| 1500 | 2.35 | 2.88 | 3.40 | 3.92 | 4.43 | 4.94 | 5.45 | 5.95 | 6.45 | 6.95 | 7.44 | 7.93 | 8.41 | 8.90 | 9.38 | 9.85 |
| 1600 | 2.44 | 3.00 | 3.55 | 4.10 | 4.64 | 5.18 | 5.71 | 6.25 | 6.77 | 7.30 | 7.82 | 8.33 | 8.84 | 9.35 | 9.85 | 10.35 |
| 1700 | 2.53 | 3.12 | 3.70 | 4.27 | 4.85 | 5.41 | 5.98 | 6.53 | 7.09 | 7.64 | 8.18 | 8.72 | 9.26 | 9.79 | 10.32 | 10.84 |
| 1800 | 2.62 | 3.23 | 3.84 | 4.44 | 5.04 | 5.64 | 6.23 | 6.81 | 7.39 | 7.97 | 8.53 | 9.10 | 9.66 | 10.21 | 10.76 | 11.31 |
| 1900 | 2.69 | 3.34 | 3.98 | 4.61 | 5.23 | 5.86 | 6.47 | 7.08 | 7.69 | 8.28 | 8.88 | 9.47 | 10.05 | 10.62 | 11.19 | 11.76 |
| 2000 | 2.77 | 3.44 | 4.11 | 4.77 | 5.42 | 6.07 | 6.71 | 7.34 | 7.97 | 8.59 | 9.21 | 9.82 | 10.42 | 11.02 | 11.61 | 12.19 |
| 2100 | 2.84 | 3.54 | 4.23 | 4.92 | 5.60 | 6.27 | 6.93 | 7.59 | 8.25 | 8.89 | 9.53 | 10.16 | 10.78 | 11.40 | 12.01 | 12.61 |
| 2200 | 2.90 | 3.63 | 4.35 | 5.06 | 5.77 | 6.46 | 7.15 | 7.84 | 8.51 | 9.18 | 9.84 | 10.49 | 11.13 | 11.77 | 12.39 | 13.01 |
| 2300 | 2.96 | 3.72 | 4.46 | 5.20 | 5.93 | 6.65 | 7.37 | 8.07 | 8.77 | 9.45 | 10.13 | 10.80 | 11.47 | 12.12 | 12.76 | 13.40 |
| 2400 | 3.02 | 3.80 | 4.57 | 5.33 | 6.09 | 6.83 | 7.57 | 8.30 | 9.01 | 9.72 | 10.42 | 11.11 | 11.79 | 12.45 | 13.11 | 13.76 |
| 2600 | 3.12 | 3.95 | 4.77 | 5.58 | 6.38 | 7.17 | 7.95 | 8.72 | 9.47 | 10.22 | 10.95 | 11.67 | 12.38 | 13.08 | 13.76 | 14.44 |
| 2800 | 3.20 | 4.08 | 4.95 | 5.80 | 6.65 | 7.48 | 8.30 | 9.10 | 9.89 | 10.67 | 11.43 | 12.18 | 12.92 | 13.64 | 14.34 | 15.03 |
| 3000 | 3.26 | 4.19 | 5.10 | 6.00 | 6.88 | 7.75 | 8.61 | 9.44 | 10.27 | 11.07 | 11.86 | 12.63 | 13.39 | 14.13 | 14.84 | 15.55 |
| 3200 | 3.31 | 4.28 | 5.23 | 6.17 | 7.09 | 8.00 | 8.88 | 9.75 | 10.60 | 11.42 | 12.23 | 13.02 | 13.79 | 14.54 | 15.27 | 15.97 |
| 3400 | 3.34 | 4.35 | 5.34 | 6.32 | 7.27 | 8.20 | 9.12 | 10.01 | 10.88 | 11.73 | 12.55 | 13.35 | 14.13 | 14.88 | 15.61 | 16.31 |
| 3600 | 3.34 | 4.40 | 5.43 | 6.43 | 7.42 | 8.38 | 9.31 | 10.23 | 11.11 | 11.97 | 12.81 | 13.62 | 14.40 | 15.15 | 15.87 | 16.56 |
| 3800 | 3.33 | 4.42 | 5.48 | 6.52 | 7.53 | 8.52 | 9.47 | 10.40 | 11.30 | 12.17 | 13.01 | 13.81 | 14.59 | 15.33 | 16.04 | 16.71 |
| 4000 | 3.30 | 4.43 | 5.52 | 6.58 | 7.61 | 8.62 | 9.59 | 10.53 | 11.43 | 12.30 | 13.14 | 13.94 | 14.70 | 15.43 | 16.11 | 16.75 |
| 4200 | 3.26 | 4.41 | 5.52 | 6.61 | 7.66 | 8.68 | 9.66 | 10.61 | 11.51 | 12.38 | 13.21 | 13.99 | 14.73 | 15.43 | 16.09 | 16.69 |
| 4400 | 3.19 | 4.36 | 5.50 | 6.61 | 7.68 | 8.70 | 9.69 | 10.63 | 11.54 | 12.39 | 13.20 | 13.97 | 14.68 | 15.35 | 15.96 | 16.53 |
| 4600 | 3.09 | 4.30 | 5.46 | 6.58 | 7.65 | 8.69 | 9.67 | 10.61 | 11.50 | 12.34 | 13.13 | 13.87 | 14.55 | 15.17 | 15.74 | 16.24 |
| 4800 | 2.98 | 4.20 | 5.38 | 6.51 | 7.59 | 8.63 | 9.61 | 10.54 | 11.41 | 12.23 | 12.99 | 13.68 | 14.32 | 14.89 | 15.40 | 15.84 |
| 5000 | 2.85 | 4.09 | 5.28 | 6.41 | 7.50 | 8.53 | 9.50 | 10.41 | 11.26 | 12.04 | 12.76 | 13.42 | 14.00 | 14.51 | 14.95 | 15.31 |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP BX

| Diámetro de Paso de la Polea (en pulgadas) | | | | | | | "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.6 | 6.8 | 7.0 | 7.4 | 8.0 | 8.6 | 9.4 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 6.63 | 6.93 | 7.23 | 7.83 | 8.71 | 9.58 | 10.73 | 0.04 | 0.10 | 0.16 | 0.20 | 0.26 | 0.30 | 0.35 | 0.39 | 0.44 | 870 |
| 8.41 | 8.80 | 9.18 | 9.93 | 11.05 | 12.15 | 13.58 | 0.06 | 0.13 | 0.21 | 0.27 | 0.35 | 0.40 | 0.47 | 0.52 | 0.58 | 1160 |
| 11.60 | 12.13 | 12.64 | 13.67 | 15.16 | 16.61 | 18.46 | 0.08 | 0.19 | 0.31 | 0.41 | 0.52 | 0.61 | 0.70 | 0.79 | 0.88 | 1750 |
| 17.12 | 17.76 | 18.37 | 19.49 | 20.94 | 22.09 | 23.10 | 1.17 | 0.39 | 0.63 | 0.82 | 1.05 | 1.22 | 1.41 | 1.58 | 1.75 | 3500 |
| 3.41 | 3.56 | 3.71 | 4.00 | 4.45 | 4.89 | 5.48 | 0.02 | 0.04 | 0.07 | 0.09 | 0.12 | 0.14 | 0.16 | 0.18 | 0.20 | 400 |
| 4.13 | 4.32 | 4.50 | 4.87 | 5.41 | 5.95 | 6.66 | 0.02 | 0.06 | 0.09 | 0.12 | 0.15 | 0.17 | 0.20 | 0.23 | 0.25 | 500 |
| 4.84 | 5.05 | 5.27 | 5.70 | 6.34 | 6.97 | 7.81 | 0.03 | 0.07 | 0.11 | 0.14 | 0.18 | 0.21 | 0.24 | 0.27 | 0.30 | 600 |
| 5.52 | 5.77 | 6.01 | 6.51 | 7.24 | 7.96 | 8.92 | 0.03 | 0.08 | 0.13 | 0.16 | 0.21 | 0.24 | 0.28 | 0.32 | 0.35 | 700 |
| 6.18 | 6.46 | 6.74 | 7.29 | 8.11 | 8.93 | 10.00 | 0.04 | 0.09 | 0.14 | 0.19 | 0.24 | 0.28 | 0.32 | 0.36 | 0.40 | 800 |
| 6.82 | 7.13 | 7.44 | 8.05 | 8.96 | 9.86 | 11.04 | 0.04 | 0.10 | 0.16 | 0.21 | 0.27 | 0.31 | 0.36 | 0.41 | 0.45 | 900 |
| 7.45 | 7.79 | 8.12 | 8.79 | 9.78 | 10.76 | 12.04 | 0.05 | 0.11 | 0.18 | 0.24 | 0.30 | 0.35 | 0.40 | 0.45 | 0.50 | 1000 |
| 8.06 | 8.42 | 8.79 | 9.51 | 10.58 | 11.64 | 13.02 | 0.05 | 0.12 | 0.20 | 0.26 | 0.33 | 0.38 | 0.44 | 0.50 | 0.55 | 1100 |
| 8.65 | 9.04 | 9.43 | 10.21 | 11.36 | 12.48 | 13.96 | 0.06 | 0.13 | 0.22 | 0.28 | 0.36 | 0.42 | 0.48 | 0.54 | 0.60 | 1200 |
| 9.22 | 9.64 | 10.06 | 10.89 | 12.11 | 13.30 | 14.86 | 0.06 | 0.14 | 0.23 | 0.31 | 0.39 | 0.45 | 0.52 | 0.59 | 0.65 | 1300 |
| 9.78 | 10.23 | 10.67 | 11.54 | 12.83 | 14.09 | 15.73 | 0.07 | 0.15 | 0.25 | 0.33 | 0.42 | 0.49 | 0.56 | 0.63 | 0.70 | 1400 |
| 10.32 | 10.79 | 11.26 | 12.18 | 13.53 | 14.85 | 16.55 | 0.07 | 0.17 | 0.27 | 0.35 | 0.45 | 0.52 | 0.60 | 0.68 | 0.75 | 1500 |
| 10.85 | 11.34 | 11.83 | 12.79 | 14.20 | 15.58 | 17.35 | 0.08 | 0.18 | 0.29 | 0.38 | 0.48 | 0.56 | 0.64 | 0.72 | 0.80 | 1600 |
| 11.36 | 11.87 | 12.38 | 13.38 | 14.85 | 16.27 | 18.10 | 0.08 | 0.19 | 0.30 | 0.40 | 0.51 | 0.59 | 0.68 | 0.77 | 0.85 | 1700 |
| 11.85 | 12.38 | 12.91 | 13.95 | 15.47 | 16.93 | 18.81 | 0.09 | 0.20 | 0.32 | 0.42 | 0.54 | 0.63 | 0.72 | 0.81 | 0.90 | 1800 |
| 12.32 | 12.87 | 13.42 | 14.49 | 16.06 | 17.56 | 19.48 | 0.09 | 0.21 | 0.34 | 0.45 | 0.57 | 0.66 | 0.76 | 0.86 | 0.95 | 1900 |
| 12.77 | 13.34 | 13.91 | 15.01 | 16.62 | 18.16 | 20.10 | 0.10 | 0.22 | 0.36 | 0.47 | 0.60 | 0.69 | 0.80 | 0.90 | 1.00 | 2000 |
| 13.21 | 13.79 | 14.37 | 15.51 | 17.15 | 18.71 | 20.68 | 0.10 | 0.23 | 0.38 | 0.49 | 0.63 | 0.73 | 0.84 | 0.95 | 1.05 | 2100 |
| 13.62 | 14.23 | 14.82 | 15.98 | 17.65 | 19.24 | 21.21 | 0.10 | 0.24 | 0.39 | 0.52 | 0.66 | 0.76 | 0.88 | 1.00 | 1.10 | 2200 |
| 14.02 | 14.64 | 15.24 | 16.42 | 18.12 | 19.72 | 21.69 | 0.11 | 0.25 | 0.41 | 0.54 | 0.69 | 0.80 | 0.92 | 1.04 | 1.15 | 2300 |
| 14.40 | 15.03 | 15.64 | 16.84 | 18.56 | 20.16 | 22.12 | 0.11 | 0.26 | 0.43 | 0.56 | 0.72 | 0.83 | 0.96 | 1.09 | 1.20 | 2400 |
| 15.10 | 15.74 | 16.37 | 17.60 | 19.33 | 20.93 | 22.83 | 0.12 | 0.29 | 0.47 | 0.61 | 0.78 | 0.90 | 1.04 | 1.18 | 1.30 | 2600 |
| 15.71 | 16.36 | 17.01 | 18.24 | 19.96 | 21.52 | 23.32 | 0.13 | 0.31 | 0.50 | 0.66 | 0.84 | 0.97 | 1.12 | 1.27 | 1.40 | 2800 |
| 16.23 | 16.89 | 17.53 | 18.76 | 20.44 | 21.93 | 23.58 | 0.14 | 0.33 | 0.54 | 0.71 | 0.90 | 1.04 | 1.20 | 1.36 | 1.50 | 3000 |
| 16.66 | 17.32 | 17.95 | 19.16 | 20.77 | 22.14 | 23.58 | 0.15 | 0.35 | 0.57 | 0.75 | 0.96 | 1.11 | 1.28 | 1.45 | 1.60 | 3200 |
| 16.99 | 17.64 | 18.26 | 19.42 | 20.93 | 22.16 | 23.33 | 0.16 | 0.37 | 0.61 | 0.80 | 1.02 | 1.18 | 1.36 | 1.54 | 1.70 | 3400 |
| 17.22 | 17.85 | 18.44 | 19.54 | 20.91 | 21.96 | 22.80 | 0.17 | 0.40 | 0.65 | 0.85 | 1.08 | 1.25 | 1.45 | 1.63 | 1.80 | 3600 |
| 17.34 | 17.94 | 18.51 | 19.51 | 20.72 | 21.54 | 21.98 | 0.18 | 0.42 | 0.68 | 0.89 | 1.14 | 1.32 | 1.53 | 1.72 | 1.90 | 3800 |
| 17.36 | 17.92 | 18.43 | 19.33 | 20.33 | 20.88 | 20.86 | 0.19 | 0.44 | 0.72 | 0.94 | 1.20 | 1.39 | 1.61 | 1.81 | 2.00 | 4000 |
| 17.26 | 17.77 | 18.23 | 19.00 | 19.74 | 19.97 | — | 0.20 | 0.46 | 0.75 | 0.99 | 1.26 | 1.46 | 1.69 | 1.90 | 2.10 | 4200 |
| 17.03 | 17.48 | 17.88 | 18.49 | 18.95 | 18.81 | — | 0.21 | 0.48 | 0.79 | 1.04 | 1.32 | 1.53 | 1.77 | 1.99 | 2.20 | 4400 |
| 16.69 | 17.07 | 17.38 | 17.81 | 17.94 | — | — | 0.22 | 0.51 | 0.83 | 1.08 | 1.38 | 1.60 | 1.85 | 2.08 | 2.30 | 4600 |
| 16.21 | 16.51 | 16.73 | 16.96 | — | — | — | 0.23 | 0.53 | 0.86 | 1.13 | 1.44 | 1.67 | 1.93 | 2.17 | 2.40 | 4800 |
| 15.60 | 15.80 | 15.92 | 15.91 | — | — | — | 0.24 | 0.55 | 0.90 | 1.18 | 1.50 | 1.74 | 2.01 | 2.26 | 2.50 | 5000 |

# C Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5.0 | 5.5 | 6.0 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 12.0 |
| 700 | 1.93 | 2.96 | 3.99 | 6.01 | 7.00 | 7.99 | 8.96 | 9.93 | 10.88 | 11.83 | 12.77 | 13.70 | 15.52 |
| 870 | 2.10 | 3.35 | 4.59 | 7.02 | 8.21 | 9.39 | 10.56 | 11.71 | 12.84 | 13.97 | 15.07 | 16.17 | 18.31 |
| 1160 | 2.24 | 3.84 | 5.42 | 8.49 | 9.99 | 11.46 | 12.91 | 14.33 | 15.73 | 17.10 | 18.44 | 19.75 | 22.29 |
| 1750 | 2.03 | 4.24 | 6.39 | 10.51 | 12.47 | 14.37 | 16.20 | 17.96 | 19.65 | 21.26 | 22.79 | 24.24 | 26.90 |
| 3500 | 0.0 | 0.26 | 2.91 | 7.12 | 8.63 | 9.72 | 10.36 | 10.52 | 10.18 | 9.32 | 7.92 | — | — |
| 50 | 0.33 | 0.43 | 0.52 | 0.70 | 0.80 | 0.89 | 0.98 | 1.07 | 1.16 | 1.25 | 1.34 | 1.43 | 1.60 |
| 100 | 0.56 | 0.74 | 0.92 | 1.27 | 1.44 | 1.61 | 1.78 | 1.96 | 2.12 | 2.29 | 2.46 | 2.63 | 2.96 |
| 150 | 0.76 | 1.01 | 1.27 | 1.78 | 2.03 | 2.28 | 2.53 | 2.77 | 3.02 | 3.26 | 3.51 | 3.75 | 4.23 |
| 200 | 0.92 | 1.26 | 1.59 | 2.25 | 2.58 | 2.90 | 3.22 | 3.54 | 3.86 | 4.18 | 4.50 | 4.81 | 5.43 |
| 300 | 1.21 | 1.69 | 2.17 | 3.13 | 3.60 | 4.06 | 4.53 | 4.99 | 5.45 | 5.91 | 6.36 | 6.81 | 7.71 |
| 400 | 1.44 | 2.07 | 2.69 | 3.93 | 4.53 | 5.14 | 5.74 | 6.34 | 6.93 | 7.52 | 8.10 | 8.68 | 9.84 |
| 500 | 1.63 | 2.40 | 3.16 | 4.67 | 5.41 | 6.15 | 6.88 | 7.60 | 8.32 | 9.04 | 9.75 | 10.45 | 11.84 |
| 600 | 1.79 | 2.70 | 3.60 | 5.36 | 6.23 | 7.09 | 7.95 | 8.80 | 9.64 | 10.47 | 11.30 | 12.12 | 13.74 |
| 700 | 1.93 | 2.96 | 3.99 | 6.01 | 7.00 | 7.99 | 8.96 | 9.93 | 10.88 | 11.83 | 12.77 | 13.70 | 15.52 |
| 800 | 2.03 | 3.20 | 4.35 | 6.62 | 7.73 | 8.83 | 9.92 | 11.00 | 12.06 | 13.11 | 14.15 | 15.18 | 17.20 |
| 900 | 2.12 | 3.41 | 4.69 | 7.19 | 8.41 | 9.63 | 10.82 | 12.00 | 13.17 | 14.32 | 15.45 | 16.57 | 18.77 |
| 1000 | 2.18 | 3.60 | 4.99 | 7.72 | 9.05 | 10.37 | 11.67 | 12.95 | 14.21 | 15.45 | 16.67 | 17.87 | 20.22 |
| 1100 | 2.23 | 3.76 | 5.27 | 8.21 | 9.65 | 11.07 | 12.46 | 13.83 | 15.18 | 16.50 | 17.80 | 19.08 | 21.55 |
| 1200 | 2.25 | 3.89 | 5.51 | 8.67 | 10.21 | 11.72 | 13.20 | 14.65 | 16.08 | 17.48 | 18.84 | 20.18 | 22.76 |
| 1300 | 2.25 | 4.01 | 5.73 | 9.09 | 10.72 | 12.32 | 13.88 | 15.41 | 16.91 | 18.37 | 19.79 | 21.18 | 23.83 |
| 1400 | 2.24 | 4.10 | 5.93 | 9.47 | 11.19 | 12.87 | 14.50 | 16.10 | 17.66 | 19.17 | 20.64 | 22.06 | 24.77 |
| 1500 | 2.20 | 4.17 | 6.10 | 9.82 | 11.61 | 13.36 | 15.07 | 16.72 | 18.33 | 19.88 | 21.39 | 22.84 | 25.57 |
| 1600 | 2.15 | 4.22 | 6.24 | 10.13 | 11.99 | 13.81 | 15.57 | 17.27 | 18.92 | 20.51 | 22.03 | 23.49 | 26.22 |
| 1700 | 2.08 | 4.24 | 6.35 | 10.39 | 12.33 | 14.20 | 16.01 | 17.75 | 19.43 | 21.03 | 22.57 | 24.03 | 26.71 |
| 1800 | 1.98 | 4.24 | 6.43 | 10.62 | 12.61 | 14.53 | 16.38 | 18.15 | 19.85 | 21.46 | 22.99 | 24.43 | 27.04 |
| 1900 | 1.87 | 4.21 | 6.49 | 10.80 | 12.85 | 14.81 | 16.69 | 18.48 | 20.18 | 21.78 | 23.29 | 24.70 | 27.19 |
| 2000 | 1.74 | 4.17 | 6.51 | 10.95 | 13.03 | 15.02 | 16.92 | 18.72 | 20.41 | 22.00 | 23.47 | 24.83 | 27.17 |
| 2100 | 1.60 | 4.10 | 6.51 | 11.05 | 13.16 | 15.18 | 17.09 | 18.88 | 20.55 | 22.10 | 23.52 | 24.81 | 26.96 |
| 2200 | 1.43 | 4.00 | 6.47 | 11.10 | 13.24 | 15.27 | 17.17 | 18.95 | 20.59 | 22.08 | 23.44 | 24.64 | 26.56 |
| 2300 | 1.24 | 3.88 | 6.41 | 11.11 | 13.27 | 15.30 | 17.19 | 18.93 | 20.52 | 21.95 | 23.22 | 24.31 | 25.96 |
| 2400 | 1.03 | 3.73 | 6.31 | 11.07 | 13.24 | 15.25 | 17.12 | 18.81 | 20.34 | 21.69 | 22.85 | 23.82 | 25.15 |
| 2600 | 0.55 | 3.36 | 6.02 | 10.84 | 12.99 | 14.96 | 16.73 | 18.30 | 19.65 | 20.78 | 21.67 | 22.33 | 22.86 |
| 2800 | 0.0 | 2.88 | 5.59 | 10.41 | 12.50 | 14.37 | 16.00 | 17.37 | 18.48 | 19.32 | 19.86 | 20.11 | 19.65 |
| 3000 | 0.0 | 2.28 | 5.01 | 9.76 | 11.75 | 13.47 | 14.89 | 16.01 | 16.80 | 17.26 | 17.37 | 17.12 | 15.44 |
| 3200 | 0.0 | 1.57 | 4.29 | 8.89 | 10.73 | 12.23 | 13.39 | 14.18 | 14.59 | 14.59 | 14.17 | 13.30 | — |
| 3400 | 0.0 | 0.73 | 3.41 | 7.77 | 9.41 | 10.65 | 11.48 | 11.87 | 11.80 | 11.25 | 10.20 | 8.62 | — |
| 3600 | 0.0 | 0.0 | 2.37 | 6.41 | 7.78 | 8.70 | 9.13 | 9.04 | 8.41 | 7.22 | 5.43 | — | — |
| 3800 | 0.0 | 0.0 | 1.15 | 4.77 | 5.84 | 6.36 | 6.32 | 5.67 | 4.39 | 2.45 | — | — | — |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP C

| Diámetro de Paso de la Polea | | | "Añada" HP por Relación de Velocidad | | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0 | 14.0 | 16.0 | 1.00-1.01 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 17.31 | 19.07 | 22.46 | 0.0 | 0.09 | 0.21 | 0.34 | 0.45 | 0.57 | 0.66 | 0.77 | 0.86 | 0.96 | 700 |
| 20.39 | 22.41 | 26.26 | 0.0 | 0.11 | 0.26 | 0.43 | 0.56 | 0.71 | 0.83 | 0.95 | 1.07 | 1.19 | 870 |
| 24.71 | 27.00 | 31.19 | 0.0 | 0.15 | 0.35 | 0.57 | 0.75 | 0.95 | 1.10 | 1.27 | 1.43 | 1.59 | 1160 |
| 29.19 | 31.11 | 33.71 | 0.0 | 0.23 | 0.53 | 0.86 | 1.12 | 1.43 | 1.66 | 1.92 | 2.16 | 2.39 | 1750 |
| — | — | — | 0.0 | 0.46 | 1.05 | 1.71 | 2.25 | 2.87 | 3.32 | 3.84 | 4.32 | 4.79 | 3500 |
| 1.78 | 1.95 | 2.30 | 0.0 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 0.07 | 50 |
| 3.29 | 3.62 | 4.27 | 0.0 | 0.01 | 0.03 | 0.05 | 0.06 | 0.08 | 0.09 | 0.11 | 0.12 | 0.14 | 100 |
| 4.71 | 5.18 | 6.12 | 0.0 | 0.02 | 0.05 | 0.07 | 0.10 | 0.12 | 0.14 | 0.16 | 0.19 | 0.21 | 150 |
| 6.05 | 6.67 | 7.88 | 0.0 | 0.03 | 0.06 | 0.10 | 0.13 | 0.16 | 0.19 | 0.22 | 0.25 | 0.27 | 200 |
| 8.59 | 9.47 | 11.21 | 0.0 | 0.04 | 0.09 | 0.15 | 0.19 | 0.25 | 0.28 | 0.33 | 0.37 | 0.41 | 300 |
| 10.97 | 12.10 | 14.31 | 0.0 | 0.05 | 0.12 | 0.20 | 0.26 | 0.33 | 0.38 | 0.44 | 0.49 | 0.55 | 400 |
| 13.22 | 14.57 | 17.22 | 0.0 | 0.07 | 0.15 | 0.24 | 0.32 | 0.41 | 0.47 | 0.55 | 0.62 | 0.68 | 500 |
| 15.33 | 16.89 | 19.94 | 0.0 | 0.08 | 0.18 | 0.29 | 0.39 | 0.49 | 0.57 | 0.66 | 0.74 | 0.82 | 600 |
| 17.31 | 19.07 | 22.46 | 0.0 | 0.09 | 0.21 | 0.34 | 0.45 | 0.57 | 0.66 | 0.77 | 0.86 | 0.96 | 700 |
| 19.17 | 21.09 | 24.77 | 0.0 | 0.10 | 0.24 | 0.39 | 0.51 | 0.66 | 0.76 | 0.88 | 0.99 | 1.09 | 800 |
| 20.89 | 22.95 | 26.87 | 0.0 | 0.12 | 0.27 | 0.44 | 0.58 | 0.74 | 0.85 | 0.99 | 1.11 | 1.23 | 900 |
| 22.48 | 24.65 | 28.73 | 0.0 | 0.13 | 0.30 | 0.49 | 0.64 | 0.82 | 0.95 | 1.10 | 1.24 | 1.37 | 1000 |
| 23.92 | 26.18 | 30.35 | 0.0 | 0.14 | 0.33 | 0.54 | 0.71 | 0.90 | 1.04 | 1.21 | 1.36 | 1.50 | 1100 |
| 25.20 | 27.52 | 31.70 | 0.0 | 0.16 | 0.36 | 0.59 | 0.77 | 0.98 | 1.14 | 1.32 | 1.48 | 1.64 | 1200 |
| 26.33 | 28.66 | 32.78 | 0.0 | 0.17 | 0.39 | 0.64 | 0.84 | 1.06 | 1.23 | 1.43 | 1.61 | 1.78 | 1300 |
| 27.29 | 29.60 | 33.56 | 0.0 | 0.18 | 0.42 | 0.69 | 0.90 | 1.15 | 1.33 | 1.53 | 1.73 | 1.91 | 1400 |
| 28.07 | 30.32 | 34.03 | 0.0 | 0.20 | 0.45 | 0.73 | 0.96 | 1.23 | 1.42 | 1.64 | 1.85 | 2.05 | 1500 |
| 28.67 | 30.82 | 34.16 | 0.0 | 0.21 | 0.48 | 0.78 | 1.03 | 1.31 | 1.52 | 1.75 | 1.98 | 2.19 | 1600 |
| 29.07 | 31.07 | 33.95 | 0.0 | 0.22 | 0.51 | 0.83 | 1.09 | 1.39 | 1.61 | 1.86 | 2.10 | 2.33 | 1700 |
| 29.26 | 31.08 | 33.37 | 0.0 | 0.23 | 0.54 | 0.88 | 1.16 | 1.47 | 1.71 | 1.97 | 2.22 | 2.46 | 1800 |
| 29.24 | 30.82 | 32.41 | 0.0 | 0.25 | 0.57 | 0.93 | 1.22 | 1.56 | 1.80 | 2.08 | 2.35 | 2.60 | 1900 |
| 29.00 | 30.28 | 31.04 | 0.0 | 0.26 | 0.60 | 0.98 | 1.29 | 1.64 | 1.90 | 2.19 | 2.47 | 2.74 | 2000 |
| 28.53 | 29.46 | 29.24 | 0.0 | 0.27 | 0.63 | 1.03 | 1.35 | 1.72 | 1.99 | 2.30 | 2.59 | 2.87 | 2100 |
| 27.81 | 28.33 | 27.01 | 0.0 | 0.29 | 0.66 | 1.08 | 1.41 | 1.80 | 2.09 | 2.41 | 2.72 | 3.01 | 2200 |
| 26.84 | 26.89 | 24.31 | 0.0 | 0.30 | 0.69 | 1.13 | 1.48 | 1.88 | 2.18 | 2.52 | 2.84 | 3.15 | 2300 |
| 25.60 | 25.13 | — | 0.0 | 0.31 | 0.72 | 1.18 | 1.54 | 1.97 | 2.28 | 2.63 | 2.97 | 3.28 | 2400 |
| 22.31 | 20.58 | — | 0.0 | 0.34 | 0.78 | 1.27 | 1.67 | 2.13 | 2.47 | 2.85 | 3.21 | 3.56 | 2600 |
| 17.84 | — | — | 0.0 | 0.36 | 0.84 | 1.37 | 1.80 | 2.29 | 2.66 | 3.07 | 3.46 | 3.83 | 2800 |
| — | — | — | 0.0 | 0.39 | 0.90 | 1.47 | 1.93 | 2.46 | 2.85 | 3.29 | 3.71 | 4.10 | 3000 |
| — | — | — | 0.0 | 0.42 | 0.96 | 1.57 | 2.06 | 2.62 | 3.04 | 3.51 | 3.95 | 4.38 | 3200 |
| — | — | — | 0.0 | 0.44 | 1.02 | 1.67 | 2.18 | 2.79 | 3.23 | 3.73 | 4.20 | 4.65 | 3400 |
| — | — | — | 0.0 | 0.47 | 1.08 | 1.76 | 2.31 | 2.95 | 3.42 | 3.95 | 4.45 | 4.92 | 3600 |
| — | — | — | 0.0 | 0.49 | 1.14 | 1.86 | 2.44 | 3.11 | 3.61 | 4.17 | 4.69 | 5.20 | 3800 |

# CX Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5.0 | 5.5 | 6.0 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 12.0 |
| 700 | 3.58 | 4.63 | 5.67 | 7.72 | 8.73 | 9.73 | 10.72 | 11.70 | 12.68 | 13.65 | 14.61 | 15.56 | 17.43 |
| 870 | 4.17 | 5.45 | 6.70 | 9.18 | 10.39 | 11.60 | 12.79 | 13.97 | 15.14 | 16.29 | 17.43 | 18.56 | 20.78 |
| 1160 | 5.05 | 6.68 | 8.29 | 11.44 | 12.98 | 14.50 | 16.00 | 17.47 | 18.92 | 20.35 | 21.76 | 23.14 | 25.83 |
| 1750 | 6.39 | 8.67 | 10.90 | 15.20 | 17.27 | 19.28 | 21.24 | 23.14 | 24.98 | 26.75 | 28.46 | 30.10 | 33.18 |
| 3500 | 6.80 | 10.15 | 13.22 | 18.46 | 20.60 | 22.38 | 23.80 | 24.82 | 25.44 | 25.63 | 25.37 | — | — |
| 50 | 0.44 | 0.53 | 0.63 | 0.81 | 0.90 | 0.99 | 1.08 | 1.17 | 1.26 | 1.35 | 1.44 | 1.53 | 1.71 |
| 100 | 0.78 | 0.96 | 1.14 | 1.49 | 1.66 | 1.83 | 2.00 | 2.18 | 2.35 | 2.51 | 2.68 | 2.85 | 3.19 |
| 150 | 1.09 | 1.35 | 1.60 | 2.11 | 2.36 | 2.61 | 2.86 | 3.11 | 3.36 | 3.60 | 3.85 | 4.09 | 4.58 |
| 200 | 1.37 | 1.71 | 2.04 | 2.71 | 3.03 | 3.36 | 3.68 | 4.01 | 4.33 | 4.65 | 4.96 | 5.28 | 5.91 |
| 300 | 1.89 | 2.38 | 2.87 | 3.82 | 4.30 | 4.77 | 5.24 | 5.70 | 6.16 | 6.62 | 7.08 | 7.54 | 8.44 |
| 400 | 2.36 | 3.00 | 3.63 | 4.87 | 5.48 | 6.09 | 6.70 | 7.30 | 7.90 | 8.50 | 9.09 | 9.68 | 10.85 |
| 500 | 2.80 | 3.57 | 4.34 | 5.86 | 6.61 | 7.36 | 8.10 | 8.83 | 9.56 | 10.29 | 11.01 | 11.72 | 13.14 |
| 600 | 3.20 | 4.12 | 5.02 | 6.81 | 7.69 | 8.57 | 9.44 | 10.30 | 11.15 | 12.00 | 12.84 | 13.68 | 15.34 |
| 700 | 3.58 | 4.63 | 5.67 | 7.72 | 8.73 | 9.73 | 10.72 | 11.70 | 12.68 | 13.65 | 14.61 | 15.56 | 17.43 |
| 800 | 3.94 | 5.12 | 6.29 | 8.59 | 9.72 | 10.84 | 11.95 | 13.06 | 14.14 | 15.22 | 16.29 | 17.35 | 19.44 |
| 900 | 4.27 | 5.58 | 6.88 | 9.42 | 10.68 | 11.91 | 13.14 | 14.35 | 15.55 | 16.74 | 17.91 | 19.07 | 21.34 |
| 1000 | 4.59 | 6.02 | 7.44 | 10.23 | 11.59 | 12.94 | 14.28 | 15.60 | 16.90 | 18.18 | 19.45 | 20.70 | 23.15 |
| 1100 | 4.88 | 6.44 | 7.98 | 10.99 | 12.47 | 13.93 | 15.37 | 16.79 | 18.18 | 19.56 | 20.92 | 22.25 | 24.86 |
| 1200 | 5.16 | 6.84 | 8.49 | 11.73 | 13.31 | 14.87 | 16.41 | 17.92 | 19.41 | 20.87 | 22.31 | 23.72 | 26.46 |
| 1300 | 5.42 | 7.22 | 8.98 | 12.44 | 14.12 | 15.78 | 17.40 | 19.00 | 20.57 | 22.11 | 23.62 | 25.09 | 27.95 |
| 1400 | 5.66 | 7.57 | 9.45 | 13.11 | 14.89 | 16.63 | 18.35 | 20.02 | 21.67 | 23.28 | 24.85 | 26.38 | 29.33 |
| 1500 | 5.89 | 7.91 | 9.89 | 13.75 | 15.62 | 17.45 | 19.24 | 20.99 | 22.70 | 24.37 | 25.99 | 27.57 | 30.59 |
| 1600 | 6.10 | 8.23 | 10.31 | 14.35 | 16.31 | 18.22 | 20.08 | 21.90 | 23.66 | 25.38 | 27.05 | 28.66 | 31.72 |
| 1700 | 6.30 | 8.53 | 10.71 | 14.93 | 16.96 | 18.94 | 20.87 | 22.74 | 24.56 | 26.32 | 28.01 | 29.65 | 32.72 |
| 1800 | 6.47 | 8.80 | 11.08 | 15.46 | 17.57 | 19.62 | 21.60 | 23.52 | 25.38 | 27.17 | 28.88 | 30.53 | 33.59 |
| 1900 | 6.63 | 9.06 | 11.43 | 15.97 | 18.14 | 20.24 | 22.28 | 24.24 | 26.12 | 27.93 | 29.65 | 31.30 | 34.32 |
| 2000 | 6.78 | 9.30 | 11.75 | 16.43 | 18.67 | 20.82 | 22.89 | 24.88 | 26.79 | 28.60 | 30.32 | 31.95 | 34.90 |
| 2100 | 6.91 | 9.51 | 12.04 | 16.86 | 19.15 | 21.35 | 23.45 | 25.46 | 27.37 | 29.18 | 30.89 | 32.48 | 35.32 |
| 2200 | 7.02 | 9.71 | 12.31 | 17.26 | 19.59 | 21.82 | 23.95 | 25.97 | 27.88 | 29.67 | 31.34 | 32.89 | 35.59 |
| 2300 | 7.11 | 9.88 | 12.56 | 17.61 | 19.98 | 22.24 | 24.38 | 26.40 | 28.29 | 30.05 | 31.68 | 33.17 | 35.69 |
| 2400 | 7.19 | 10.03 | 12.77 | 17.92 | 20.32 | 22.60 | 24.74 | 26.75 | 28.62 | 30.34 | 31.90 | 33.31 | 35.62 |
| 2600 | 7.28 | 10.27 | 13.13 | 18.43 | 20.87 | 23.15 | 25.26 | 27.22 | 28.99 | 30.58 | 31.98 | 33.17 | 34.94 |
| 2800 | 7.31 | 10.41 | 13.36 | 18.77 | 21.20 | 23.45 | 25.50 | 27.34 | 28.97 | 30.37 | 31.53 | 32.44 | 33.50 |
| 3000 | 7.26 | 10.46 | 13.48 | 18.92 | 21.32 | 23.49 | 25.43 | 27.11 | 28.53 | 29.67 | 30.53 | 31.08 | 31.24 |
| 3200 | 7.14 | 10.42 | 13.48 | 18.89 | 21.21 | 23.27 | 25.03 | 26.50 | 27.65 | 28.46 | 28.94 | 29.04 | — |
| 3400 | 6.93 | 10.26 | 13.34 | 18.66 | 20.87 | 22.75 | 24.30 | 25.49 | 26.30 | 26.72 | 26.72 | 26.30 | — |
| 3600 | 6.64 | 10.00 | 13.07 | 18.22 | 20.27 | 21.94 | 23.21 | 24.05 | 24.46 | 24.40 | 23.85 | — | — |
| 3800 | 6.26 | 9.63 | 12.65 | 17.56 | 19.41 | 20.81 | 21.74 | 22.18 | 22.10 | 21.48 | — | — | — |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP CX

| Diámetro de Paso de la Polea | | | "Añada" HP por Relación de Velocidad | | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0 | 14.0 | 16.0 | 1.00-1.01 | 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 19.28 | 21.09 | 24.62 | 0.0 | 0.08 | 0.18 | 0.29 | 0.37 | 0.48 | 0.55 | 0.64 | 0.72 | 0.80 | 700 |
| 22.95 | 25.07 | 29.14 | 0.0 | 0.09 | 0.22 | 0.35 | 0.47 | 0.59 | 0.69 | 0.79 | 0.89 | 0.99 | 870 |
| 28.42 | 30.90 | 35.54 | 0.0 | 0.13 | 0.29 | 0.47 | 0.62 | 0.79 | 0.92 | 1.06 | 1.19 | 1.32 | 1160 |
| 35.95 | 38.42 | 42.34 | 0.0 | 0.19 | 0.44 | 0.71 | 0.94 | 1.19 | 1.38 | 1.60 | 1.80 | 1.99 | 1750 |
| — | — | — | 0.0 | 0.38 | 0.88 | 1.43 | 1.87 | 2.39 | 2.76 | 3.19 | 3.60 | 3.98 | 3500 |
| 1.88 | 2.06 | 2.40 | 0.0 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 50 |
| 3.52 | 3.85 | 4.50 | 0.0 | 0.01 | 0.03 | 0.04 | 0.05 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 100 |
| 5.06 | 5.53 | 6.48 | 0.0 | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.14 | 0.15 | 0.17 | 150 |
| 6.53 | 7.15 | 8.38 | 0.0 | 0.02 | 0.05 | 0.08 | 0.11 | 0.14 | 0.16 | 0.18 | 0.21 | 0.23 | 200 |
| 9.34 | 10.23 | 11.99 | 0.0 | 0.03 | 0.08 | 0.12 | 0.16 | 0.20 | 0.24 | 0.27 | 0.31 | 0.34 | 300 |
| 12.00 | 13.15 | 15.40 | 0.0 | 0.04 | 0.10 | 0.16 | 0.21 | 0.27 | 0.32 | 0.36 | 0.41 | 0.46 | 400 |
| 14.54 | 15.93 | 18.64 | 0.0 | 0.05 | 0.13 | 0.20 | 0.27 | 0.34 | 0.39 | 0.46 | 0.51 | 0.57 | 500 |
| 16.97 | 18.57 | 21.72 | 0.0 | 0.06 | 0.15 | 0.24 | 0.32 | 0.41 | 0.47 | 0.55 | 0.62 | 0.68 | 600 |
| 19.28 | 21.09 | 24.62 | 0.0 | 0.08 | 0.18 | 0.29 | 0.37 | 0.48 | 0.55 | 0.64 | 0.72 | 0.80 | 700 |
| 21.48 | 23.48 | 27.34 | 0.0 | 0.09 | 0.20 | 0.33 | 0.43 | 0.55 | 0.63 | 0.73 | 0.82 | 0.91 | 800 |
| 23.56 | 25.73 | 29.88 | 0.0 | 0.10 | 0.23 | 0.37 | 0.48 | 0.61 | 0.71 | 0.82 | 0.93 | 1.02 | 900 |
| 25.53 | 27.84 | 32.22 | 0.0 | 0.11 | 0.25 | 0.41 | 0.53 | 0.68 | 0.79 | 0.91 | 1.03 | 1.14 | 1000 |
| 27.37 | 29.80 | 34.36 | 0.0 | 0.12 | 0.28 | 0.45 | 0.59 | 0.75 | 0.87 | 1.00 | 1.13 | 1.25 | 1100 |
| 29.09 | 31.61 | 36.28 | 0.0 | 0.13 | 0.30 | 0.49 | 0.64 | 0.82 | 0.95 | 1.09 | 1.23 | 1.37 | 1200 |
| 30.67 | 33.25 | 37.97 | 0.0 | 0.14 | 0.33 | 0.53 | 0.70 | 0.89 | 1.03 | 1.19 | 1.34 | 1.48 | 1300 |
| 32.11 | 34.73 | 39.41 | 0.0 | 0.15 | 0.35 | 0.57 | 0.75 | 0.95 | 1.11 | 1.28 | 1.44 | 1.59 | 1400 |
| 33.41 | 36.03 | 40.60 | 0.0 | 0.16 | 0.38 | 0.61 | 0.80 | 1.02 | 1.18 | 1.37 | 1.54 | 1.71 | 1500 |
| 34.55 | 37.13 | 41.51 | 0.0 | 0.17 | 0.40 | 0.65 | 0.86 | 1.09 | 1.26 | 1.46 | 1.64 | 1.82 | 1600 |
| 35.53 | 38.04 | 42.14 | 0.0 | 0.18 | 0.43 | 0.69 | 0.91 | 1.16 | 1.34 | 1.55 | 1.75 | 1.93 | 1700 |
| 36.34 | 38.74 | 42.46 | 0.0 | 0.19 | 0.45 | 0.73 | 0.96 | 1.23 | 1.42 | 1.64 | 1.85 | 2.05 | 1800 |
| 36.97 | 39.23 | 42.47 | 0.0 | 0.21 | 0.48 | 0.77 | 1.02 | 1.29 | 1.50 | 1.73 | 1.95 | 2.16 | 1900 |
| 37.42 | 39.49 | 42.15 | 0.0 | 0.22 | 0.50 | 0.82 | 1.07 | 1.36 | 1.58 | 1.82 | 2.06 | 2.28 | 2000 |
| 37.68 | 39.51 | 41.48 | 0.0 | 0.23 | 0.53 | 0.86 | 1.12 | 1.43 | 1.66 | 1.92 | 2.16 | 2.39 | 2100 |
| 37.74 | 39.29 | 40.45 | 0.0 | 0.24 | 0.55 | 0.90 | 1.18 | 1.50 | 1.74 | 2.01 | 2.26 | 2.50 | 2200 |
| 37.59 | 38.81 | 39.04 | 0.0 | 0.25 | 0.58 | 0.94 | 1.23 | 1.57 | 1.82 | 2.10 | 2.36 | 2.62 | 2300 |
| 37.22 | 38.06 | — | 0.0 | 0.26 | 0.60 | 0.98 | 1.28 | 1.64 | 1.89 | 2.19 | 2.47 | 2.73 | 2400 |
| 35.81 | 35.72 | — | 0.0 | 0.28 | 0.65 | 1.06 | 1.39 | 1.77 | 2.05 | 2.37 | 2.67 | 2.96 | 2600 |
| 33.44 | — | — | 0.0 | 0.30 | 0.70 | 1.14 | 1.50 | 1.91 | 2.21 | 2.55 | 2.88 | 3.19 | 2800 |
| — | — | — | 0.0 | 0.32 | 0.75 | 1.22 | 1.60 | 2.04 | 2.37 | 2.74 | 3.08 | 3.41 | 3000 |
| — | — | — | 0.0 | 0.35 | 0.80 | 1.30 | 1.71 | 2.18 | 2.53 | 2.92 | 3.29 | 3.64 | 3200 |
| — | — | — | 0.0 | 0.37 | 0.85 | 1.39 | 1.82 | 2.32 | 2.68 | 3.10 | 3.49 | 3.87 | 3400 |
| — | — | — | 0.0 | 0.39 | 0.90 | 1.47 | 1.92 | 2.45 | 2.84 | 3.28 | 3.70 | 4.10 | 3600 |
| — | — | — | 0.0 | 0.41 | 0.95 | 1.55 | 2.03 | 2.59 | 3.00 | 3.47 | 3.91 | 4.32 | 3800 |

# D Capacidad Básica de Potencia HP

| RPM del Eje más Rápido | Diámetro de Paso de la Polea (en pulgadas) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12.0 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 18.0 | 20.0 | 22.0 |
| 430 | 13.52 | 15.78 | 16.91 | 18.02 | 19.13 | 20.23 | 21.33 | 22.42 | 26.71 | 30.91 | 34.99 |
| 580 | 16.92 | 19.82 | 21.26 | 22.68 | 24.09 | 25.48 | 26.87 | 28.24 | 33.62 | 38.79 | 43.76 |
| 700 | 19.32 | 22.67 | 24.32 | 25.95 | 27.57 | 29.17 | 30.75 | 32.31 | 38.36 | 44.11 | 49.52 |
| 870 | 22.20 | 26.10 | 28.01 | 29.89 | 31.74 | 33.56 | 35.34 | 37.10 | 43.80 | 49.95 | 55.52 |
| 1160 | 25.69 | 30.21 | 32.39 | 34.50 | 36.55 | 38.54 | 40.46 | 42.32 | 49.05 | 54.59 | 58.84 |
| 1750 | 26.15 | 30.40 | 32.25 | 33.92 | 35.39 | 36.67 | 37.74 | 38.61 | 39.84 | 37.24 | — |
| 3500 | — | — | — | — | — | — | — | — | — | — | — |
| 50 | 2.26 | 2.59 | 2.75 | 2.91 | 3.07 | 3.24 | 3.40 | 3.56 | 4.19 | 4.82 | 5.44 |
| 100 | 4.10 | 4.71 | 5.02 | 5.32 | 5.63 | 5.93 | 6.23 | 6.53 | 7.73 | 8.91 | 10.09 |
| 150 | 5.76 | 6.65 | 7.09 | 7.53 | 7.97 | 8.41 | 8.85 | 9.28 | 11.01 | 12.72 | 14.41 |
| 200 | 7.32 | 8.47 | 9.04 | 9.61 | 10.18 | 10.75 | 11.32 | 11.88 | 14.11 | 16.32 | 18.50 |
| 300 | 10.18 | 11.84 | 12.66 | 13.48 | 14.29 | 15.11 | 15.91 | 16.72 | 19.90 | 23.04 | 26.12 |
| 400 | 12.78 | 14.91 | 15.97 | 17.02 | 18.06 | 19.10 | 20.13 | 21.16 | 25.21 | 29.17 | 33.05 |
| 500 | 15.16 | 17.74 | 19.01 | 20.27 | 21.53 | 22.77 | 24.01 | 25.24 | 30.06 | 34.75 | 39.29 |
| 600 | 17.34 | 20.32 | 21.79 | 23.25 | 24.70 | 26.13 | 27.55 | 28.96 | 34.46 | 39.74 | 44.80 |
| 700 | 19.32 | 22.67 | 24.32 | 25.95 | 27.57 | 29.17 | 30.75 | 32.31 | 38.36 | 44.11 | 49.52 |
| 800 | 21.09 | 24.78 | 26.59 | 28.37 | 30.13 | 31.87 | 33.58 | 35.27 | 41.75 | 47.80 | 53.38 |
| 900 | 22.65 | 26.64 | 28.58 | 30.49 | 32.38 | 34.22 | 36.04 | 37.82 | 44.59 | 50.76 | 56.29 |
| 1000 | 24.00 | 28.23 | 30.29 | 32.30 | 34.27 | 36.20 | 38.09 | 39.93 | 46.83 | 52.93 | 58.18 |
| 1100 | 25.12 | 29.56 | 31.69 | 33.78 | 35.81 | 37.79 | 39.71 | 41.57 | 48.42 | 54.24 | 58.95 |
| 1200 | 26.01 | 30.59 | 32.78 | 34.91 | 36.97 | 38.96 | 40.87 | 42.72 | 49.33 | 54.63 | 58.51 |
| 1300 | 26.66 | 31.32 | 33.54 | 35.67 | 37.72 | 39.68 | 41.55 | 43.33 | 49.50 | 54.04 | 56.78 |
| 1400 | 27.04 | 31.73 | 33.93 | 36.03 | 38.03 | 39.92 | 41.71 | 43.38 | 48.89 | 52.38 | 53.66 |
| 1500 | 27.15 | 31.81 | 33.96 | 35.99 | 37.89 | 39.67 | 41.32 | 42.83 | 47.44 | 49.60 | 49.06 |
| 1600 | 26.98 | 31.52 | 33.59 | 35.51 | 37.28 | 38.89 | 40.35 | 41.64 | 45.11 | 45.61 | 42.87 |
| 1700 | 26.50 | 30.87 | 32.81 | 34.57 | 36.15 | 37.56 | 38.77 | 39.79 | 41.84 | 40.36 | 35.02 |
| 1800 | 25.72 | 29.83 | 31.59 | 33.15 | 34.50 | 35.64 | 36.55 | 37.24 | 37.58 | 33.78 | — |

LAS VELOCIDADES DE CORONA EXCEDEN LOS 6500 PIES POR MINUTO.

# Capacidad Básica de Potencia HP D

| "Añada" HP por Relación de Velocidad | | | | | | | | | RPM del Eje más Rápido |
|---|---|---|---|---|---|---|---|---|---|
| 1.02-1.04 | 1.05-1.08 | 1.09-1.12 | 1.13-1.18 | 1.19-1.24 | 1.25-1.34 | 1.35-1.51 | 1.52-1.99 | 2.00 o más | |
| 0.16 | 0.37 | 0.60 | 0.79 | 1.01 | 1.17 | 1.35 | 1.53 | 1.69 | 430 |
| 0.22 | 0.50 | 0.82 | 1.07 | 1.36 | 1.58 | 1.83 | 2.06 | 2.28 | 580 |
| 0.26 | 0.60 | 0.98 | 1.29 | 1.65 | 1.91 | 2.20 | 2.48 | 2.75 | 700 |
| 0.32 | 0.75 | 1.22 | 1.61 | 2.05 | 2.37 | 2.74 | 3.09 | 3.42 | 870 |
| 0.43 | 1.00 | 1.63 | 2.14 | 2.73 | 3.16 | 3.65 | 4.11 | 4.56 | 1160 |
| 0.65 | 1.51 | 2.46 | 3.23 | 4.12 | 4.77 | 5.51 | 6.21 | 6.87 | 1750 |
| 1.31 | 3.02 | 4.92 | 6.46 | 8.23 | 9.54 | 11.02 | 12.41 | 13.75 | 3500 |
| 0.02 | 0.04 | 0.07 | 0.09 | 0.12 | 0.14 | 0.16 | 0.18 | 0.20 | 50 |
| 0.04 | 0.09 | 0.14 | 0.18 | 0.24 | 0.27 | 0.31 | 0.35 | 0.39 | 100 |
| 0.06 | 0.13 | 0.21 | 0.28 | 0.35 | 0.41 | 0.47 | 0.53 | 0.59 | 150 |
| 0.07 | 0.17 | 0.28 | 0.37 | 0.47 | 0.54 | 0.63 | 0.71 | 0.79 | 200 |
| 0.11 | 0.26 | 0.42 | 0.55 | 0.71 | 0.82 | 0.94 | 1.06 | 1.18 | 300 |
| 0.15 | 0.35 | 0.56 | 0.74 | 0.94 | 1.09 | 1.26 | 1.42 | 1.57 | 400 |
| 0.19 | 0.43 | 0.70 | 0.92 | 1.18 | 1.36 | 1.57 | 1.77 | 1.96 | 500 |
| 0.22 | 0.52 | 0.84 | 1.11 | 1.41 | 1.63 | 1.89 | 2.13 | 2.36 | 600 |
| 0.26 | 0.60 | 0.98 | 1.29 | 1.65 | 1.91 | 2.20 | 2.48 | 2.75 | 700 |
| 0.30 | 0.69 | 1.13 | 1.48 | 1.88 | 2.18 | 2.52 | 2.84 | 3.14 | 800 |
| 0.34 | 0.78 | 1.27 | 1.66 | 2.12 | 2.45 | 2.83 | 3.19 | 3.53 | 900 |
| 0.37 | 0.86 | 1.41 | 1.85 | 2.35 | 2.72 | 3.15 | 3.55 | 3.93 | 1000 |
| 0.41 | 0.95 | 1.55 | 2.03 | 2.59 | 3.00 | 3.46 | 3.90 | 4.32 | 1100 |
| 0.45 | 1.04 | 1.69 | 2.21 | 2.82 | 3.27 | 3.78 | 4.26 | 4.71 | 1200 |
| 0.49 | 1.12 | 1.83 | 2.40 | 3.06 | 3.54 | 4.09 | 4.61 | 5.11 | 1300 |
| 0.52 | 1.21 | 1.97 | 2.58 | 3.29 | 3.81 | 4.41 | 4.97 | 5.50 | 1400 |
| 0.56 | 1.30 | 2.11 | 2.77 | 3.53 | 4.09 | 4.72 | 5.32 | 5.89 | 1500 |
| 0.60 | 1.38 | 2.25 | 2.95 | 3.76 | 4.36 | 5.04 | 5.68 | 6.28 | 1600 |
| 0.63 | 1.47 | 2.39 | 3.14 | 4.00 | 4.63 | 5.35 | 6.03 | 6.68 | 1700 |
| 0.67 | 1.55 | 2.53 | 3.32 | 4.23 | 4.90 | 5.67 | 6.38 | 7.07 | 1800 |

Llame a Martin para cotizar poleas de fabricación especial y para sus requerimientos de poleas en grandes cantidades.

# Otras Velocidades Motrices/ Transmisiones de Aceleración

**PARA VELOCIDADES DIFERENTES A LAS DE LOS MOTORES ESTÁNDAR Y PARA TRANSMISIONES DE ACELERACIÓN SIGA EL SIGUIENTE PROCEDIMIENTO:**

**PARA VELOCIDADES DIFERENTES A LAS DE LOS MOTORES ESTÁNDAR:**

**EJEMPLO**

Se tiene un motor de combustión interna de un cilindro de 10 HP a 3000 RPM con un eje de salida de 1¼" que deberá impulsar una bomba rotatoria a 2025 RPM. La bomba tiene un eje de 1½". La distancia entre centros aproximada es de 40" y el servicio es intermitente.

**PASO 1.** DETERMINE EL FACTOR DE SERVICIO, LA POTENCIA DE DISEÑO Y LA SECCIÓN DE LA BANDA. De acuerdo al procedimiento de selección de poleas en existencia (página D-46).

*Ejemplo:* El **Factor de Servicio** es 1.2. La **Potencia de Diseño es 12** (10 × 1.2). La **Sección de Banda es 3VX** (La decisión de usar Bandas de Alta Capacidad fue arbitraria).

**PASO 2.** DETERMINE LA RELACIÓN DE VELOCIDAD.
**Relación de Velocidad** = Velocidad motriz/ velocidad impulsada
*Ejemplo:* 3000/2025 = 1.48.

**PASO 3.** SELECCIONE LA COMBINACIÓN DE POLEAS.

a) Vaya a las tablas de **Selección de Poleas en Existencia** de la sección de la banda seleccionada.
b) Encuentre la **Relación de Velocidad**.
c) En ese renglón encuentre la **Combinación de Poleas**, la **Distancia entre Centros**, el **Número de la Banda** y el **Factor de Corrección por Longitud y Arco** (si las relaciones de velocidad indicadas en la tabla no son cercanas a la requerida, haga la selección como Transmisiones no en Existencia).
d) Determine la **Velocidad de la Banda** para asegurar que no se excedan las velocidades de 5000 pies por minuto (para balanceo estático) y 6500 pies por minuto (para balanceo Dinámico). Use la siguiente fórmula: V (en pies por minuto)= 0.262 × RPM × D.E.

   *Ejemplo*: De las tablas de Selección para Sección de Banda 3V, la **Relación de Velocidad** de 1.48 utiliza una **Polea Motriz de 2.8"** y una **Impulsada de 4.12"**. Una banda estándar 3VX900 tiene una **Distancia entre Centros de 39.6"** y un **Factor de Corrección de 1.06**. V= 0.262 × 4.12 × 2025 = 2186 pies por minuto.

**PASO 4.** DETERMINE LA POTENCIA POR BANDA.

a) Vaya a la tabla d**e Capacidad Básica de Potencia** de la sección de banda seleccionada.
b) Encuentre las **RPM del eje** más rápido.
c) Sobre ese renglón encuentre la columna del **Diámetro de la Polea Motriz**. En esa intersección lea la **Potencia por Banda**.
d) Continúe hasta la columna de **Adiciones a la Potencia por Relación de Velocidad**. Añada este valor a la Potencia por Banda.
e) Multiplique la **Potencia por Banda** por el Factor de Corrección por Longitud y Arco para obtener la Potencia Corregida por Banda. Potencia Corregida = Potencia por Banda x Factor de Corrección por Longitud y Arco.

*Ejemplo:* En la tabla de **Capacidad Básica de Potencia para bandas 3VX a 3000 RPM y 2.8"** de **Diámetro de la Polea Motriz** y una **Relación de Velocidad de 1.48**, tenemos que la **Potencia por Banda es de 4.16 HP** (Potencia por Banda = 3.76 + 0.40= 4.16 HP). Potencia Corregida = 4.16 × 1.06 = **4.41 HP.**

**PASO 5.** DETERMINE EL NÚMERO DE BANDAS REQUERIDAS. Potencia de Diseño / Potencia Corregida por Banda = No. de bandas requeridas.

*Ejemplo:* 12 / 4.41 = 2.72. Use 3 bandas.

**PASO 6.** SOLICITE A Martin:
(1) 3 3V 280 JA polea motriz
(1) Buje JA 1¼
(1) 3 3V 412 SH polea impulsada
(1) Buje SH 1½
NOTA: La selección de los bujes tipo QD fue arbitraria.

**TRANSMISIONES DE ACELERACIÓN**

NOTA: En este tipo de transmisiones la polea motriz es la de mayor diámetro.

*Ejemplo:* Se tiene un motor eléctrico de 10 HP de torque normal a 1160 RPM con un eje 1⅝" que deberá impulsar un soplador a 1800 RPM. El soplador tiene un eje de 1½" La distancia entre centros aproximada es de 30". La transmisión operará 10 horas diarias.

**PASO 1.** DETERMINE EL FACTOR DE SERVICIO. En la Tabla 1 (página D-43) el **Factor de Servicio es 1.1.**
Potencia de Diseño = DHP = 10 × 1.1 = 11 HP.
**Sección de Banda = B** (la decisión de usar bandas B fue arbitraria).

**PASO 2.** RELACIÓN DE VELOCIDAD. Eje más Rápido / Eje mas Lento = Relación de Velocidad = 1800/1160 = 1.55.

**PASO 3.** VELOCIDAD DE LA BANDA. De las Tablas de Selección de Poleas en existencia de la sección de banda "B" y con la Relación de Velocidad de 1.55 la combinación de poleas **es 4.0" para la Polea Motriz y 6.2 para la Polea Impulsada** (recuerde que en este tipo de transmisiones la polea mayor se convierte en la polea motriz). La **Distancia entre Centros es de 30.4"** con un Factor de Corrección de 0.95 para una banda B75. La **Velocidad de la Banda es de 1886 pies por minuto** (0.262 x 4.0 x 1800).

**PASO 4.** POTENCIA CORREGIDA. De la Tabla de Capacidad Básica de Potencia para bandas sección "B", una polea de 4.0" a 1800 RPM transmite **3.6 HP por banda**. La Potencia Corregida por banda es de (2.65+0.95) × 0.95= 3.42 HP.

**PASO 5.** CALCULE EL NÚMERO DE BANDAS REQUERIDAS. Potencia de diseño/ Potencia Corregida = 11 / 3.42 = 3.22. Utilice 4 bandas.

**PASO 6.** Solicite a Martin
(1) Polea Motriz 4 B 62 TB
(1) Buje Taper 2517 1⅝"
(1) Polea Impulsada 4 B 40 TB
(1) Buje Taper 1610 1½"
NOTA: La selección con Bujes Taper fue arbitraria.

# Transmisiones de un Cuarto de Vuelta

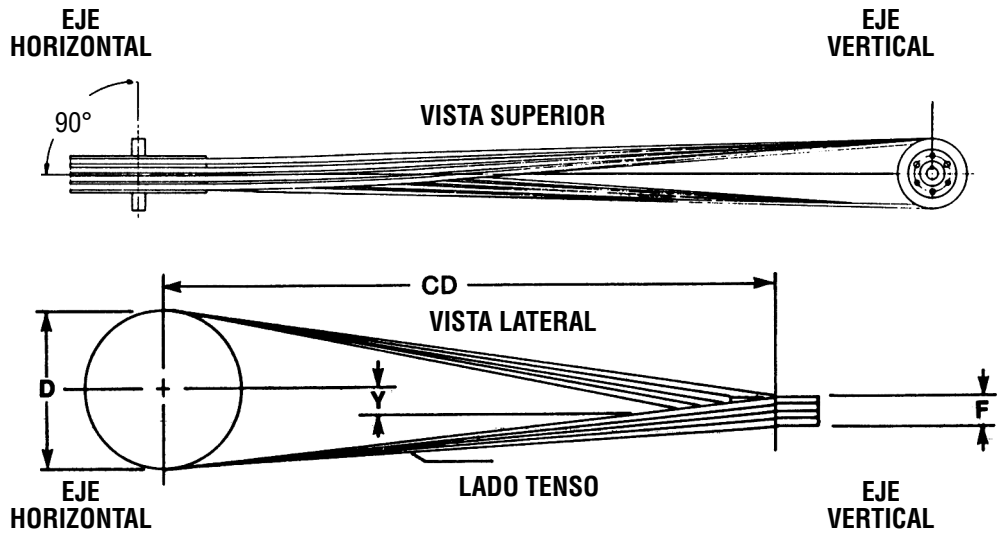
**LAS TRANSMISIONES DE UN CUARTO DE VUELTA se utilizan para transmitir potencia entre un eje vertical y un eje horizontal y viceversa. Las poleas utilizadas en este tipo de transmisiones son de fabricación especial (MTO) ya que la ranura debe ser más profunda y ancha que en las poleas estándar. En la Tabla 15 se indica el ancho de cara de estas poleas.**

Puede seleccionar una transmisión de cuarto de vuelta como si fuera a seleccionar una transmisión de bandas en V normal. Sólo considere los siguientes puntos.

1. La relación de velocidad máxima debe ser de 2.5:1.
2. La distancia entre centros debe ser igual a 5.5 veces la suma del diámetro exterior de la polea más grande y el ancho de la cara de la polea. Se necesita una distancia entre centros larga para asegurar que el ángulo de entrada de las bandas en las ranuras de la polea no sea mayor a 5 grados.
3. La línea de centros del eje horizontal de una transmisión de un cuarto de vuelta debe estar arriba de la línea de centros del eje vertical (vea los diagramas).
4. Use el 90% de la capacidad de potencia por banda indicada en las Tablas de Capacidad Básica de Potencia.
5. El factor de Corrección por Arco de Contacto puede no ser tomado en cuenta para este tipo de transmisiones.

**ALINEACION DE LA TRANSMISIÓN**

Viendo la transmisión desde arriba (Vista superior), las poleas deben estar instaladas de tal forma que la línea de centros del eje vertical pase por el centro de la cara de la polea que está instalada en el eje horizontal. Los dos ejes deben quedar a 90 grados de esta línea.




DC Mínimo = 5.5 (D + F)
D = Diámetro de Paso
F = Ancho de Cara (de la Tabla 15)

Viendo la transmisión de lado (vista lateral) el centro del eje horizontal debe estar arriba del centro de la polea instalada en el eje vertical de acuerdo a las distancias “Y” indicadas en la Tabla 14.

**Tabla 14 — Dimensiones Y de Transmisión de un Cuarto de Vuelta**

| Distancia Entre Centros de la Transmisión (DC) | Y | Distancia Entre Centros de la Transmisión (DC) | Y |
|---|---|---|---|
| 60" | 2.50" | 160" | 6.50" |
| 80" | 2.75" | 180" | 7.75" |
| 100" | 3.00" | 200" | 9.00" |
| 120" | 4.00" | 220" | 10.50" |
| 140" | 5.25" | 240" | 12.00" |

## Tabla 15 — Ancho de Cara F para Poleas Utilizadas en Transmisiones de un Cuarto de Vuelta

| Sección | No. de Ranuras | | | | | | | | | | | | Añada al D.P. para Obtener D.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| A | .87 | 1.62 | 2.37 | 3.12 | 3.87 | 4.62 | 5.37 | 6.12 | 6.87 | 7.62 | 8.37 | 9.12 | .560 |
| B | 1.12 | 2.00 | 2.87 | 3.75 | 4.62 | 5.50 | 6.37 | 7.25 | 8.12 | 9.00 | 9.87 | 10.75 | .710 |
| C | 1.62 | 2.87 | 4.12 | 5.37 | 6.62 | 7.87 | 9.12 | 10.37 | 11.62 | 12.87 | 14.12 | 15.37 | 1.010 |
| D | 2.12 | 3.87 | 5.62 | 7.37 | 9.12 | 10.87 | 12.62 | 14.37 | 16.12 | 17.87 | 19.62 | 21.37 | 1.430 |
| E | 2.62 | 4.68 | 6.75 | 8.81 | 10.87 | 12.93 | 15.00 | 17.06 | 19.12 | 21.18 | 23.25 | 25.31 | 1.690 |

# Instalación - Tensado de Transmisiones en V

## Instalando de una Transmisión

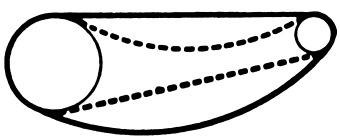
A continuación encontrará algunas sugerencias que debe tomar en cuenta al momento de instalar una transmisión:

1. Utilice un juego de bandas "hermanadas".
2. Limpie la grasa y el aceite de las poleas; quite cualquier rastro de óxido que pudiera haber en las ranuras de las poleas.
3. Acorte la distancia entre centros de la transmisión hasta que las bandas puedan ser instaladas sin necesidad de forzarlas.
4. Asegúrese que las poleas estén debidamente alineadas, que los ejes estén paralelos, que la transmisión tenga espacio suficiente para operar y que los rodamientos estén lubricados.
5. Mueva las bandas manualmente en las ranuras de modo que el lado flojo de todas las bandas quede en la parte superior o en la inferior. No deje bandas con el lado flojo en la parte inferior (línea sólida) y otras con el lado flojo en la parte superior (línea punteada). Debido a que las bandas no se deslizarán en la ranura, dejarlas así dañará las bandas al momento de tensarlas para operación. Tense la transmisión hasta que aparezca un pequeño arco en el lado flojo de las bandas ya en operación.

DE ESTE MODO:
(lado flojo en la parte superior)

O DE ESTE MODO:
(lado flojo en la parte inferior)

NO DEBE APLICARSE DE ESTE MODO:
(con lado flojo en la parte superior e inferior)



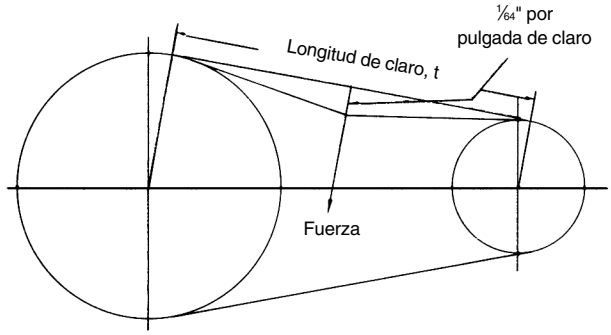
6. Después de un día o dos, cuando las bandas hayan tenido tiempo de asentarse en las ranuras, ténselas una vez más.

Todas las transmisiones de bandas en V deben tener guardas de protección de acuerdo con OSHA, con las regulaciones estatales y locales y con el código de seguridad de ANSI.

## Tensado de la Transmisión

Reglas Generales para Tensar:

1. La Tensión ideal es la mínima requerida para que las bandas no se patinen bajo condiciones de picos de carga.
2. Revise la tensión frecuentemente dentro de las primeras 48 horas de operación.
3. Una sobretensión acorta la vida de las bandas y de los rodamientos
4. Mantenga las bandas sin materiales extraños que puedan causar deslizamiento.
5. Inspeccione periódicamente la transmisión. Tense las bandas cuando haya deslizamiento.




### Revise la Tensión

Si usted desea revisar la tensión de una transmisión de bandas en V estándar utilice el siguiente procedimiento:

1. Mida la longitud del claro, t.
2. En el centro del claro (t), aplique una fuerza (perpendicular al claro) suficiente como para flexionar la banda 1/64" por cada pulgada de claro. Por ejemplo la deflexión de un claro de 100 pulgadas sería de 100/64" ó 1 9/16".
3. Compare la fuerza que aplicó con los valores indicados en la Tabla 12. Si la fuerza está entre los valores de la tensión normal y 1½ veces dicha tensión, la tensión de la transmisión es satisfactoria. Una fuerza por debajo del valor de la tensión normal es indicativa de una transmisión destensada. Por el contrario, si la fuerza excede el valor de 1½ veces la tensión normal, la transmisión tiene mas tensión de que la que necesita. Una transmisión nueva puede ser tensada inicialmente a 2 veces la tensión normal para permitir una caída en la tensión durante la operación.

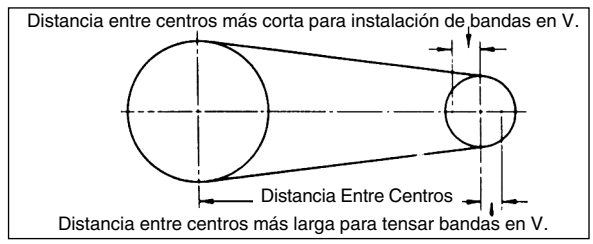
## Tolerancias de Instalación y Montaje

Después de calcular la distancia entre centros utilizando una banda de longitud estándar, tome sus provisiones para ajustar la distancia entre centros de acuerdo a la Tabla 13 y permitir que las bandas sean instaladas sin dañarlas al tensarlas y para mantener la tensión adecuada durante toda la vida útil de las bandas.

## Tabla 12 — Fuerza de Deflexión de la Banda

| Sección de Banda-V | Diámetro de la Polea Pequeña | RPM | Fuerza de Deflexión de la Banda | | | |
|---|---|---|---|---|---|---|
| | | | A, B, C, D | | AX, BX, CX | |
| | | | Normal | 1½ × Normal | Normal | 1½ × Normal |
| A | 3.0-3.6 | 1000-2500 | 3.7 | 5.5 | 4.1 | 6.1 |
| | | 2501-4000 | 2.8 | 4.2 | 3.4 | 5.0 |
| | 3.8-4.8 | 1000-2500 | 4.5 | 6.8 | 5.0 | 7.4 |
| | | 2501-4000 | 3.8 | 5.7 | 4.3 | 6.4 |
| | 5.0-7.0 | 1000-2500 | 5.4 | 8.0 | 5.7 | 9.4 |
| | | 2501-4000 | 4.7 | 7.0 | 5.1 | 7.6 |
| B | 3.4-4.2 | 860-2500 | | | 4.9 | 7.2 |
| | | 2501-4000 | | | 4.2 | 6.2 |
| | 4.4-5.6 | 860-2500 | 5.3 | 7.9 | 7.1 | 10.5 |
| | | 2501-4000 | 4.5 | 6.7 | 7.1 | 9.1 |
| | 5.8-8.6 | 860-2500 | 6.3 | 9.4 | 8.5 | 12.6 |
| | | 2501-4000 | 6.0 | 8.9 | 7.3 | 10.9 |
| C | 7.0-9.0 | 500-1740 | 11.5 | 17.0 | 14.7 | 21.8 |
| | | 1741-3000 | 9.4 | 13.8 | 11.9 | 17.5 |
| | 9.5-16.0 | 500-1740 | 14.1 | 21.0 | 15.9 | 23.5 |
| | | 1741-3000 | 12.5 | 18.5 | 14.6 | 21.6 |
| D | 12.0-16.0 | 200-850 | 24.9 | 37.0 | | |
| | | 851-1500 | 21.2 | 31.3 | | |
| | 18.0-20.0 | 200-850 | 30.4 | 45.2 | | |
| | | 851-1500 | 25.6 | 38.0 | | |

| Sección de Banda-V | Diámetro de la Polea Pequeña | RPM | Fuerza de Deflexión de la Banda | | | |
|---|---|---|---|---|---|---|
| | | | 3V, 5V, 8V | | 3VX, 5VX | |
| | | | Normal | 1½ × Normal | Normal | 1½ × Normal |
| 3V | 2.2-2.4 | 1000-2500 | | | 3.3 | 4.9 |
| | | 2501-4000 | | | 2.9 | 4.3 |
| | 2.65-3.65 | 1000-2500 | 3.6 | 5.1 | 4.2 | 6.2 |
| | | 2501-4000 | 3.0 | 4.4 | 3.8 | 5.6 |
| | 4.12-6.90 | 1000-2500 | 4.9 | 7.3 | 5.3 | 7.9 |
| | | 2501-4000 | 4.4 | 6.6 | 4.9 | 7.3 |
| 5V | 4.4-6.7 | 500-1749 | | | 10.2 | 15.2 |
| | | 1750-3000 | | | 8.8 | 13.2 |
| | | 3001-4000 | | | 5.6 | 8.5 |
| | 7.1-10.9 | 500-1740 | 12.7 | 18.9 | 14.8 | 22.1 |
| | | 1741-3000 | 11.2 | 16.7 | 13.7 | 20.1 |
| | 11.8-16.0 | 500-1740 | 15.5 | 23.4 | 17.1 | 25.5 |
| | | 1741-3000 | 14.6 | 21.8 | 16.8 | 25.0 |
| 8V | 12.5-17.0 | 200-850 | 33.0 | 49.3 | | |
| | | 851-1500 | 26.8 | 39.9 | | |
| | 18.0-22.4 | 200-850 | 39.6 | 59.2 | | |
| | | 851-1500 | 35.3 | 52.7 | | |




## Tabla 13 — Tolerancia de Distancia entre Centros para Instalación y Tensión

| Designación de Largo Estándar | Mínima Tolerancia por arriba de la Distancia entre Centros Estándar para la Instalación de Bandas (pulgadas) | | | | | | | | Mínima Tolerancia por arriba de la Distancia entre Centros estándar para Mantener la Tensión (pulgadas) Todas las Secciones |
|---|---|---|---|---|---|---|---|---|---|
| | A, AX | A, AX Unidas | B, BX | B, BX Unidas | C, CX | C, CX Unidas | D | D Unidas | |
| 26 a 37 | 0.75 | 1.20 | 1.00 | 1.50 | | | | | 1.00 |
| 38 a 59 | 0.75 | 1.20 | 1.00 | 1.50 | 1.50 | 2.00 | | | 1.50 |
| 60 a 89 | 0.75 | 1.30 | 1.25 | 1.60 | 1.50 | 2.00 | | | 2.00 |
| 90 a 119 | 1.00 | 1.30 | 1.25 | 1.60 | 1.50 | 2.00 | | | 2.50 |
| 120 a 157 | 1.00 | 1.50 | 1.25 | 1.80 | 1.50 | 2.10 | 2.00 | 2.90 | 3.00 |
| 158 a 194 | | | 1.25 | 1.80 | 2.00 | 2.20 | 2.00 | 3.00 | 3.50 |
| 195 a 239 | | | 1.50 | 1.90 | 2.00 | 2.30 | 2.00 | 3.20 | 4.00 |
| 240 a 269 | | | 1.50 | 2.00 | 2.00 | 2.50 | 2.50 | 3.20 | 4.50 |
| 270 a 329 | | | 1.50 | 2.20 | 2.00 | 2.50 | 2.50 | 3.50 | 5.00 |
| 330 a 419 | | | | | 2.00 | 2.70 | 2.50 | 3.60 | 6.00 |
| 420 y más | | | | | 2.50 | 2.90 | 3.00 | 4.10 | 1.5% del largo de la banda |

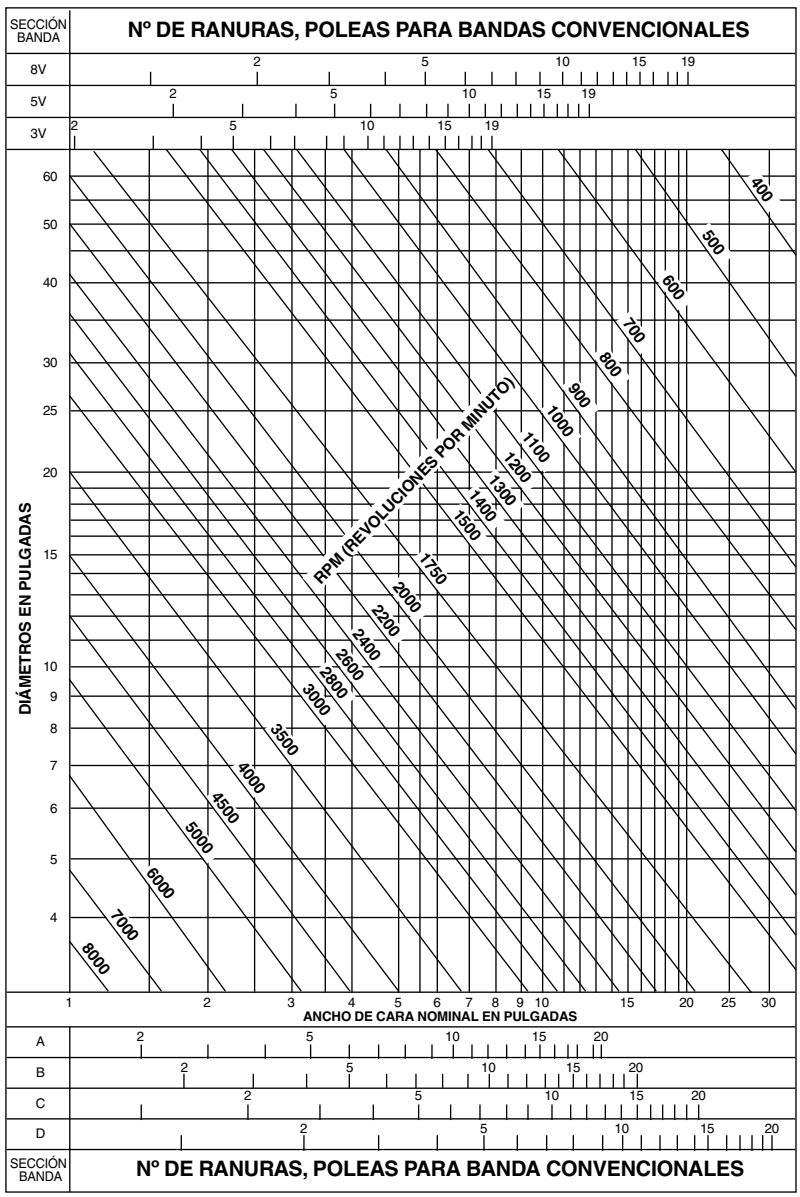
| Designación de Largo Estándar | Mínima Tolerancia por debajo de la Distancia entre Centros Estándar para la Instalación de Bandas (pulgadas) | | | | | | Mínima Tolerancia por arriba de la Distancia entre Centros estándar para Mantener la Tensión (pulgadas) Todas las Secciones |
|---|---|---|---|---|---|---|---|
| | 3V, 3VX | 3V, 3VX Unidas | 5V, 5VX | 5V, 5VX Unidas | 8V | 8V Unidas | |
| Hasta e Incluyendo 475 | 0.5 | 1.2 | | | | | 1.0 |
| Arriba de 475 Hasta e Incluyendo 710 | 0.8 | 1.4 | 1.0 | 2.1 | | | 1.2 |
| Arriba de 710 Hasta e Incluyendo 1060 | 0.8 | 1.4 | 1.0 | 2.1 | 1.5 | 3.4 | 1.5 |
| Arriba de 1060 Hasta e Incluyendo 1250 | 0.8 | 1.4 | 1.0 | 2.1 | 1.5 | 3.4 | 1.8 |
| Arriba de 1250 Hasta e Incluyendo 1700 | 0.8 | 1.4 | 1.0 | 2.1 | 1.5 | 3.4 | 2.2 |
| Arriba de 1700 Hasta e Incluyendo 2000 | | | 1.0 | 2.1 | 1.8 | 3.6 | 2.5 |
| Arriba de 2000 Hasta e Incluyendo 2360 | | | 1.2 | 2.4 | 1.8 | 3.6 | 3.0 |
| Arriba de 2360 Hasta e Incluyendo 2650 | | | 1.2 | 2.4 | 1.8 | 3.6 | 3.2 |
| Arriba de 2650 Hasta e Incluyendo 3000 | | | 1.2 | 2.4 | 1.8 | 3.6 | 3.5 |
| Arriba de 3000 Hasta e Incluyendo 3550 | | | 1.2 | 2.4 | 2.0 | 4.0 | 4.0 |
| Arriba de 3550 Hasta e Incluyendo 3750 | | | | | 2.0 | 4.0 | 4.5 |
| Arriba de 3750 Hasta e Incluyendo 5000 | | | | | 2.0 | 4.0 | 5.5 |

# Balanceo Dinámico

## DETERMINE SI SE NECESITA BALANCEO DINÁMICO

BALANCEO ESTÁTICO – Tanto las poleas en existencia como las Fabricación Especial (MTO) son cuidadosamente balanceadas estáticamente para operar a velocidades normales. Estas poleas operan de manera segura a velocidades de banda de hasta 6500 pies por minuto, sin embargo en velocidades superiores a los 5000 pies por minuto y en cualquier velocidad en donde la vibración sea un problema, se recomienda balancear dinámicamente.

Esta gráfica indica el límite de velocidad máxima (en RPM) para poleas estándar balanceadas estáticamente de un determinado diámetro y ancho de cara. Si este límite de velocidad se excede, se recomienda balancear la polea dinámicamente. Esta información también puede ser utilizada para otros tipos de poleas.




**EJEMPLO:** Es recomendable que una polea de 10" de diámetro y 2" de ancho sea balanceada dinámicamente (en dos planos) cuando opere a una velocidad de 3450 RPM o más. Por debajo de esa velocidad el balanceo estático es suficiente.

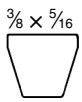
**PRECAUCIÓN:** Cuando la velocidad de la banda exceda los 6500 pies por minuto, deben utilizarse materiales especiales. Para este tipo de aplicaciones consulte a Martin.

# Poleas Hechas Sobre Pedido

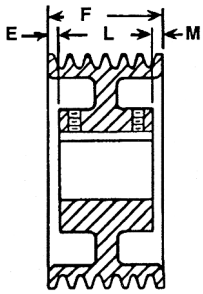
Martin tiene la capacidad de producir una amplia gama de Poleas Hechas Sobre Pedido. Estas poleas cumplen con los mismos estándares de calidad que nuestra línea de Poleas QD y con buje Taper en existencia.

Debido a que las Poleas Hechas Sobre Pedido son fabricadas para satisfacer los requisitos del cliente, en las siguientes páginas encontrará las dimensiones estándar para poleas Hechas a la Medida. Martin puede alterar algunas dimensiones como la ubicación de la maza, el largo a través del barreno para satisfacer las necesidades especiales de los clientes. Este tipo de poleas por lo general están Barrenadas a la Medida y se suministran con cuñero estándar y dos opresores. La mayoría de las Poleas Hechas Sobre Pedido se suministran con ensamble para buje QD y Taper. Martin también puede suministrar Poleas Hechas Sobre Pedido de construcción bipartida. Consulte a Martin para satisfacer sus requerimientos de poleas especiales.

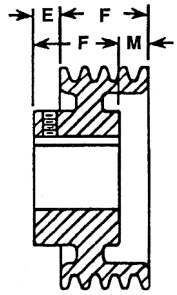
# Poleas Hechas Sobre Pedido



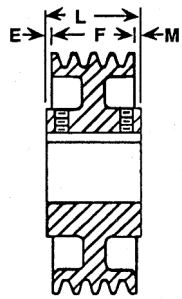

**MTO — 3V**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 1 — Ranura, F = ◆ | | | | 2 — Ranuras, F = ❍ | | | | 3 — Ranuras, F = 1½ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 2.65-4.9 | D | 1 5/16 | 5/8 | — | D | 1 5/8 | 5/8 | 3/32 | D | 1 5/8 | 5/8 | 1/2 |
| 5.0-10.9 | D | 1 1/2 | 5/8 | 3/16 | C | 1 3/4 | 5/8 | 1/32 | D | 1 3/4 | 5/8 | 3/8 |
| 11.0-13.9 | C | 1 3/4 | 5/8 | 5/16 | C | 2 1/4 | 5/8 | 17/32 | C | 2 1/2 | 5/8 | 3/8 |
| 14.0-16.9 | C | 1 3/4 | 5/8 | 5/16 | C | 2 1/4 | 5/8 | 17/32 | C | 2 1/2 | 5/8 | 3/8 |
| 17.0-24.9 | C | 1 3/4 | 3/8 | 3/8 | C | 2 1/2 | 5/8 | 5/8 | C | 3 | 3/4 | 3/4 |
| 25.0-33.5 | C | 1 3/4 | 1/4 | 1/4 | C | 2 1/2 | 5/8 | 5/8 | C | 3 1/4 | 7/8 | 7/8 |
| 2.65-4.9 | D | 1 5/8 | 5/8 | 29/32 | D | 2 1/4 | 5/8 | 11/16 | D | 2 1/4 | 5/8 | 1 3/32 |

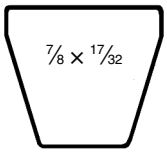
| D.E.■ | 4 — Ranuras, F = 1 29/32 | | | | 5 — Ranuras, F = 2 5/16 | | | | 6 — Ranuras, F = 2 23/32 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 2.65-4.9 | D | 1 5/8 | 5/8 | 29/32 | D | 2 1/4 | 5/8 | 11/16 | D | 2 1/4 | 5/8 | 1 3/32 |
| 5.0-6.9 | D | 1 3/4 | 5/8 | 25/32 | D | 2 1/4 | 5/8 | 11/16 | D | 2 1/4 | 5/8 | 1 3/32 |
| 7.0-10.9 | D | 2 1/4 | 5/8 | 9/32 | D | 2 1/4 | 5/8 | 11/16 | D | 2 1/2 | 5/8 | 27/32 |
| 11.0-20.9 | D | 2 1/2 | 5/8 | 1/32 | C | 3 | 5/8 | 1/16 | D | 3 | 5/8 | 1 1/32 |
| 21.0-29.9 | C | 3 | 35/64 | 35/64 | C | 3 1/4 | 1/2 | 7/16 | C | 3 1/2 | 25/64 | 25/64 |
| 30.0-33.5 | C | 3 1/2 | 51/64 | 51/64 | C | 3 1/2 | 19/32 | 19/32 | C | 4 | 41/64 | 41/64 |

| D.E.■ | 8 — Ranuras, F = 3 17/32 | | | | 10 — Ranuras, F = 4 11/32 | | | | 12 — Ranuras, F = 5 5/32 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 4.0-4.9 | D | 2 1/4 | 5/8 | 1 29/32 | D | 2 1/2 | 5/8 | 2 15/32 | D | 3 1/2 | 5/8 | 2 9/32 |
| 5.0-6.9 | D | 2 1/2 | 5/8 | 1 21/32 | D | 2 1/2 | 5/8 | 2 15/32 | D | 3 1/2 | 5/8 | 2 9/32 |
| 7.0-13.9 | D | 3 | 5/8 | 1 5/32 | D | 3 1/4 | 5/8 | 1 23/32 | D | 3 1/2 | 5/8 | 2 9/32 |
| 14.0-16.9 | D | 3 1/2 | 5/8 | 21/32 | D | 3 1/2 | 5/8 | 1 15/32 | D | 3 1/2 | 5/8 | 2 9/32 |
| 17.0-20.9 | C | 4 | 5/8 | 5/32 | D | 4 | 5/8 | 31/32 | D | 4 | 5/8 | 1 25/32 |
| 21.0-33.5 | C | 4 1/2 | 31/64 | 31/64 | C | 4 1/2 | 5/64 | 5/64 | A | 4 1/2 | 21/64 | 21/64 |

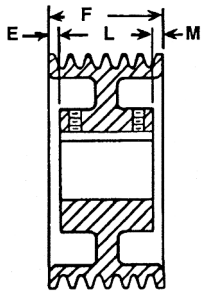
| D.E.■ | 14 — Ranuras, F = 5 31/32 | | | | 16 — Ranuras, F = 6 23/32 | | | | 18 — Ranuras, F = 7 19/32 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 4.0-8.9 | D | 3 | 5/8 | 3 3/32 | D | 4 | 5/8 | 3 13/32 | D | 4 | 5/8 | 4 7/32 |
| 9.0-16.9 | D | 3 | 5/8 | 3 3/32 | D | 4 | 5/8 | 3 13/32 | D | 4 | 5/8 | 4 7/32 |
| 17.0-20.9 | D | 4 | 5/8 | 2 19/32 | D | 4 1/2 | 5/8 | 2 23/32 | D | 4 1/2 | 5/8 | 2 23/32 |
| 21.0-24.9 | A | 4 | 63/64 | 63/64 | A | 4 1/2 | 1 9/64 | 1 9/64 | A | 4 1/2 | 1 35/64 | 1 35/64 |
| 25.0-29.9 | A | 4 | 63/64 | 63/64 | A | 4 1/2 | 1 9/64 | 1 9/64 | A | 4 1/2 | 1 35/64 | 1 35/64 |
| 30.0-33.5 | A | 5 | 31/64 | 31/64 | A | 5 | 57/64 | 57/64 | A | 5 | 1 19/64 | 1 19/64 |
| 2.65-4.9 | D | 1 5/8 | 5/8 | 29/32 | D | 2 1/4 | 5/8 | 11/16 | D | 2 1/4 | 5/8 | 1 3/32 |

■ D.P. = D.E. – .05".
◆ 11/16" para 2.65-10.9 D.E., 13/16" para 11.0-16.9 D.E., 1" para 17.0-24.9 D,E., 1 1/4" para 25.0-33.5 D.E.
❍ 13/32" para 2.65-16.9 D.E., 1 1/4" para 17.0-33.5 D.E.

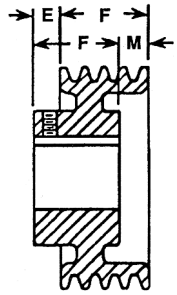
# Poleas Hechas Sobre Pedido



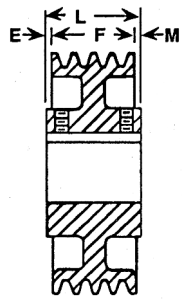

**MTO — 5V**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 2 — Ranuras, F = 1 11/16 | | | | 3 — Ranuras, F = 2 3/8 | | | | 4 — Ranuras, F = 3 1/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 7.0-10.9 | D | 2 1/4 | 7/8 | 5/16 | D | 2 1/2 | 7/8 | 3/4 | D | 3 | 7/8 | 15/16 |
| 11.0-23.9 | D | 2 1/4 | 7/8 | 5/16 | D | 3 1/4 | 7/8 | — | D | 3 1/2 | 7/8 | 7/16 |
| 24.0-29.9 | C | 2 1/2 | 13/32 | 13/32 | C | 3 1/2 | 9/16 | 9/16 | C | 4 | 15/32 | 15/32 |
| 30.0-44.9 | C | 3 1/2 | 29/32 | 29/32 | C | 4 1/2 | 1 1/16 | 1 1/16 | C | 5 1/4 | 1 3/32 | 1 3/32 |
| 45.0-75.0 | C | 5 | 1 21/32 | 1 21/32 | C | 5 1/4 | 1 7/16 | 1 7/16 | C | 6 | 1 15/32 | 1 15/32 |

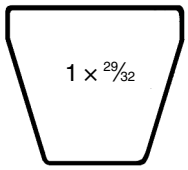
| D.E.■ | 5 — Ranuras, F = 3 3/4 | | | | 6 — Ranuras, F = 4 7/16 | | | | 8 — Ranuras, F = 5 13/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 7.0-11.9 | D | 3 1/4 | 7/8 | 1 3/8 | D | 3 1/2 | 7/8 | 1 13/16 | D | 4 | 7/8 | 2 11/16 |
| 12.0-23.9 | D | 4 | 7/8 | 5/8 | D | 4 | 7/8 | 1 5/16 | D | 4 1/2 | 7/8 | 2 3/16 |
| 24.0-44.9 | C | 4 1/2 | 3/8 | 3/8 | C | 5 1/4 | 13/32 | 13/32 | A | 5 1/2 | 5/32 | 5/32 |
| 45.0-52.9 | C | 5 1/4 | 3/4 | 3/4 | C | 6 | 25/32 | 25/32 | C | 6 | 3/32 | 3/32 |
| 53.0-75.9 | C | 6 1/4 | 1 3/8 | 1 3/8 | C | 6 1/2 | 1 1/32 | 1 1/32 | C | 6 1/2 | 11/32 | 11/32 |

| D.E.■ | 10 — Ranuras, F = 7 3/16 | | | | 12 — Ranuras, F = 8 9/16 | | | | 14 — Ranuras, F = 9 15/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-23.9 | D | 4 1/4 | 7/8 | 3 13/32 | D | 5 | 7/8 | 4 15/16 | D | 6 | 7/8 | 4 13/16 |
| 24.0-36.9 | A | 4 1/2 | 1 11/32 | 1 11/32 | A | 5 1/2 | 1 17/32 | 1 17/32 | A | 6 1/2 | 1 23/32 | 1 23/32 |
| 37.0-44.9 | A | 5 1/2 | 27/32 | 27/32 | A | 6 | 1 9/32 | 1 9/32 | A | 7 | 1 15/32 | 1 15/32 |
| 45.0-52.9 | A | 6 | 19/32 | 19/32 | A | 6 | 1 9/32 | 1 9/32 | A | 7 1/2 | 1 7/32 | 1 7/32 |
| 53.0-75.9 | A | 7 | 3/32 | 3/32 | A | 7 | 25/32 | 25/32 | A | 8 | 31/32 | 31/32 |

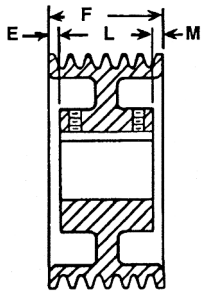
| D.E.■ | 16 — Ranuras, F = 11 5/16 | | | | 18 — Ranuras, F = 12 11/16 | | | | 20 — Ranuras, F = 14 1/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-23.9 | D | 6 1/2 | 7/8 | 5 11/16 | D | 7 | 7/8 | 6 9/16 | D | 8 | 7/8 | 6 15/16 |
| 24.0-36.9 | A | 7 | 2 5/32 | 1 11/32 | A | 8 | 2 11/32 | 2 11/32 | A | 8 1/2 | 2 25/32 | 2 25/32 |
| 37.0-44.9 | A | 7 1/2 | 1 29/32 | 1 29/32 | A | 8 1/2 | 2 3/32 | 2 3/32 | A | 9 | 2 17/32 | 2 17/32 |
| 45.0-52.9 | A | 8 | 1 21/32 | 1 21/32 | A | 9 | 1 27/32 | 1 27/32 | A | 9 1/2 | 2 9/32 | 2 9/32 |
| 53.0-62.9 | A | 8 1/2 | 1 13/32 | 1 13/32 | A | 9 1/2 | 1 19/32 | 1 19/32 | A | 10 | 2 1/32 | 2 1/32 |
| 63.0-75.0 | A | 9 | 1 5/32 | 1 5/32 | A | 10 1/2 | 1 3/32 | 1 3/32 | A | 12 | 1 1/32 | 1 1/32 |

■ D.P. = D.E. – .10".

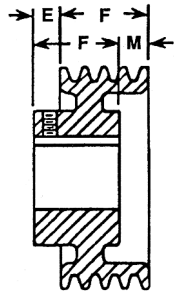
# Poleas Hechas Sobre Pedido



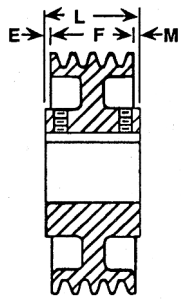

**MTO — 8V**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 4 — Ranuras, F = 4⅞ | | | | 5 — Ranuras, F = 6 | | | | 7 — Ranuras, F = 7⅛ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-26.9 | D | 5 | 1⅛ | 1 | D | 5½ | 1⅛ | 1⅝ | D | 6 | 1⅛ | 2¼ |
| 27.0-39.9 | D | 5½ | 5/16 | 5/16 | C | 6 | 0 | 0 | A | 7 | 1/16 | 1/16 |
| 40.0-57.9 | C | 6 | 9/16 | 9/16 | C | 7 | ½ | ½ | C | 7½ | 3/16 | 3/16 |
| 58.0-69.9 | C | 7 | 1 1/16 | 1 1/16 | C | 8 | 0 | 0 | C | 8 | 7/16 | 7/16 |
| 70.0-81.9 | C | 8 | 1 9/16 | 1 9/16 | C | 8¼ | 1¼ | 1¼ | C | 9 | 15/16 | 15/16 |
| 82.0-85.0 | C | 8½ | 1 3/16 | 1 3/16 | C | 9 | 1½ | 1½ | C | 10 | 1 7/16 | 1 7/16 |

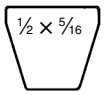
| D.E.■ | 8 — Ranuras, F = 9⅜ | | | | 10 — Ranuras, F = 11⅝ | | | | 12 — Ranuras, F = 13⅞ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-29.9 | D | 6½ | 1⅛ | 4 | D | 7 | 1⅛ | 5¾ | D | 8 | 1⅛ | 7 |
| 30.0-39.9 | A | 7½ | 15/16 | 15/16 | A | 8 | 1 13/16 | 1 13/16 | A | 8½ | 2 11/16 | 2 11/16 |
| 40.0-57.9 | A | 8 | 11/16 | 11/16 | A | 9 | 1 5/16 | 1 5/16 | A | 9½ | 2 3/16 | 2 3/16 |
| 58.0-69.9 | A | 9 | 3/16 | 3/16 | A | 9½ | 1 1/16 | 1 1/16 | A | 10 | 1 15/16 | 1 15/16 |
| 70.0-81.9 | C | 9½ | 1/16 | 1/16 | A | 10 | 13/16 | 13/16 | A | 11 | 1 7/16 | 1 7/16 |
| 82.0-85.0 | C | 10 | 5/16 | 5/16 | A | 11 | 5/16 | 5/16 | A | 12 | 15/16 | 15/16 |

| D.E.■ | 14 — Ranuras, F = 16⅛ | | | | 16 — Ranuras, F = 18⅜ | | | | 18 — Ranuras, F = 20⅝ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-29.9 | D | 9¼ | 1⅛ | 7¾ | D | 10½ | 1⅛ | 9 | D | 16½ | 1⅛ | 5¼ |
| 30.0-39.9 | A | 9 | 3 9/16 | 3 9/16 | A | 10 | 4 3/16 | 4 3/16 | A | 12 | 4 5/16 | 4 5/16 |
| 40.0-57.9 | A | 10 | 3 9/16 | 3 1/16 | A | 10½ | 3 15/16 | 3 15/16 | A | 12½ | 4 1/16 | 4 1/16 |
| 58.0-69.9 | A | 11 | 2 9/16 | 2 9/16 | A | 11 | 3 11/16 | 3 11/16 | A | 13 | 3 13/16 | 3 13/16 |
| 70.0-81.9 | A | 12 | 2 1/16 | 2 1/16 | A | 12 | 3 3/16 | 3 3/16 | A | 14 | 3 5/16 | 3 5/16 |
| 82.0-85.0 | A | 13 | 1 9/16 | 1 9/16 | A | 13 | 2 11/16 | 2 11/16 | A | 15 | 2 13/16 | 2 13/16 |

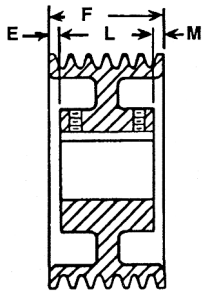
| D.E.■ | 20 — Ranuras, F = 22⅞ | | | | 22 — Ranuras, F = 25⅛ | | | | 24 — Ranuras, F = 27⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-29.9 | D | 18 | 1⅛ | 6 | D | 19 | 1⅛ | 7¼ | D | 22 | 1⅛ | 6½ |
| 30.0-39.9 | A | 13½ | 4 11/16 | 4 11/16 | A | 20½ | 2 13/16 | 2 13/16 | A | 22 | 2 11/16 | 2 11/16 |
| 40.0-57.9 | A | 14 | 4 7/16 | 4 7/16 | A | 15 | 5 1/16 | 5 1/16 | A | 23 | 2 3/16 | 2 3/16 |
| 58.0-69.9 | A | 14½ | 4 3/16 | 4 3/16 | A | 16 | 4 9/16 | 4 9/16 | A | 17 | 5 3/16 | 5 3/16 |
| 70.0-81.9 | A | 15 | 3 15/16 | 3 15/16 | A | 16½ | 4 5/16 | 4 5/16 | A | 17½ | 4 15/16 | 4 15/16 |
| 82.0-85.0 | A | 16 | 3 7/16 | 3 7/16 | A | 17 | 4 1/16 | 4 1/16 | A | 18 | 4 11/16 | 4 11/16 |

■ D.P. = D.E. – .20".

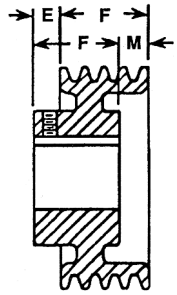
# Poleas Hechas Sobre Pedido



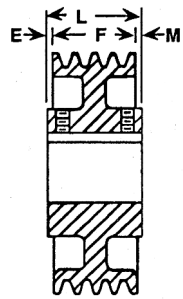

**MTO — A**




**TIPO A**




**TIPO D**




**TIPO C**

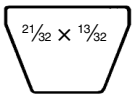
| D.E.■ | 1 — Ranura, F = ◆ | | | | 2 — Ranuras, F = 1⅜ | | | | 3 — Ranuras, F = 2 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 3.0-6.9 | D | 1⅜ | ⅝ | — | D | 1⅜ | ⅝ | ⅝ | D | 1½ | ⅝ | 1¼ |
| 7.0-11.9 | D | 1⅜ | ⅝ | ⅛ | D | 2 | ⅝ | — | D | 2 | ⅝ | ⅝ |
| 12.0-20.9 | C | 2 | ⅝ | ⅜ | D | 2 | ⅝ | — | D | 2 | ⅝ | ⅝ |
| 21.0-25.0 | C | 2 | ½ | ½ | C | 2 | 5⁄16 | 5⁄16 | C | 2½ | ¼ | ¼ |

| D.E.■ | 4 — Ranuras, F = 2⅝ | | | | 5 — Ranuras, F = 3¼ | | | | 6 — Ranuras, F = 3⅞ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 3.0-6.9 | D | 2 | ⅝ | 1¼ | D | 2½ | ⅝ | 1⅜ | D | 2¾ | ⅝ | 1¾ |
| 7.0-14.9 | A | 2 | ⅝ | 1¼ | D | 2½ | ⅝ | 1⅜ | D | 2¾ | ⅝ | 1¾ |
| 15.0-20.9 | A | 2½ | ⅝ | ¾ | D | 3 | ⅝ | ⅞ | D | 3½ | ⅝ | 1 |
| 21.0-25.0 | A | 2½ | 1⁄16 | 1⁄16 | A | 3 | ⅛ | ⅛ | A | 3½ | 3⁄16 | 3⁄16 |

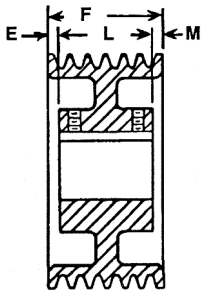
| D.E.■ | 7 — Ranuras, F = 4½ | | | | 8 — Ranuras, F = 5⅛ | | | | 10 — Ranuras, F = 6⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 3.0-6.9 | D | 3 | ⅝ | 2⅛ | D | 3½ | ⅝ | 2¼ | D | 3½ | ⅝ | 3½ |
| 7.0-14.9 | D | 3 | ⅝ | 2⅛ | D | 3½ | ⅝ | 2¼ | D | 3½ | ⅝ | 3½ |
| 15.0-20.9 | D | 3½ | ⅝ | 1⅝ | D | 4 | ⅝ | 1¾ | D | 4 | ⅝ | 3 |
| 21.0-25.0 | A | 3½ | ½ | ½ | A | 4 | 9⁄16 | 9⁄16 | A | 4 | 1 3⁄16 | 1 3⁄16 |

■ D.P. = D.E. + .25".
◆ ¾" para 3.0-6.9 D.P., ⅞" para 7.0-11.9 D.P., 1" para 12.0-25.0 D.P.

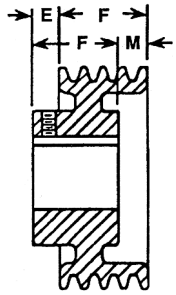
# Poleas Hechas Sobre Pedido



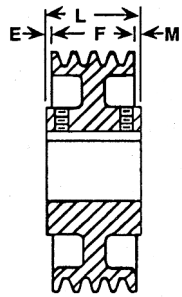

**MTO — B**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 2 — Ranuras, F = 1¾ | | | | 3 — Ranuras, F = 2½ | | | | 4 — Ranuras, F = 3¼ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 5.0-6.9 | D | 2¼ | ⅞ | ⅜ | D | 2½ | ⅞ | ⅞ | D | 3 | ⅞ | 1⅛ |
| 7.0-20.9 | D | 2¼ | ⅞ | ⅜ | D | 2½ | ⅞ | ⅞ | D | 3 | ⅞ | 1⅛ |
| 21.0-39.0 | C | 3 | ⅝ | ⅝ | C | 3 | ¼ | ¼ | C | 3½ | ⅛ | ⅛ |

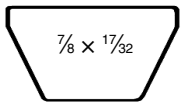
| D.E.■ | 5 — Ranuras, F = 4 | | | | 6 — Ranuras, F = 4¾ | | | | 7 — Ranuras, F = 5½ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 5.0-8.9 | D | 3 | ⅞ | 1⅞ | D | 3 | ⅞ | 2⅝ | D | 3 | ⅞ | 3⅜ |
| 9.0-20.9 | D | 3 | ⅞ | 1⅞ | D | 3½ | ⅞ | 2⅛ | D | 3½ | ⅞ | 2⅞ |
| 21.0-29.9 | A | 3½ | ¼ | ¼ | A | 3½ | ⅝ | ⅝ | A | 4 | ¾ | ¾ |
| 30.0-38.0 | A | 4 | — | — | A | 4 | ⅜ | ⅜ | A | 4½ | ½ | ½ |

| D.E.■ | 8 — Ranuras, F = 6¼ | | | | 9 — Ranuras, F = 7 | | | | 10 — Ranuras, F = 7¾ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 5.0-8.9 | D | 3½ | ⅞ | 3⅝ | D | 3½ | ⅞ | 4⅜ | D | 4 | ⅞ | 4⅝ |
| 9.0-20.9 | D | 4 | ⅞ | 3⅛ | D | 4 | ⅞ | 3⅞ | D | 4½ | ⅞ | 4⅛ |
| 21.0-24.9 | A | 4½ | ⅞ | ⅞ | A | 5 | 1 | 1 | A | 5½ | 1⅛ | 1⅛ |
| 25.0-38.0 | A | 5 | ⅝ | ⅝ | A | 5½ | ¾ | ¾ | A | 6 | ⅞ | ⅞ |

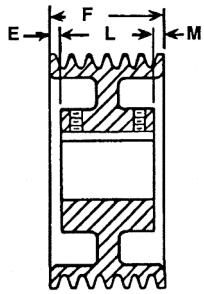
| D.E.■ | 12 — Ranuras, F = 9¼ | | | | 13 — Ranuras, F = 10 | | | | 14 — Ranuras, F = 10¾ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 5.0-8.9 | D | 5½ | ⅞ | 4⅝ | D | 6 | ⅞ | 4⅞ | D | 6½ | ⅞ | 5⅛ |
| 9.0-20.9 | D | 5½ | ⅞ | 4⅝ | D | 6 | ⅞ | 4⅞ | D | 6½ | ⅞ | 5⅛ |
| 21.0-24.9 | A | 5½ | 1⅞ | 1⅞ | A | 6 | 2 | 2 | A | 6½ | 2⅛ | 2⅛ |
| 25.0-29.9 | A | 6 | 1⅝ | 1⅝ | A | 6½ | 1¾ | 1¾ | A | 7 | 1⅞ | 1⅞ |
| 30.0-38.0 | A | 6½ | 1⅜ | 1⅜ | A | 7 | 1½ | 1½ | A | 7½ | 1⅝ | 1⅝ |

■ P.D. = D.E. — .35".

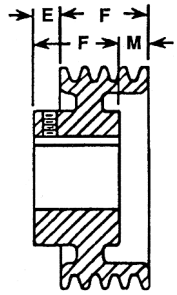
# Poleas Hechas Sobre Pedido



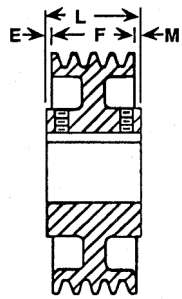

**MTO — C**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 3 — Ranuras, F = 3⅜ | | | | 4 — Ranuras, F = 4⅜ | | | | 5 — Ranuras, F = 5⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-15.9 | D | 2½ | ⅞ | 1¾ | D | 3 | ⅞ | 2¼ | D | 3½ | ⅞ | 2¾ |
| 16.0-23.9 | D | 3 | ⅞ | 1¼ | D | 3½ | ⅞ | 1¾ | D | 4 | ⅞ | 2¼ |
| 24.0-35.9 | A | 3½ | 1/16 | 1/16 | A | 3½ | 7/16 | 7/16 | A | 4 | 11/16 | 11/16 |
| 36.0-43.9 | A | 4 | 5/16 | 5/16 | C | 4½ | 1/16 | 1/16 | A | 5 | 3/16 | 3/16 |
| 44.0-55.0 | A | 4½ | 9/16 | 9/16 | C | 5 | 5/16 | 5/16 | C | 5½ | 1/16 | 1/16 |
| 56.0-64.0 | A | 5 | 13/16 | 13/16 | C | 5½ | 9/16 | 9/16 | C | 6 | 5/16 | 5/16 |

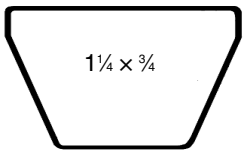
| D.E.■ | 6 — Ranuras, F = 6⅜ | | | | 7 — Ranuras, F = 7⅜ | | | | 8 — Ranuras, F = 8⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-15.9 | D | 3½ | ⅞ | 3¾ | D | 4 | ⅞ | 4¼ | D | 5 | ⅞ | 5¼ |
| 16.0-23.9 | D | 4 | ⅞ | 3¼ | D | 4½ | ⅞ | 3¾ | D | 5½ | ⅞ | 4¾ |
| 24.0-35.9 | A | 4½ | 15/16 | 15/16 | A | 5 | 1 3/16 | 1 3/16 | A | 5½ | 1 7/16 | 1 7/16 |
| 36.0-43.9 | A | 5 | 11/16 | 11/16 | A | 5½ | 15/16 | 15/16 | A | 6½ | 1 3/16 | 1 3/16 |
| 44.0-55.0 | A | 5½ | 7/16 | 7/16 | A | 6 | 11/16 | 11/16 | A | 7 | 15/16 | 15/16 |
| 56.0-64.0 | A | 6 | 3/16 | 3/16 | A | 6½ | 7/16 | 7/16 | A | 7½ | 11/16 | 11/16 |

| D.E.■ | 9 — Ranuras, F = 9⅜ | | | | 10 — Ranuras, F = 10⅜ | | | | 11 — Ranuras, F = 11⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-15.9 | D | 5 | ⅞ | 5¼ | D | 6 | ⅞ | 5¼ | D | 7 | ⅞ | 5¼ |
| 16.0-23.9 | D | 5½ | ⅞ | 4¾ | D | 6½ | ⅞ | 4¾ | D | 7½ | ⅞ | 4¾ |
| 24.0-35.9 | A | 6 | 1 11/16 | 1 11/16 | A | 7 | 1 11/16 | 1 11/16 | A | 8 | 1 11/16 | 1 11/16 |
| 36.0-43.9 | A | 6½ | 1 7/16 | 1 7/16 | A | 7½ | 1 7/16 | 1 7/16 | A | 8½ | 1 7/16 | 1 7/16 |
| 44.0-55.0 | A | 7 | 1 3/16 | 1 3/16 | A | 8 | 1 3/16 | 1 3/16 | A | 9 | 1 3/16 | 1 3/16 |
| 56.0-64.0 | A | 7½ | 15/16 | 15/16 | A | 8½ | 15/16 | 15/16 | A | 9½ | 15/16 | 15/16 |

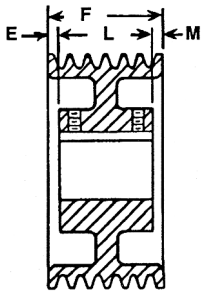
| D.E.■ | 12 — Ranuras, F = 12⅜ | | | | 13 — Ranuras, F = 13⅜ | | | | 14 — Ranuras, F = 14⅜ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 9.0-15.9 | D | 7 | ⅞ | 6¼ | D | 8 | ⅞ | 6¼ | D | 8 | ⅞ | 7¼ |
| 16.0-23.9 | D | 7½ | ⅞ | 5¾ | D | 8 | ⅞ | 6¼ | D | 8 | ⅞ | 7¼ |
| 24.0-35.9 | A | 8 | 2 3/16 | 2 3/16 | A | 8½ | 2 7/16 | 2 7/16 | A | 8½ | 2 15/16 | 2 15/16 |
| 36.0-43.9 | A | 8½ | 1 15/16 | 1 15/16 | A | 9 | 2 3/16 | 2 3/16 | A | 9 | 2 11/16 | 2 11/16 |
| 44.0-55.0 | A | 9 | 1 11/16 | 1 11/16 | A | 9½ | 1 15/16 | 1 15/16 | A | 9½ | 2 7/16 | 2 7/16 |
| 56.0-64.0 | A | 9½ | 1 7/16 | 1 7/16 | A | 10 | 1 11/16 | 1 11/16 | A | 10 | 2 3/16 | 2 3/16 |

■ D.P. = D.E. + .40".

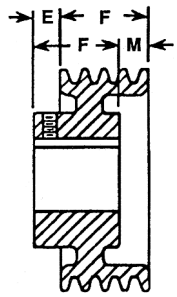
# Poleas Hechas Sobre Pedido



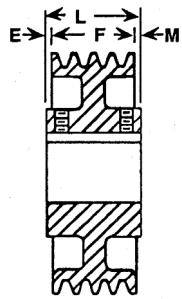

**MTO — D**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 3 — Ranuras, F = 4⅝ | | | | 4 — Ranuras, F = 6 1/16 | | | | 5 — Ranuras, F = 7½ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-26.9 | D | 4 | 1 | 1⅝ | D | 4 | 1 | 3 1/16 | D | 4½ | 1 | 4 |
| 27.0-39.9 | A | 4 | 5/16 | 5/16 | A | 4½ | 25/32 | 25/32 | D | 5½ | 1 | 1 |
| 40.0-57.9 | C | 5 | 3/16 | 3/16 | A | 5½ | 9/32 | 9/32 | A | 6½ | ½ | ½ |
| 58.0-69.9 | C | 5½ | 7/16 | 7/16 | A | 6 | ½ | ½ | A | 7 | ¼ | ¼ |
| 70.0-81.9 | C | 6 | 11/16 | 11/16 | C | 6½ | 7/32 | 7/32 | A | 7½ | — | — |
| 82.0-85.0 | C | 6½ | 15/16 | 15/16 | C | 7 | 15/32 | 15/32 | C | 8 | ¼ | ¼ |

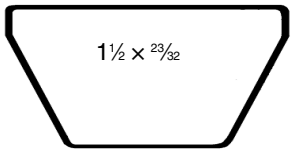
| D.E.■ | 6 — Ranuras, F = 8 15/16 | | | | 7 — Ranuras, F = 10⅜ | | | | 8 — Ranuras, F = 11 13/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-26.9 | D | 5 | 1 | 4 15/16 | D | 5½ | 1 | 5⅞ | D | 6 | 1 | 6 13/16 |
| 27.0-39.9 | A | 6 | 1 15/32 | 1 15/32 | A | 7 | 1 11/16 | 1 11/16 | A | 7½ | 2 5/32 | 2 5/32 |
| 40.0-57.9 | C | 7 | 31/32 | 31/32 | A | 8 | 1 3/16 | 1 3/16 | A | 8½ | 1 21/32 | 1 21/32 |
| 58.0-69.9 | C | 7½ | 23/32 | 23/32 | A | 8½ | 15/16 | 15/16 | A | 9 | 1 13/32 | 1 13/32 |
| 70.0-81.9 | C | 8 | 15/32 | 15/32 | A | 9 | 11/16 | 11/16 | A | 9½ | 1 5/32 | 1 5/32 |
| 82.0-85.0 | C | 8½ | 7/32 | 7/32 | A | 9½ | 7/16 | 7/16 | A | 10 | 29/32 | 29/32 |

| D.E.■ | 9 — Ranuras, F = 13¼ | | | | 10 — Ranuras, F = 14 11/16 | | | | 11 — Ranuras, F = 16⅛ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-17.9 | D | 7 | 1 | 7¼ | D | 8 | 1 | 7 11/16 | D | 13 | 1 | 4⅛ |
| 18.0-26.9 | D | 7 | 1 | 7¼ | D | 8 | 1 | 7 11/16 | D | 9 | 1 | 8⅛ |
| 27.0-39.9 | A | 8 | 2⅝ | 2⅝ | A | 9 | 2 27/32 | 2 27/32 | A | 9½ | 3 5/16 | 3 5/16 |
| 40.0-57.9 | A | 9 | 2⅛ | 2⅛ | A | 10 | 2 11/32 | 2 11/32 | A | 10½ | 2 13/16 | 2 13/16 |
| 58.0-69.9 | A | 10 | 1⅝ | 1⅝ | A | 10½ | 2 3/32 | 2 3/32 | A | 11½ | 2 5/16 | 2 5/16 |
| 70.0-85.0 | A | 10½ | 1⅜ | 1⅜ | A | 11½ | 1 19/32 | 1 19/32 | A | 12 | 2 1/16 | 2 1/16 |

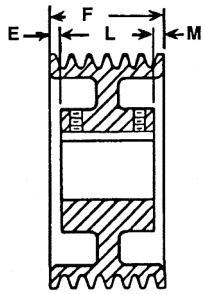
| D.E.■ | 12 — Ranuras, F = 17 9/16 | | | | 13 — Ranuras, F = 19 | | | | 14 — Ranuras, F = 20 7/16 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 13.0-17.9 | D | 14 | 1 | 4 9/16 | D | 15½ | 1 | 4½ | D | 16½ | 1 | 4 15/16 |
| 18.0-26.9 | D | 10 | 1 | 8 9/16 | A | 10½ | 1 | 9½ | D | 16½ | 1 | 4 15/16 |
| 27.0-39.9 | A | 10½ | 3 17/32 | 3 17/32 | A | 11 | 4 | 4 | A | 12 | 4 7/32 | 4 7/32 |
| 40.0-57.9 | A | 11½ | 3 1/32 | 3 1/32 | A | 12½ | 3¼ | 3¼ | A | 13 | 3 23/32 | 3 23/32 |
| 58.0-69.9 | A | 12 | 2 25/32 | 2 25/32 | A | 13 | 3 | 3 | A | 13½ | 3 15/32 | 3 15/32 |
| 70.0-85.0 | A | 13 | 2 9/32 | 2 9/32 | A | 13½ | 2¾ | 2¾ | A | 14½ | 2 31/32 | 2 31/32 |

■ D.P. = D.E. + .60".

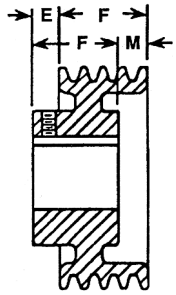
# Poleas Hechas Sobre Pedido



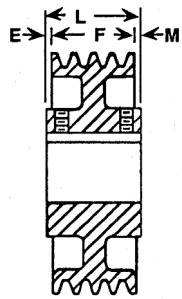

**MTO — E**




**TIPO A**




**TIPO D**




**TIPO C**

| D.E.■ | 4 — Ranuras, F = 7½ | | | | 6 — Ranuras, F = 11 | | | | 8 — Ranuras, F = 14½ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 21.0-26.9 | D | 5 | 1⅛ | 3⅝ | D | 7 | 1⅛ | 5⅛ | D | 9 | 1⅛ | 6⅝ |
| 27.0-45.9 | A | 6 | ¾ | ¾ | A | 7½ | 1¾ | 1¾ | A | 9½ | 2½ | 2½ |
| 46.0-57.9 | A | 6½ | ½ | ½ | A | 8 | 1½ | 1½ | A | 10 | 2¼ | 2¼ |
| 58.0-73.9 | A | 7½ | 0 | 0 | A | 8½ | 1½ | 1½ | A | 10½ | 2 | 2 |
| 74.0-83.9 | A | 7½ | 0 | 0 | A | 9 | 1 | 1 | A | 11 | 1¾ | 1¾ |
| 84.0-85.0 | C | 8 | ¼ | ¼ | A | 9½ | ¾ | ¾ | A | 11½ | 1½ | 1½ |

| D.E.■ | 10 — Ranuras, F = 18 | | | | 12 — Ranuras, F = 21½ | | | | 14 — Ranuras, F = 25 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tipo | L | E | M | Tipo | L | E | M | Tipo | L | E | M |
| 21.0-26.9 | D | 11 | 1⅛ | 8⅛ | D | 17 | 1⅛ | 5⅝ | D | 19 | 1⅛ | 7⅛ |
| 27.0-45.9 | A | 11 | 3½ | 3½ | A | 13 | 4¼ | 4¼ | A | 20½ | 2¼ | 2¼ |
| 46.0-57.9 | A | 11½ | 3¼ | 3¼ | A | 13½ | 4 | 4 | A | 15 | 5 | 5 |
| 58.0-73.9 | A | 12 | 3 | 3 | A | 14 | 3¾ | 3¾ | A | 15½ | 4¾ | 4¾ |
| 74.0-83.9 | A | 12½ | 2¾ | 2¾ | A | 14½ | 3½ | 3½ | A | 16½ | 4¼ | 4¼ |
| 84.0-85.0 | A | 13 | 2½ | 2½ | A | 15 | 3¼ | 3¼ | A | 16½ | 4¼ | 4¼ |
| 84.0-85.0 | A | 13 | 2½ | 2½ | A | 15 | 3¼ | 3¼ | A | 16½ | 4¼ | 4¼ |

■ D.P. = D.E. + .80".

# Selección de Transmisión de Bandas en V

MOTOR: _____ _____ _____ _____
Tipo y Descripción | Potencia (HP) | Diámetro del Eje | RPM

MÁQUINA IMPULSADA: _____ _____ _____ _____
Tipo y Descripción | Horas de Servicio | Diámetro del Eje | RPM

DISTANCIA ENTRE CENTROS: _____ _____ _____
Máxima - Pulgadas | Mínima - Pulgadas | Nominal - Pulgadas

Paso 1:
_____ × _____ = _____
Potencia del Motor | Factor de Servicio (página D-43) | Potencia de Diseño

Paso 2:
_____
Sección de Banda (Tabla 2 ó 3 página D-44)

NOTA: Si el Motor Primario es un Motor Eléctrico Revise el diámetro de la Polea Motriz

Diámetro Mínimo de la Polea Motriz = _____
(página D-44)

Paso 3:
_____ ÷ _____ = _____
RPM del Eje más Rápido | RPM del Eje más Lento | Relación de Velocidad

Paso 4: En las Tablas de Selección de Transmisión en Existencia (páginas D-48 – D-147) para la sección de banda seleccionada en el paso 2, localice la Relación de Velocidad calculada en el paso 3 y en ese renglón obtenga los siguientes datos:

A. _____
Polea Motriz ( Pulgadas)

B. _____
Polea Impulsada ( Pulgadas) (páginas D-6 – D-39)

C. _____
Potencia por banda (HP) (páginas D-6 – D-39)

D. _____
Distancia entre centros (Pulgadas)

E. _____
Tamaño de la banda (Sección y Número)

F. _____
Factor de Corrección

PASO 5: Número de Bandas Requeridas

A. _____ × _____ = _____
Potencia por Banda (HP) | Factor de Corrección | Potencia Corregida por Banda

B. _____ ÷ _____ = _____
Potencia de Diseño (HP) | Potencia Corregida por Banda (HP) | Número de Bandas*

*Si el resultado contiene una fracción, redondee al siguiente número entero.

# Selección de Transmisión de Bandas en V

MOTOR: _____ _____ _____ _____
Tipo y Descripción | Potencia (HP) | Diámetro del Eje | RPM

MÁQUINA IMPULSADA: _____ _____ _____ _____
Tipo y Descripción | Horas de Servicio | Diámetro del Eje | RPM

DISTANCIA ENTRE CENTROS: _____ _____ _____
Máxima - Pulgadas | Mínima - Pulgadas | Nominal - Pulgadas

Paso 1: _____ × _____ = _____
Potencia del Motor | Factor de Servicio (página D-43) | Potencia de Diseño

Paso 2: _____
Sección de Banda (Tabla 2 ó 3 página D-44)

NOTA: Si el Motor Primario es un Motor Eléctrico Revise el diámetro de la Polea Motriz

Diámetro Mínimo de la Polea Motriz = _____
(página D-44)

Paso 3: _____ ÷ _____ = _____
RPM del Eje más Rápido | RPM del Eje más Lento | Relación de Velocidad

Paso 4: En las Tablas de Selección de Transmisión en Existencia ( páginas D-48 – D-147) para la sección de banda seleccionada en el paso 2, localice la Relación de Velocidad calculada en el paso 3 y en ese renglón obtenga los siguientes datos:

A. _____
Polea Motriz (Pulgadas)

B. _____
Polea Impulsada ( Pulgadas) (páginas D-6 – D-39)

C. _____
Potencia por banda (HP) (páginas D-6 – D-39)

D. _____
Distancia entre centros (Pulgadas)

E. _____
Tamaño de la banda (Sección y Número)

F. _____
Factor de Corrección

PASO 5: Número de Bandas Requeridas

A. _____ × _____ = _____
Potencia por Banda (HP) | Factor de Corrección | Potencia Corregida por Banda

B. _____ ÷ _____ = _____
Potencia de Diseño (HP) | Potencia Corregida por Banda (HP) | Número de Bandas*

*Si el resultado contiene una fracción, redondee al siguiente número entero.

# Selección de Transmisión de Bandas en V

MOTOR: _____ _____ _____ _____
Tipo y Descripción | Potencia (HP) | Diámetro del Eje | RPM

MÁQUINA IMPULSADA: _____ _____ _____ _____
Tipo y Descripción | Horas de Servicio | Diámetro del Eje | RPM

DISTANCIA ENTRE CENTROS: _____ _____ _____
Máxima - Pulgadas | Mínima - Pulgadas | Nominal - Pulgadas

Paso 1:
_____ × _____ = _____
Potencia del Motor | Factor de Servicio (página D-43) | Potencia de Diseño

Paso 2:
_____
Sección de Banda (Tabla 2 ó 3 página D-44)

NOTA: Si el Motor Primario es un Motor Eléctrico Revise el diámetro de la Polea Motriz

Diámetro Mínimo de la Polea Motriz = _____
(página D-44)

Paso 3:
_____ ÷ _____ = _____
RPM del Eje más Rápido | RPM del Eje más Lento | Relación de Velocidad

Paso 4: En las Tablas de Selección de Transmisión en Existencia ( páginas D-48 – D-147) para la sección de banda seleccionada en el paso 2, localice la Relación de Velocidad calculada en el paso 3 y en ese renglón obtenga los siguientes datos:

A. _____
Polea Motriz (Pulgadas)

B. _____
Polea Impulsada ( Pulgadas) (páginas D-6 – D-39)

C. _____
Potencia por banda (HP) (páginas D-6 – D-39)

D. _____
Distancia entre centros (Pulgadas)

E. _____
Tamaño de la banda (Sección y Número)

F. _____
Factor de Corrección

PASO 5: Número de Bandas Requeridas

A. _____ × _____ = _____
Potencia por Banda (HP) | Factor de Corrección | Potencia Corregida por Banda

B. _____ ÷ _____ = _____
Potencia de Diseño (HP) | Potencia Corregida por Banda (HP) | Número de Bandas*

*Si el resultado contiene una fracción, redondee al siguiente número entero.

# Poleas para Potencia Fraccionaria (FHP) en Existencia

**AK / BK**
**Barrenadas a la Medida**

**AK / BK**
**Con Buje MST® (Martin Split Taper)**

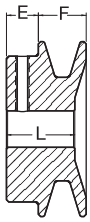
**2AK / 2BK**
**Barrenadas a la Medida**

**2AK / 2BK**
**Con Buje MST® (Martin Split Taper)**

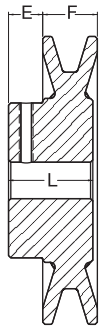
- Poleas de potencia fraccionaria para aplicaciones de servicio ligero.
- Diseños de ranura sencilla y doble.
- Barrenadas a la medida y con Buje MST®.
- Ranuras maquinadas con precisión
- Balanceadas estáticamente.

Llame a Martin para sus requerimientos de poleas de fabricación especial o de grandes cantidades.

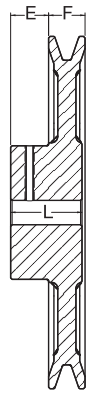
# AK Poleas de Ranura Sencilla para Potencia Fraccionaria (FHP) Barrenadas a la Medida




**TIPO A**
**Sólida**




**TIPO B**
**Alma**




**TIPO C**
**Rayos**

**Dimensiones en pulgadas, peso en libras**

| Número de Parte | DE | Diámetro de Paso: Datum Bandas A (4L) | Diámetro de Paso: Bandas 3L | Tipo | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | F | E | Largo Total (L) | Peso lb (Aprox.) |
|---|---|---|---|---|---|---|---|---|---|
| AK15 | 1.55 | 1.30 | – | A | ½ – ⅝ | 21/32 | 7/16 | 1 3/32 | 0.3 |
| AK17 | 1.75 | 1.50 | 1.16 | A | ½ – ⅝ | 21/32 | 7/16 | 15/16 | 0.3 |
| AK19 | 1.95 | 1.70 | 1.36 | A | ½ – ⅝ – ¾ – ⅞ | 21/32 | 7/16 | 15/16 | 0.5 |
| AK20 | 2.00 | 1.80 | 1.46 | A | ½ – ⅝ – ¾ – | 21/32 | 7/16 | 15/16 | 0.5 |
| AK21 | 2.10 | 1.90 | 1.56 | A | ½ – ⅝ – ¾ – | 21/32 | 7/16 | 15/16 | 0.5 |
| AK22 | 2.20 | 2.00 | 1.66 | A | ½ – ⅝ – ¾ – ⅞ | 21/32 | 7/16 | 15/16 | 0.6 |
| AK23 | 2.30 | 2.10 | 1.76 | A | ½ – ⅝ – ¾ – | 21/32 | 7/16 | 15/16 | 0.6 |
| AK24 | 2.40 | 2.20 | 1.86 | A | ½ – ⅝ – ¾ – ⅞ – – 1 | 21/32 | 7/16 | 15/16 | 0.6 |
| AK25 | 2.50 | 2.30 | 1.96 | B | ½ – ⅝ – ¾ – ⅞ – – | 21/32 | 7/16 | 15/16 | 0.7 |
| AK26 | 2.60 | 2.40 | 2.06 | B | ½ – ⅝ – ¾ – – – | 21/32 | 7/16 | 15/16 | 0.7 |
| AK27 | 2.70 | 2.50 | 2.16 | B | ½ – ⅝ – ¾ – – – 1 | 21/32 | 7/16 | 15/16 | 0.8 |
| AK28 | 2.80 | 2.60 | 2.26 | B | ½ – ⅝ – ¾ – ⅞ – – | 21/32 | 7/16 | 15/16 | 0.8 |
| AK30 | 3.05 | 2.80 | 2.46 | B | ½ – ⅝ – ¾ – ⅞ – – 1 | 21/32 | 7/16 | 15/16 | 0.9 |
| AK32 | 3.25 | 3.00 | 2.66 | B | ½ – ⅝ – ¾ – ⅞ – – 1 | 21/32 | 7/16 | 15/16 | 1.0 |
| AK34 | 3.45 | 3.20 | 2.86 | B | ½ – ⅝ – ¾ – ⅞ – – 1 | 21/32 | 7/16 | 15/16 | 1.1 |
| AK35 | 3.55 | 3.30 | 2.96 | B | ½ – ⅝ – ¾ – ⅞ – – 1 | 21/32 | 7/16 | 15/16 | 1.2 |
| AK39 | 3.75 | 3.50 | 3.16 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 | ¾ | 15/32 | 1 5/32 | 1.6 |
| AK41 | 3.95 | 3.70 | 3.36 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 | ¾ | 15/32 | 1 5/32 | 1.6 |
| AK44 | 4.25 | 4.00 | 3.66 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 | ¾ | 15/32 | 1 5/32 | 1.9 |
| AK46 | 4.45 | 4.20 | 3.86 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 | ¾ | 15/32 | 1 5/32 | 2.0 |
| AK49 | 4.75 | 4.50 | 4.16 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 | ¾ | 15/32 | 1 5/32 | 2.1 |
| AK51 | 4.95 | 4.70 | 4.36 | B | ½ – ⅝ – ¾ – ⅞ – – 1 – 1 1/8 | ¾ | 15/32 | 1 5/32 | 2.2 |
| AK54 | 5.25 | 5.00 | 4.66 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 – 1 3/16 | ¾ | 15/32 | 1 5/32 | 2.4 |
| AK56 | 5.45 | 5.20 | 4.86 | B | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 – 1 3/16 | ¾ | 15/32 | 1 5/32 | 2.5 |
| AK59 | 5.75 | 5.50 | 5.16 | C | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 – 1 3/16 | ¾ | 15/32 | 1 5/32 | 2.7 |
| AK61 | 5.95 | 5.70 | 5.36 | C | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 – 1 3/16 | ¾ | 15/32 | 1 5/32 | 2.8 |
| AK64 | 6.25 | 6.00 | 5.66 | C | ½ – ⅝ – ¾ – ⅞ – 15/16 – 1 – 1 1/8 – 1 3/16 | ¾ | 15/32 | 1 5/32 | 3.0 |
| AK66 | 6.45 | 6.20 | 5.86 | C | – ⅝ – ¾ – – – 1 – 1 1/8 – | ¾ | 15/32 | 1 5/32 | 3.0 |
| AK69 | 6.75 | 6.50 | 6.16 | C | – – ¾ – – – 1 – 1 1/8 – | ¾ | 23/32 | 1 15/32 | 3.7 |
| AK71 | 6.95 | 6.70 | 6.36 | C | ½ – ⅝ – ¾ – – – 1 – 1 1/8 – – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 4.3 |
| AK74 | 7.25 | 7.00 | 6.66 | C | ½ – ⅝ – ¾ – – 15/16 – 1 – 1 1/8 – 1 3/16 – 1 1/4 – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 4.5 |
| AK79 | 7.75 | 7.50 | 7.16 | C | – ¾ – – – 1 – 1 1/8 – – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 4.7 |
| AK81 | 7.95 | 7.70 | 7.36 | C | – ⅝ – ¾ – – – 1 – – 1 3/16 – – – | ¾ | 23/32 | 1 15/32 | 4.7 |
| AK84 | 8.25 | 8.00 | 7.66 | C | ½ – ⅝ – ¾ – – 15/16 – 1 – – 1 3/16 – – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 5.0 |
| AK89 | 8.75 | 8.50 | 8.16 | C | – – ¾ – – – 1 – 1 1/8 – – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 5.2 |
| AK91 | 8.95 | 8.70 | 8.36 | C | – – ¾ – – – 1 – – – – – | ¾ | 23/32 | 1 15/32 | 5.2 |
| AK94 | 9.25 | 9.00 | 8.66 | C | ½ – ⅝ – ¾ – – 15/16 – 1 – – 1 3/16 – 1 1/4 – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 5.5 |
| AK99 | 9.75 | 9.50 | 9.16 | C | – ¾ – – – 1 – – – – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 5.7 |
| AK104 | 10.25 | 10.00 | 9.66 | C | ⅝ – ¾ – – – 1 – – 1 3/16 – 1 1/4 – 1 3/8 – 1 7/16 | ¾ | 23/32 | 1 15/32 | 5.9 |
| AK109 | 10.75 | 10.50 | 10.16 | C | – ¾ – – – 1 – – – – 1 3/8 – 1 7/16 | ¾ | 23/32 | 1 15/32 | 6.1 |
| AK114 | 11.25 | 11.00 | 10.66 | C | – ¾ – – – 1 – – 1 3/16 – – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 6.7 |
| AK124 | 12.25 | 12.00 | 11.66 | C | ⅝ – ¾ – – – 1 – – 1 3/16 – 1 1/4 – – 1 7/16 | ¾ | 23/32 * | 1 15/32 | 7.3 |
| AK134 | 13.25 | 13.00 | 12.66 | C | ¾ – – – 1 – – 1 3/16 – – 1 3/8 – 1 7/16 | ¾ | 23/32 | 1 15/32 | 8.2 |
| AK144 | 14.25 | 14.00 | 13.66 | C | ¾ – – – 1 – – 1 3/16 – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 8.7 |
| AK154 | 15.25 | 15.00 | 14.66 | C | ¾ – – – 1 – – – – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 9.7 |
| AK184 | 18.25 | 18.00 | 17.66 | C | ¾ – – – 1 – – 1 3/16 – – – 1 7/16 | ¾ | 23/32 | 1 15/32 | 11.8 |

E = 25/32" PARA TAMAÑOS DE BARRENO <= 1"
Barreno de ½": Opresor únicamente, sin cuñero.



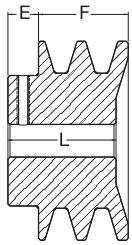
Regresar al Menú Principal
Regresar al Índice de la Sección D

# Poleas de Dos Ranuras para Potencia Fraccionaria (FHP) Barrenadas a la Medida

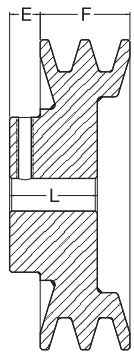
# 2AK

## Dimensiones de Cuñeros Barreno en pulgadas

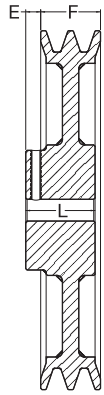
| Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|
| ½ | NINGUNO |
| 5/8 - 7/8 | 3/16 × 3/32 |
| 15/16 - 1¼ | ¼ × ⅛ |
| 1 5/16 - 1 3/8 | 5/16 × 5/32 |




**TIPO A**
**Sólida**




**TIPO B**
**Alma**



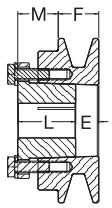

**TIPO C**
**Rayos**

## Dimensiones en pulgadas, peso en libras

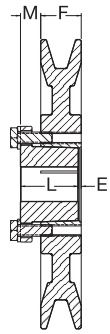
| Número de Parte | DE | Diámetro de Paso Datum Bandas A(4L) | Diámetro de Paso Bandas 3L | Tipo | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | F | E | Largo Total (L) | Peso lb (Aprox.) |
|---|---|---|---|---|---|---|---|---|---|
| 2AK20 | 2.00 | 1.80 | 1.46 | A | ½ - 5/8 - 3/4 | 1 3/8 | 15/32 | 1 21/32 | 0.8 |
| 2AK21 | 2.15 | 1.90 | 1.56 | A | ½ - 5/8 - 3/4 | 1 3/8 | 15/32 | 1 21/32 | 0.9 |
| 2AK22 | 2.25 | 2.00 | 1.66 | A | ½ - 5/8 - 3/4 - 7/8 - - 1 | 1 3/8 | 15/32 | 1 21/32 | 1.1 |
| 2AK23 | 2.35 | 2.10 | 1.76 | A | - 5/8 - 3/4 - 7/8 - - 1 | 1 3/8 | 15/32 | 1 21/32 | 1.2 |
| 2AK25 | 2.55 | 2.30 | 1.96 | A | - 5/8 - 3/4 - 7/8 - - 1 | 1 3/8 | 15/32 | 1 21/32 | 1.4 |
| 2AK26 | 2.65 | 2.40 | 2.06 | A | - 5/8 - 3/4 - 7/8 - - | 1 3/8 | 15/32 | 1 21/32 | 1.5 |
| 2AK27 | 2.75 | 2.50 | 2.16 | A | - 5/8 - 3/4 - 7/8 - - 1 | 1 3/8 | 15/32 | 1 21/32 | 1.6 |
| 2AK28 | 2.85 | 2.60 | 2.26 | A | - 5/8 - 3/4 - 7/8 - - 1 | 1 3/8 | 15/32 | 1 21/32 | 1.7 |
| 2AK30 | 3.05 | 2.80 | 2.46 | A | ½ - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 21/32 | 2.0 |
| 2AK32 | 3.25 | 3.00 | 2.66 | A | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 21/32 | 2.2 |
| 2AK34 | 3.45 | 3.20 | 2.86 | A | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 21/32 | 2.5 |
| 2AK39 | 3.75 | 3.50 | 3.16 | B | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 11/32 | 2.6 |
| 2AK41 | 3.95 | 3.70 | 3.36 | B | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 11/32 | 2.9 |
| 2AK44 | 4.25 | 4.00 | 3.66 | B | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 11/32 | 3.3 |
| 2AK46 | 4.45 | 4.20 | 3.86 | B | 5/8 - - 7/8 - - 1 - 1 1/8 | 1 3/8 | 15/32 | 1 11/32 | 3.6 |
| 2AK49 | 4.75 | 4.50 | 4.16 | B | - 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.1 |
| 2AK51 | 4.95 | 4.70 | 4.36 | B | - 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.5 |
| 2AK54 | 5.25 | 5.00 | 4.66 | B | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.1 |
| 2AK56 | 5.45 | 5.20 | 4.86 | B | 5/8 - 3/4 - - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.1 |
| 2AK59 | 5.75 | 5.50 | 5.16 | B | - - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.3 |
| 2AK61 | 5.95 | 5.70 | 5.36 | B | 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8 | 1 3/8 | 15/32 | 1 11/32 | 4.5 |
| 2AK64 | 6.25 | 6.00 | 5.66 | C | 3/4 - - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 5.6 |
| 2AK74 | 7.25 | 7.00 | 6.66 | C | 3/4 - - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 6.5 |
| 2AK84 | 8.25 | 8.00 | 7.66 | C | 3/4 - - 15/16 - 1 - 1 1/8 - - 1 3/8 - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 7.2 |
| 2AK94 | 9.25 | 9.00 | 8.66 | C | 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 8.0 |
| 2AK104 | 10.25 | 10.00 | 9.66 | C | 3/4 - - 15/16 - 1 - - 1 3/16 - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 9.0 |
| 2AK114 | 11.25 | 11.00 | 10.66 | C | 1 - - 1 3/16 - 1 3/8 - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 9.7 |
| 2AK124 | 12.25 | 12.00 | 11.66 | C | 1 - - 1 3/16 - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 10.5 |
| 2AK134 | 13.25 | 13.00 | 12.66 | C | - - 1 3/16 - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 12.7 |
| 2AK144 | 14.25 | 14.00 | 13.66 | C | 1 - - - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 13.1 |
| 2AK154 | 15.25 | 15.00 | 14.66 | C | 1 3/16 - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 14.3 |
| 2AK184 | 18.25 | 18.00 | 17.66 | C | 1 3/16 - - 1 7/16 | 1 3/8 | 11/32 | 1 19/32 | 17.1 |

Barreno de ½": Opresor únicamente, sin cuñero.

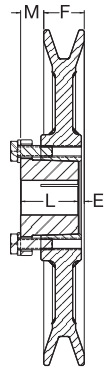
# AK-H Poleas de Ranura Sencilla para Potencia Fraccionaria (FHP) Con Buje MST®




**TIPO A**
**Sólida**




**TIPO B**
**Alma**



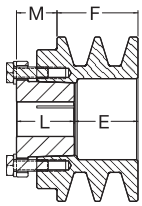

**TIPO C**
**Rayos**

**Dimensiones en Pulgadas, peso en libras**

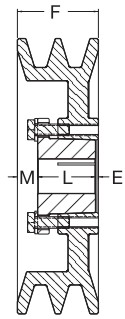
| Número de Parte | DE | Diámetro de Paso Datum Bandas) A (4L) | Diámetro de Paso Bandas 3L | Tipo | Buje | Barreno Máx. del Buje | F | E | Largo Total (L) | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AK30-H | 3.05 | 2.80 | 2.46 | A | H | 1½ | ¾ | ⅜ | 1¼ | ⅞ | 1.3 |
| AK32-H | 3.25 | 3.00 | 2.66 | A | H | 1½ | ¾ | ⅜ | 1¼ | ⅞ | 1.4 |
| AK34-H | 3.45 | 3.20 | 2.86 | A | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 1.2 |
| AK39-H | 3.75 | 3.50 | 3.16 | A | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 1.4 |
| AK41H | 3.95 | 3.70 | 3.36 | A | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 1.6 |
| AK44-H | 4.25 | 4.00 | 3.66 | A | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.0 |
| AK46-H | 4.45 | 4.20 | 3.86 | A | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.2 |
| AK49-H | 4.75 | 4.50 | 4.16 | B | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.1 |
| AK51H | 4.95 | 4.70 | 4.36 | B | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.3 |
| AK54-H | 5.25 | 5.00 | 4.66 | B | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.3 |
| AK56-H | 5.45 | 5.20 | 4.86 | B | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.4 |
| AK59-H | 5.75 | 5.50 | 5.16 | B | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.5 |
| AK61H | 5.95 | 5.70 | 5.36 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.6 |
| AK64-H | 6.25 | 6.00 | 5.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.8 |
| AK66-H | 6.45 | 6.20 | 5.86 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 2.8 |
| AK69-H | 6.75 | 6.50 | 6.16 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 3.0 |
| AK71H | 6.95 | 6.70 | 6.36 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 3.0 |
| AK74-H | 7.25 | 7.00 | 6.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 3.3 |
| AK79-H | 7.75 | 7.50 | 7.16 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 3.5 |
| AK84-H | 8.25 | 8.00 | 7.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 3.8 |
| AK89-H | 8.75 | 8.50 | 8.16 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 4.0 |
| AK94-H | 9.25 | 9.00 | 8.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 4.4 |
| AK99-H | 9.75 | 9.50 | 9.16 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 4.7 |
| AK104-H | 10.25 | 10.00 | 9.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 5.0 |
| AK109-H | 10.75 | 10.50 | 10.16 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 5.2 |
| AK114-H | 11.25 | 11.00 | 10.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 5.5 |
| AK124-H | 12.25 | 12.00 | 11.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 6.0 |
| AK134-H | 13.25 | 13.00 | 12.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 7.3 |
| AK144-H | 14.25 | 14.00 | 13.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 7.9 |
| AK154-H | 15.25 | 15.00 | 14.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/16 | 8.9 |
| AK184-H | 18.25 | 18.00 | 17.66 | C | H | 1½ | ¾ | 1/16 | 1¼ | 9/9/16 16 | 11.4 |

El peso no incluye el buje. En la página D-202 encontrará las dimensiones de los bujes.

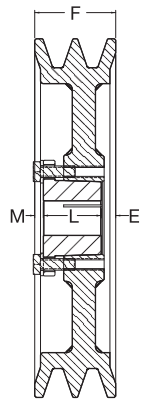
# Poleas de Dos Ranuras para Potencia Fraccionaria (FHP) Con Buje MST® 2AK-H




**TIPO A**
**Sólida**




**TIPO B**
**Alma**




**TIPO C**
**Rayos**

**Dimensiones en pulgadas, peso en libras**

| Número de Parte | DE | Diámetro de Paso Datum Bandas A(4L) | Diámetro de Paso Bandas 3L | Tipo | Buje | Barreno Máx. del Buje | F | E | Largo Total (L) | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2AK30-H | 3.05 | 2.80 | 2.46 | A | H | 1½ | 1⅜ | 1 | 1¼ | ⅞ | 1.7 |
| 2AK32-H | 3.25 | 3.00 | 2.66 | A | H | 1½ | 1⅜ | 1 | 1¼ | ⅞ | 1.9 |
| 2AK34-H | 3.45 | 3.20 | 2.86 | A | H | 1½ | 1⅜ | 9/16 | 1¼ | 7/16 | 1.7 |
| 2AK39-H | 3.75 | 3.50 | 3.16 | A | H | 1½ | 1⅜ | 9/16 | 1¼ | 7/16 | 2.0 |
| 2AK41H | 3.95 | 3.70 | 3.36 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 2.2 |
| 2AK44-H | 4.25 | 4.00 | 3.66 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 2.7 |
| 2AK46-H | 4.45 | 4.20 | 3.86 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.0 |
| 2AK49-H | 4.75 | 4.50 | 4.16 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.1 |
| 2AK51H | 4.95 | 4.70 | 4.36 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.5 |
| 2AK54-H | 5.25 | 5.00 | 4.66 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.4 |
| 2AK56-H | 5.45 | 5.20 | 4.86 | B | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.6 |
| 2AK59-H | 5.75 | 5.50 | 5.16 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.4 |
| 2AK61H | 5.95 | 5.70 | 5.36 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.7 |
| 2AK64-H | 6.25 | 6.00 | 5.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 3.9 |
| 2AK74-H | 7.25 | 7.00 | 6.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 5.0 |
| 2AK84-H | 8.25 | 8.00 | 7.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 5.6 |
| 2AK94-H | 9.25 | 9.00 | 8.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 6.3 |
| 2AK104-H | 10.25 | 10.00 | 9.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 7.6 |
| 2AK114-H | 11.25 | 11.00 | 10.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 8.4 |
| 2AK124-H | 12.25 | 12.00 | 11.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 9.2 |
| 2AK134-H | 13.25 | 13.00 | 12.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 11.5 |
| 2AK144-H | 14.25 | 14.00 | 13.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 11.8 |
| 2AK154-H | 15.25 | 15.00 | 14.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 13.3 |
| 2AK184-H | 18.25 | 18.00 | 17.66 | C | H | 1½ | 1⅜ | 1/16 | 1¼ | 1/16 | 16.9 |

El peso no incluye el buje. En la página D-202 encontrará las dimensiones de los bujes.

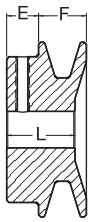
### Bujes MST® "H" – Barreno en Pulgadas

| Diámetro del Eje | Ancho × Profundidad del Cuñero | Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|---|---|
| ⅜ | NINGUNO | 1 | ¼ × ⅛ |
| 7/16 | NINGUNO | 1 1/16 | ¼ × ⅛ |
| ½ | ⅛ × 1/16 | 1⅛ | ¼ × ⅛ |
| 9/16 | ⅛ × 1/16 | 1 3/16 | ¼ × ⅛ |
| 19/32 | ⅛ × 1/16 | 1¼ | ¼ × ⅛ |
| ⅝ | 3/16 × 3/32 | 1 5/16 | 5/16 × 1/16 |
| 21/32 | 3/16 × 3/32 | 1⅜ | 5/16 × 1/16 |
| 11/16 | 3/16 × 3/32 | 1⅜ | ⅜ × 1/16 |
| ¾ | 3/16 × 3/32 | 1 7/16 | ⅜ × 1/16 |
| 25/32 | 3/16 × 3/32 | 1½ | ⅜ × 1/32 |
| 13/16 | 3/16 × 3/32 | | |
| ⅞ | 3/16 × 3/32 | | |
| 15/16 | ¼ × ⅛ | | |
| 31/32 | ¼ × ⅛ | | |

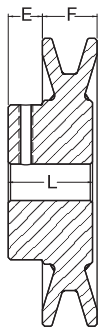
### Bujes MST® "H" – Barreno Milimétrico

| Diámetro del Eje | Ancho × Profundidad del Cuñero | Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|---|---|
| 10 | NINGUNO | 22 | 6 × 2.8 |
| 11 | NINGUNO | 24 | 8 × 3.3 |
| 12 | NINGUNO | 25 | 8 × 3.3 |
| 14 | 5 × 2.3 | 28 | 8 × 3.3 |
| 16 | 5 × 2.3 | 30 | 8 × 3.3 |
| 18 | 6 × 2.8 | 32 | 10 × 1.3 |
| 19 | 6 × 2.8 | 35 | 10 × 0.3 |
| 20 | 6 × 2.8 | 36 | 10 × 1.3 |
| | | 38 | 10 × 0.3 |

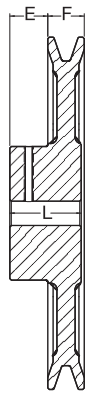
# BK Poleas de Ranura Sencilla para Potencia Fraccionaria (FHP) Barrenadas a la Medida




**TIPO A**
**Sólida**




**TIPO B**
**Alma**




**TIPO C**
**Rayos**

**Dimensiones en pulgadas, peso en libras**

| Número de Parte | DE | Diámetro de Paso Datum Bandas A(4L) | Diámetro de Paso Datum Bandas B(5L) | Tipo | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | F | E | Largo Total (L) | Peso lb (Aprox.) |
|---|---|---|---|---|---|---|---|---|---|
| BK23 | 2.30 | - | 2.10 | A | 5/8 - - - 1 | 13/16 | 13/32 | 1 1/16 | 0.4 |
| BK24 | 2.40 | 1.80 | 2.20 | A | 1/2 - 5/8 - 3/4 - 7/8 - - | 13/16 | 13/32 | 1 1/16 | 0.4 |
| BK25 | 2.50 | 1.90 | 2.30 | A | 1/2 - 5/8 - 3/4 - 7/8 - - | 13/16 | 13/32 | 1 1/16 | 0.5 |
| BK26 | 2.60 | 2.00 | 2.40 | A | 1/2 - 5/8 - 3/4 - 7/8 - - | 13/16 | 13/32 | 1 1/16 | 0.6 |
| BK27 | 2.70 | 2.10 | 2.50 | B | 1/2 - 5/8 - 3/4 - 7/8 - - - 1 1/8 | 13/16 | 13/32 | 1 1/16 | 0.6 |
| BK28 | 2.95 | 2.20 | 2.60 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 13/16 | 13/32 | 1 1/16 | 0.8 |
| BK30 | 3.15 | 2.40 | 2.80 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 13/16 | 13/32 | 1 1/16 | 0.8 |
| BK32 | 3.35 | 2.60 | 3.00 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - | 13/16 | 13/32 | 1 1/16 | 0.8 |
| BK34 | 3.55 | 2.80 | 3.20 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 1.3 |
| BK36 | 3.75 | 3.00 | 3.40 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 1.5 |
| BK40 | 3.95 | 3.20 | 3.60 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 1.5 |
| BK45 | 4.25 | 3.50 | 3.90 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 1.8 |
| BK46 | 4.35 | 3.60 | 4.00 | B | - - - 7/8 - - - | 7/8 | 13/32 | 1 5/32 | 1.8 |
| BK47 | 4.45 | 3.70 | 4.10 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 1.8 |
| BK48 | 4.55 | 3.80 | 4.20 | B | 1/2 - 5/8 - 3/4 - 7/8 - - - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 2.0 |
| BK50 | 4.75 | 4.00 | 4.40 | B | 1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 2.0 |
| BK52 | 4.95 | 4.20 | 4.60 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 | 7/8 | 13/32 | 1 5/32 | 2.0 |
| BK55 | 5.25 | 4.50 | 4.90 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 | 7/8 | 13/32 | 1 5/32 | 2.2 |
| BK57 | 5.45 | 4.70 | 5.10 | B | - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - | 7/8 | 13/32 | 1 5/32 | 2.3 |
| BK60 | 5.75 | 5.00 | 5.40 | B | 1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 | 7/8 | 13/32 | 1 5/32 | 2.3 |
| BK62 | 5.95 | 5.20 | 5.60 | B | 1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16 | 7/8 | 13/32 | 1 5/32 | 2.4 |
| BK65 | 6.25 | 5.50 | 5.90 | B | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - | 7/8 | 13/32 | 1 5/32 | 2.7 |
| BK67 | 6.45 | 5.70 | 6.10 | C | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - | 7/8 | 13/32 | 1 5/32 | 2.8 |
| BK70 | 6.75 | 6.00 | 6.40 | C | 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16 - - - 1 7/16 | 7/8 | 21/32 * | 1 15/32 | 3.3 |
| BK72 | 6.95 | 6.20 | 6.60 | C | - 3/4 - - - 1 - 1 1/8 - - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 3.9 |
| BK75 | 7.25 | 6.50 | 6.90 | C | - 3/4 - - - 1 - 1 1/8 - - - - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 3.9 |
| BK77 | 7.45 | 6.70 | 7.10 | C | - 3/4 - - - 1 - 1 1/8 - - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 4.1 |
| BK80 | 7.75 | 7.00 | 7.40 | C | 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 - 1 1/8 - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 4.4 |
| BK85 | 8.25 | 7.50 | 7.90 | C | 3/4 - - - 1 - 1 1/8 - 1 3/16 - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 5.0 |
| BK90 | 8.75 | 8.00 | 8.40 | C | 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16 - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 5.0 |
| BK95 | 9.25 | 8.50 | 8.90 | C | 3/4 - - - - 1 - 1 1/8 - - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 5.4 |
| BK100 | 9.75 | 9.00 | 9.40 | C | 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 - 1 1/8 - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 5.6 |
| BK105 | 10.25 | 9.50 | 9.90 | C | - - - 1 - - - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 5.8 |
| BK110 | 10.75 | 10.00 | 10.40 | C | 3/4 - - - - 1 - 1 1/8 - 1 3/16 - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 6.4 |
| BK115 | 11.25 | 10.50 | 10.90 | C | - - - 1 - - - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 6.9 |
| BK120 | 11.75 | 11.00 | 11.40 | C | 3/4 - - - - 1 - - 1 3/16 - - 1 3/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 7.4 |
| BK130 | 12.75 | 12.00 | 12.40 | C | 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 - - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 8.4 |
| BK140 | 13.75 | 13.00 | 13.40 | C | 3/4 - - - - 1 - - 1 3/16 - - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 9.4 |
| BK160 | 15.75 | 15.00 | 15.40 | C | 1 - 1 1/8 - 1 3/16 - 1 1/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 11.4 |
| BK190 | 18.75 | 18.00 | 18.40 | C | 1 - - 1 3/16 - 1 1/8 - 1 7/16 | 7/8 | 21/32 | 1 15/32 | 13.4 |

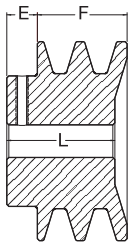
E = 13/32" PARA TAMAÑOS DE BARRENO <= 1".
Barreno de 1/2": opresor únicamente, sin cuñero.

# Poleas de 2 Ranuras para Potencia Fraccionaria (FHP) Barrenadas a la Medida

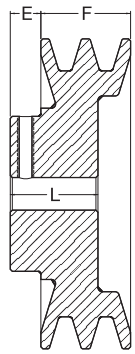
# 2BK

## Dimensiones de Cuñeros Barreno en pulgadas

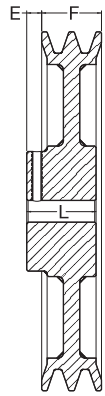
| Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|
| ½ | NINGUNO |
| 5/8 - 7/8 | 3/16 × 3/32 |
| 15/16 - 1 1/4 | 1/4 × 1/8 |
| 1 5/16 - 1 3/8 | 5/16 × 5/32 |
| 1 7/16 - 1 3/4 | 3/8 × 3/16 |




**TIPO A**
**Sólida**




**TIPO B**
**Alma**



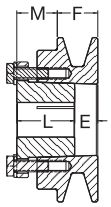

**TIPO C**
**Rayos**

## Dimensiones en pulgadas, peso en libras

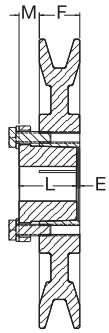
| Número de Parte | DE | Diámetro de Paso Datum Bandas A(4L) | Diámetro de Paso Datum Bandas B(5L) | Tipo | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | F | E | Largo Total (L) | Peso lb (Aprox.) |
|---|---|---|---|---|---|---|---|---|---|
| 2BK25 | 2.50 | 1.90 | 2.30 | A | ½ – 5/8 – 3/4 – 7/8 | 1 3/4 | 15/32 | 1 31/32 | 1.3 |
| 2BK26 | 2.60 | 2.00 | 2.40 | A | – 5/8 – – 7/8 – – 1 1/8 | 1 3/4 | 15/32 | 1 31/32 | 1.5 |
| 2BK27 | 2.70 | 2.10 | 2.50 | A | ½ – 5/8 – 3/4 – 7/8 – 1 | 1 3/4 | 15/32 | 1 31/32 | 1.6 |
| 2BK28 | 2.95 | 2.20 | 2.60 | A | ½ – 5/8 – 3/4 – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 31/32 | 1.9 |
| 2BK30 | 3.15 | 2.40 | 2.80 | A | ½ – 5/8 – 3/4 – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 31/32 | 2.3 |
| 2BK32 | 3.35 | 2.60 | 3.00 | A | 5/8 – – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 31/32 | 2.6 |
| 2BK34 | 3.55 | 2.80 | 3.20 | A | 5/8 – 3/4 – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 31/32 | 2.8 |
| 2BK36 | 3.75 | 3.00 | 3.40 | A | – 3/4 – 7/8 – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 31/32 | 3.3 |
| 2BK40 | 3.95 | 3.20 | 3.60 | B | 5/8 – 3/4 – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 15/32 | 3.3 |
| 2BK45 | 4.25 | 3.50 | 3.90 | B | – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 3.3 |
| 2BK47 | 4.45 | 3.70 | 4.10 | B | – 7/8 – 1 – 1 1/8 | 1 3/4 | 15/32 | 1 15/32 | 3.7 |
| 2BK50 | 4.75 | 4.00 | 4.40 | B | 3/4 – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 4.1 |
| 2BK52 | 4.95 | 4.20 | 4.60 | B | – 7/8 – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 4.5 |
| 2BK55 | 5.25 | 4.50 | 4.90 | B | – – – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 4.5 |
| 2BK57 | 5.45 | 4.70 | 5.10 | B | – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 5.1 |
| 2BK60 | 5.75 | 5.00 | 5.40 | B | 3/4 – 7/8 – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 4.9 |
| 2BK62 | 5.95 | 5.20 | 5.60 | B | – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 4.8 |
| 2BK65 | 6.25 | 5.50 | 5.90 | B | – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 5.0 |
| 2BK67 | 6.45 | 5.70 | 6.10 | C | – – 1 – 1 1/8 – – 1 3/8 | 1 3/4 | 15/32 | 1 15/32 | 5.0 |
| 2BK70 | 6.75 | 6.00 | 6.40 | C | 3/4 – – 1 – 1 1/8 – 1 3/16 – 1 3/8 – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 6.6 |
| 2BK80 | 7.75 | 7.00 | 7.40 | C | 3/4 – – 1 – 1 1/8 – 1 3/16 – 1 3/8 – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 7.2 |
| 2BK90 | 8.75 | 8.00 | 8.40 | C | 3/4 – – 1 – 1 1/8 – 1 3/16 – 1 3/8 – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 8.4 |
| 2BK100 | 9.75 | 9.00 | 9.40 | C | 3/4 – – 1 – – 1 3/16 – 1 3/8 – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 9.4 |
| 2BK110 | 10.75 | 10.00 | 10.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 10.4 |
| 2BK120 | 11.75 | 11.00 | 11.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 11.8 |
| 2BK130 | 12.75 | 12.00 | 12.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 14.9 |
| 2BK140 | 13.75 | 13.00 | 13.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 16.3 |
| 2BK160 | 15.75 | 15.00 | 15.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 18.0 |
| 2BK190 | 18.75 | 18.00 | 18.40 | C | 1 – – 1 3/16 – – 1 7/16 | 1 3/4 | 11/32 | 1 19/32 | 23.3 |

Barreno de ½": opresor únicamente, sin cuñero.

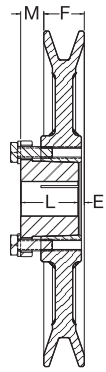
# BK-H Poleas de Ranura Sencilla para Potencia Fraccionaria (FHP) con Buje MST®




**TIPO A**
**Sólida**




**TIPO B**
**Alma**



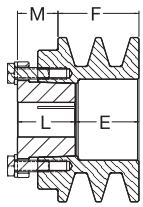

**TIPO C**
**Rayos**

**Dimensiones en pulgadas, peso en libras**

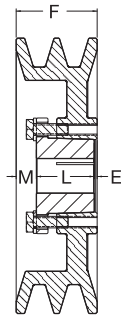
| Número de Parte | DE | Diámetro de Paso Datum Bandas A(4L) | Diámetro de Paso Datum Bandas B(5L) | Tipo | Buje | Barreno Máx. del Buje | F | E | Largo Total (L) | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BK30-H | 3.15 | 2.40 | 2.80 | A | H | 1½ | ⅞ | ½ | 1¼ | ⅞ | 1.3 |
| BK32-H | 3.35 | 2.60 | 3.00 | A | H | 1½ | ⅞ | ½ | 1¼ | ⅞ | 1.5 |
| BK34-H | 3.55 | 2.80 | 3.20 | A | H | 1½ | ⅞ | ½ | 1¼ | ⅞ | 1.7 |
| BK36-H | 3.75 | 3.00 | 3.40 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 1.3 |
| BK40-H | 3.95 | 3.20 | 3.60 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 1.5 |
| BK45-H | 4.25 | 3.50 | 3.90 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 1.9 |
| BK47-H | 4.45 | 3.70 | 4.10 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 2.2 |
| BK50-H | 4.75 | 4.00 | 4.40 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 2.2 |
| BK52-H | 4.95 | 4.20 | 4.60 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 2.5 |
| BK55-H | 5.25 | 4.50 | 4.90 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 3.0 |
| BK57-H | 5.45 | 4.70 | 5.10 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 3.2 |
| BK60-H | 5.75 | 5.00 | 5.40 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 3.2 |
| BK62-H | 5.95 | 5.20 | 5.60 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 3.6 |
| BK65-H | 6.25 | 5.50 | 5.90 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 4.0 |
| BK67-H | 6.45 | 5.70 | 6.10 | B | H | 1½ | ⅞ | 1/16 | 1¼ | 7/16 | 4.0 |
| BK70-H | 6.75 | 6.00 | 6.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 3.3 |
| BK72-H | 6.95 | 6.20 | 6.60 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 3.6 |
| BK75-H | 7.25 | 6.50 | 6.90 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 3.4 |
| BK77-H | 7.45 | 6.70 | 7.10 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 3.7 |
| BK80-H | 7.75 | 7.00 | 7.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 4.0 |
| BK85-H | 8.25 | 7.50 | 7.90 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 4.1 |
| BK90-H | 8.75 | 8.00 | 8.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 4.5 |
| BK95-H | 9.25 | 8.50 | 8.90 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 4.8 |
| BK100-H | 9.75 | 9.00 | 9.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 5.1 |
| BK105-H | 10.25 | 9.50 | 9.90 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 5.4 |
| BK110-H | 10.75 | 10.00 | 10.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 6.0 |
| BK115-H | 11.25 | 10.50 | 10.90 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 6.3 |
| BK120-H | 11.75 | 11.00 | 11.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 6.6 |
| BK130-H | 12.75 | 12.00 | 12.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 7.2 |
| BK140-H | 13.75 | 13.00 | 13.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 8.6 |
| BK150-H | 14.75 | 14.00 | 14.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 9.4 |
| BK160-H | 15.75 | 15.00 | 15.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 10.1 |
| BK190-H | 18.75 | 18.00 | 18.40 | C | H | 1½ | ⅞ | ⅛ | 1¼ | ½ | 12.3 |

El peso no incluye el buje. En la página D-202 encontrará las dimensiones de los bujes.

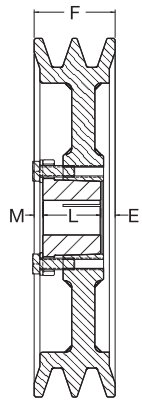
# Poleas de Doble Ranura para Potencia Fraccionaria (FHP) con Buje MST® 2BK-H




**TIPO A**
**Sólida**




**TIPO B**
**Alma**




**TIPO C**
**Rayos**

## Dimensiones en pulgadas, peso en libras

| Número de Parte | DE | Diámetro de Paso: Datum Bandas A(4L) | Diámetro de Paso: Datum Bandas B(5L) | Tipo | Buje | Barreno Máx. del Buje | F | E | Largo Total (L) | M | Peso sin Buje |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2BK32-H | 3.35 | 2.60 | 3.00 | A | H | 1½ | 1¾ | 1⅜ | 1¼ | ⅞ | 2.2 |
| 2BK34-H | 3.55 | 2.80 | 3.20 | A | H | 1½ | 1¾ | 1⅜ | 1¼ | ⅞ | 2.6 |
| 2BK36-H | 3.75 | 3.00 | 3.40 | A | H | 1½ | 1¾ | 15/16 | 1¼ | ⅞ | 2.4 |
| 2BK40-H | 3.95 | 3.20 | 3.60 | A | H | 1½ | 1¾ | 15/16 | 1¼ | 7/16 | 2.6 |
| 2BK45-H | 4.25 | 3.50 | 3.90 | A | H | 1½ | 1¾ | 15/16 | 1¼ | 7/16 | 3.1 |
| 2BK47-H | 4.45 | 3.70 | 4.10 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 3.2 |
| 2BK50-H | 4.75 | 4.00 | 4.40 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 3.7 |
| 2BK52-H | 4.95 | 4.20 | 4.60 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 4.1 |
| 2BK55-H | 5.25 | 4.50 | 4.90 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 4.2 |
| 2BK57-H | 5.45 | 4.70 | 5.10 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 4.5 |
| 2BK60-H | 5.75 | 5.00 | 5.40 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 4.9 |
| 2BK62-H | 5.95 | 5.20 | 5.60 | B | H | 1½ | 1¾ | 1/16 | 1¼ | 7/16 | 5.2 |
| 2BK65-H | 6.25 | 5.50 | 5.90 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 5.7 |
| 2BK67-H | 6.45 | 5.70 | 6.10 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 5.8 |
| 2BK70-H | 6.75 | 6.00 | 6.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 6.1 |
| 2BK72-H | 6.95 | 6.20 | 6.60 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 6.1 |
| 2BK80-H | 7.75 | 7.00 | 7.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 7.4 |
| 2BK90-H | 8.75 | 8.00 | 8.40 | C | H | 1½ | 1¾ | 5/16 | ¼ | 3/16 | 8.5 |
| 2BK100-H | 9.75 | 9.00 | 9.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 9.7 |
| 2BK110-H | 10.75 | 10.00 | 10.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 10.9 |
| 2BK120-H | 11.75 | 11.00 | 11.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 12.0 |
| 2BK130-H | 12.75 | 12.00 | 12.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 13.4 |
| 2BK140-H | 13.75 | 13.00 | 13.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 15.3 |
| 2BK160-H | 15.75 | 15.00 | 15.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 17.8 |
| 2BK190-H | 18.75 | 18.00 | 18.40 | C | H | 1½ | 1¾ | 5/16 | 1¼ | 3/16 | 22.8 |

Los pesos no incluyen los bujes. Vea información adicional sobre bujes en la página D-202.

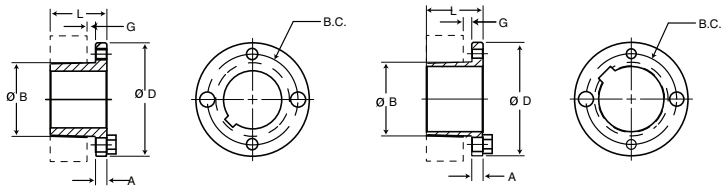
## Bujes MST® "H" – Barreno en Pulgadas

| Diámetro del Eje | Ancho × Profundidad del Cuñero | Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|---|---|
| ⅜ | NINGUNO | 1 | ¼ × ⅛ |
| 7/16 | NINGUNO | 1 1/16 | ¼ × ⅛ |
| ½ | ⅛ × 1/16 | 1⅛ | ¼ × ⅛ |
| 9/16 | ⅛ × 1/16 | 1 3/16 | ¼ × ⅛ |
| 19/32 | ⅛ × 1/16 | 1¼ | ¼ × ⅛ |
| ⅝ | 3/16 × 3/32 | 1 5/16 | 5/16 × 1/16 |
| 21/32 | 3/16 × 3/32 | 1⅜ | 5/16 × 1/16 |
| 11/16 | 3/16 × 3/32 | 1⅜ | ⅜ × 1/16 |
| ¾ | 3/16 × 3/32 | 1 7/16 | ⅜ × 1/16 |
| 25/32 | 3/16 × 3/32 | 1½ | ⅜ × 1/32 |
| 13/16 | 3/16 × 3/32 | | |
| ⅞ | 3/16 × 3/32 | | |
| 15/16 | ¼ × ⅛ | | |
| 31/32 | ¼ × ⅛ | | |

## Bujes MST® "H" – Barreno Milimétrico

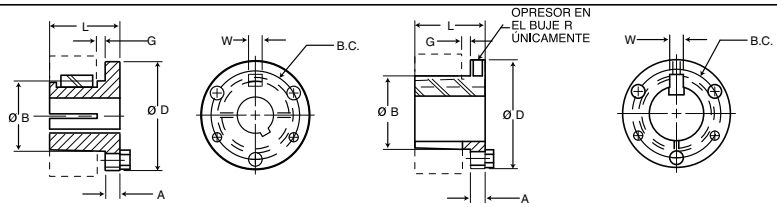
| Diámetro del Eje | Ancho × Profundidad del Cuñero | Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|---|---|
| 10 | NINGUNO | 22 | 6 × 2.8 |
| 11 | NINGUNO | 24 | 8 × 3.3 |
| 12 | NINGUNO | 25 | 8 × 3.3 |
| 14 | 5 × 2.3 | 28 | 8 × 3.3 |
| 16 | 5 × 2.3 | 30 | 8 × 3.3 |
| 18 | 6 × 2.8 | 32 | 10 × 1.3 |
| 19 | 6 × 2.8 | 35 | 10 × 0.3 |
| 20 | 6 × 2.8 | 36 | 10 × 1.3 |
| | | 38 | 10 × 0.3 |

# Bujes MST®



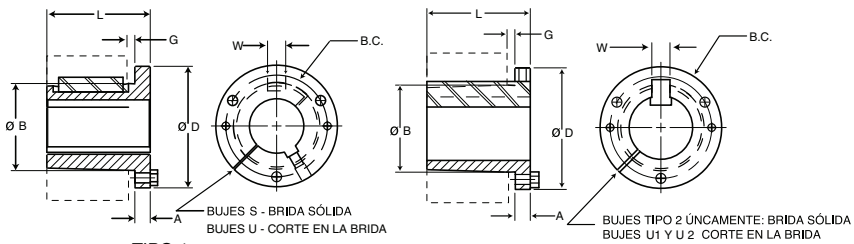

TIPO 1 TIPO 2

BUJE H



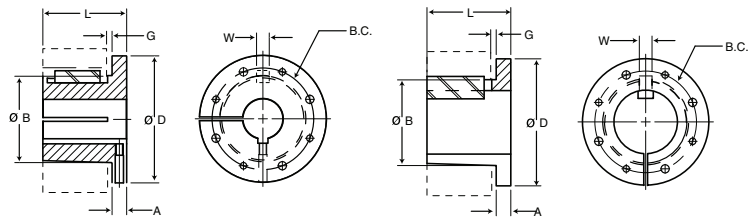

TIPO 1 TIPO 2

BUJES P, Q Y R




TIPO 1 TIPO 2

BUJES S Y U




TIPO 1 TIPO 2

BUJES W

## Especificaciones de los Bujes MST®

| No. de Parte | Dimensiones | | | | | | | Barrenos en Existencia | | Tornillos | | Peso lb (aprox) | Torque lb-pulg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | L | A | B Parte Larga | G | B.C. | W | Tipo 1 | Tipo 2 | No. | Tamaño | | |
| H | 2.50 | 1.25 | 0.25 | 1.6250 | 0.19 | 2.00 | — | ⅜ - 1⅜ | 1 7/16 - 1½ | 2 | ¼ × ¾ | 0.8 | 95 |
| P1 | 3.00 | 1.94 | 0.41 | 1.9375 | 0.22 | 2.44 | 0.375 | ½ - 1 7/16 | 1½ - 1¾ | 3 | 5/16 × 1 | 1.3 | 192 |
| P2 | 3.00 | 2.94 | 0.41 | 1.9375 | 0.22 | 2.44 | 0.375 | ¾ - 1 7/16 | 1½ - 1¾ | 3 | 5/16 × 1 | 1.5 | 192 |
| P3 | 3.00 | 4.44 | 0.41 | 1.9375 | 0.22 | 2.44 | 0.375 | 1⅛ - 1⅜ | 1⅝ | 3 | 5/16 × 1 | 2 | 192 |
| Q1 | 4.12 | 2.50 | 0.53 | 2.8750 | 0.22 | 3.38 | 0.500 | ¾ - 2 1/16 | 2⅛ - 2 11/16 | 3 | ⅜ × 1¼ | 3.5 | 348 |
| Q2 | 4.12 | 3.50 | 0.53 | 2.8750 | 0.22 | 3.38 | 0.500 | 1 - 2 1/16 | 2⅛ - 2⅝ | 3 | ⅜ × 1¼ | 4.5 | 348 |
| Q3 | 4.12 | 5.00 | 0.53 | 2.8750 | 0.22 | 3.38 | 0.500 | 1⅜ - 2 1/16 | 2⅛ - 2½ | 3 | ⅜ × 1¼ | 5.5 | 348 |
| R1 | 5.38 | 2.88 | 0.62 | 4.0000 | 0.25 | 4.62 | 0.750 | 1⅛ - 2 13/16 | 2⅞ - 3¾ | 3 | ⅜ × 1¾ | 7.5 | 348 |
| R2 | 5.38 | 4.88 | 0.62 | 4.0000 | 0.25 | 4.62 | 0.750 | 1⅜ - 2 13/16 | 2⅞ - 3⅝ | 3 | ⅜ × 1¾ | 11 | 348 |
| S1 | 6.38 | 4.38 | 0.75 | 4.6250 | 0.31 | 5.38 | 0.750 | 1 11/16 - 3 3/16 | 3¼ - 4¼ | 3 | ½ × 2¼ | 13.5 | 840 |
| S2 | 6.38 | 6.75 | 0.75 | 4.6250 | 0.31 | 5.38 | 0.750 | 1⅞ - 3 3/16 | 3¼ - 4 3/16 | 3 | ½ × 2¼ | 19 | 840 |
| UO | 8.38 | 5.25 | 1.06 | 6.0000 | 0.44 | 7.00 | 1.250 | 2⅜ - 3 1/16 | — | 3 | ⅝ × 2¾ | 30 | 1680 |
| UO | 8.38 | 4.94 | 0.75 | 6.0000 | 0.44 | 7.00 | 1.250 | 3¼ - 4¼ | 4⅜ - 5-½ | 3 | ⅝ × 2¾ | 27 | 1680 |
| U1 | 8.38 | 7.12 | 1.06 | 6.0000 | 0.44 | 7.00 | 1.250 | 2⅜ - 4¼ | 4⅜ - 5-½ | 3 | ⅝ × 2¾ | 40 | 1680 |
| U2 | 8.38 | 10.12 | 1.06 | 6.0000 | 0.44 | 7.00 | 1.250 | 2 7/16 - 4¼ | 4⅜ - 5 | 3 | ⅝ × 2¾ | 50 | 1680 |
| W1 | 12.50 | 8.25 | 1.44 | 8.5000 | 0.44 | 10.00 | 1.250 | 3⅜ - 6 3/16 | 6¼ - 7 7/16 | 4 | ¾ × 3 | 104 | 3000 |
| W2 | 12.50 | 11.25 | 1.44 | 8.5000 | 0.44 | 10.00 | 1.250 | 3⅜ - 6 3/16 | 6¼ - 7 7/16 | 4 | ¾ × 3 | 133 | 3000 |

La conicidad es de ¾" por pie.
Los bujes son de hierro colado, hierro dúctil, acero sinterizado o de acero. Consulte a Martin para saber el material de construcción del buje de su interés.
También tenemos disponibles bujes MST® con barrenos métricos.

## INSTRUCCIONES DE INSTALACIÓN Y DESMONTAJE PARA BUJES MST Martin

Los bujes MST se instalan y se desmontan fácilmente. Estos bujes tienen un corte a través del barril y tienen la conicidad necesaria para sujetarse al eje. La característica principal de este buje es la doble cuña (cuña interior al eje y cuña exterior a la pieza) que permite instalaciones “a ciegas”.

### INSTALACIÓN

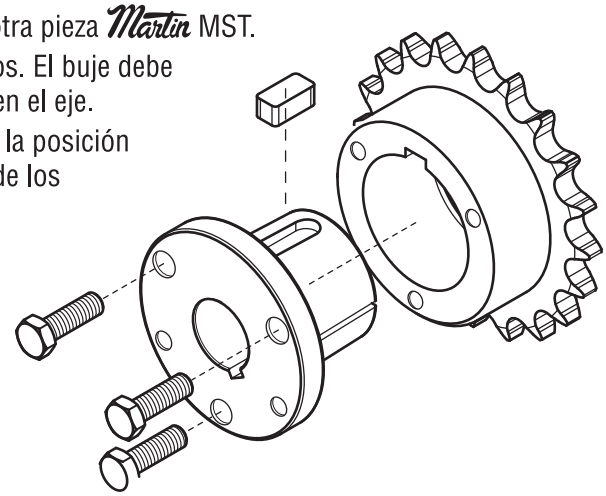
1.- Asegúrese de que la superficie cónica del buje y la superficie interior del sprocket estén limpias y sin lubricante antiaferrante.

2.- Coloque el buje en el sprocket o en cualquier otra pieza Martin MST.

3.- Coloque los tornillos sin apretar en los barrenos. El buje debe permanecer suelto para que pueda deslizarse en el eje.

4.- Con la cuña en el eje, deslice el sprocket hasta la posición deseada en el eje. Asegúrese que las cabezas de los tornillos queden accesibles.

5.- Después de alinear el sprocket apriete los tornillos alternada y uniformemente hasta llegar al torque indicado en la Tabla de Torques. No utilice extensiones en las llaves de tuercas. No permita que el sprocket entre en contacto con la brida del buje. Debe haber un claro entre la brida del buje y el sprocket.



PRECAUCIÓN: ESTE CLARO NO DEBE SER CERRADO.

**TABLA DE TORQUES**

| Tamaño de Buje MST | Tamaño de Tornillo | Torque lb-pulg |
|---|---|---|
| G | ¼ x ⅝ | 95 |
| H | ¼ x ¾ | 95 |
| P | 5⁄16 x 1 | 192 |
| Q | ⅜ x 1¼ | 348 |
| R | ⅜ x 1¾ | 348 |
| S | ½ x 2¼ | 840 |
| U | ⅝ x 2¾ | 1680 |
| W | ¾ x 3 | 3000 |

### DESMONTAJE

1.- Afloje y quite los tornillos.

2.- Inserte los tornillos en los barrenos de extracción.

3.- Apriete los tornillos hasta que el sprocket quede suelto en el eje.

4.- Quite el sprocket del eje.

**PRECAUCIÓN**

**ADVERTENCIA: EL USO DE LUBRICANTE ANTIAFERRANTE EN LAS SUPERFICIES CÓNICAS O EN LAS CUERDAS DE LOS PERNOS DURANTE EL MONTAJE, PUEDE DAÑAR LAS POLEAS Y LOS SPROCKETS. ESTO ANULA LA GARANTÍA DEL FABRICANTE.**

**ADVERTENCIA:** Debido al riesgo de accidentes en personas o en equipos, ocasionados por el uso inadecuado de este producto, es importante que se sigan correctamente los procedimientos: Los productos deben usarse de acuerdo con la información de ingeniería especificada en este catálogo. Se deben observar al pie de la letra los procedimientos adecuados de instalación, mantenimiento y operación. Las instrucciones arriba indicadas deben seguirse fielmente. Se deben hacer las inspecciones necesarias para tener la certeza de que el funcionamiento de estas partes sea seguro bajo las condiciones de operación dadas. Todos los productos de Transmisión de Potencia son peligrosos y deben tener guardas de protección de acuerdo a lo establecido en las regulaciones, los reglamentos y normas de seguridad. (Refiérase a la Norma ANSI B15.1)

# Poleas de Paso Variable en Existencia

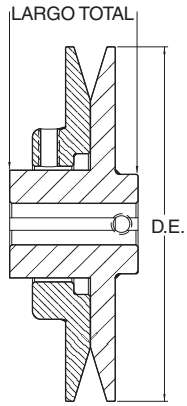
**1VP**
**Barrenadas a la Medida**

**2VP**
**Barrenadas a la Medida**

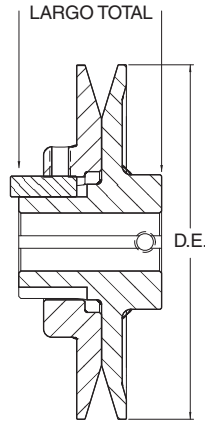
- Poleas de ajuste de velocidad estacionario.
- Diseños de ranura sencilla y doble.
- Rango completo de barrenos con cuñero y opresor incluidos.
- Sistema de bloqueo positivo.
- Ranuras maquinadas con precisión.
- Balanceadas estáticamente.

Llame a Martin para sus requerimientos de poleas de fabricación especial o de grandes cantidades.

# Poleas de Paso Variable, Ranura Sencilla, Barrenadas a la Medida 1VP




TIPO A




TIPO B

## Dimensiones de Cuñeros Barreno en pulgadas

| Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|
| ½ | NINGUNO |
| 5/8 - 7/8 | 3/16 × 3/32 |
| 1 5/16 - 1 1/4 | 1/4 × 1/8 |
| 1 5/16 - 1 3/8 | 5/16 × 5/32 |
| 1 7/16 - 1 3/4 | 3/8 × 3/16 |

## Dimensiones en pulgadas

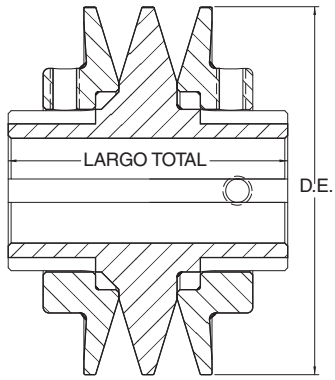
| No. de Parte | Diámetros de Paso y Vueltas | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bandas 3L | | | | Bandas A ó 4L | | | | Bandas B ó 5L | | | | Bandas 5V | | | |
| | Datum Mín. | Vueltas Abierta | Datum Máx | Vueltas Abierta | Datum Mín. | Vueltas Abierta | Datum Máx. | Vueltas Abierta | Datum Mín. | Vueltas Abierta | Datum. Máx. | Vueltas Abierta | Datum Min. | Vueltas Abierta | Datum Máx. | Vueltas Abierta |
| 1VP25 | 1.6 | 4 | 2.4 | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1VP30 | 1.8 | 4 | 2.7 | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1VP34 | 1.9 | 4 | 2.8 | 0 | 2.0 | 5 | 3.0 | 0 | 2.3 | 5 | 3.2 | 1 | - | - | - | - |
| 1VP40 | 2.4 | 4 | 3.2 | 0 | 2.5 | 5 | 3.5 | 0 | 2.6 | 6 | 3.6 | 1 | - | - | - | - |
| 1VP44 | 2.8 | 4 | 3.7 | 0 | 2.9 | 5 | 3.9 | 0 | 3.0 | 6 | 4.0 | 1 | - | - | - | - |
| 1VP50 | 3.4 | 4 | 4.2 | 0 | 3.5 | 5 | 4.5 | 0 | 3.6 | 6 | 4.6 | 1 | - | - | - | - |
| 1VP56 | 4.0 | 4 | 4.8 | 0 | 4.1 | 5 | 5.1 | 0 | 4.2 | 6 | 5.2 | 1 | - | - | - | - |
| 1VP60 | - | - | - | - | 4.2 | 5 | 5.2 | 0 | 4.4 | 6 | 5.6 | 0 | - | - | - | - |
| 1VP62 | 4.6 | 4 | 5.4 | 0 | 4.7 | 5 | 5.7 | 0 | 4.8 | 6 | 5.8 | 1 | 5.1 | 6 | 6.1 | 1 |
| 1VP65 | - | - | - | - | 4.7 | 5 | 5.7 | 0 | 4.9 | 6 | 6.1 | 0 | 5.1 | 6 | 6.3 | 0 |
| 1VP68 | 5.2 | 4 | 6.0 | 0 | 5.3 | 5 | 6.3 | 0 | 5.4 | 6 | 6.4 | 1 | 5.7 | 6 | 6.7 | 1 |
| 1VP71 | - | - | - | - | 5.3 | 5 | 6.3 | 0 | 5.5 | 6 | 6.7 | 0 | 5.7 | 6 | 6.9 | 0 |
| 1VP75 | - | - | - | - | 5.7 | 5 | 6.7 | 0 | 5.9 | 6 | 7.1 | 0 | 6.1 | 6 | 7.3 | 0 |

## Dimensiones en pulgadas, peso en libras

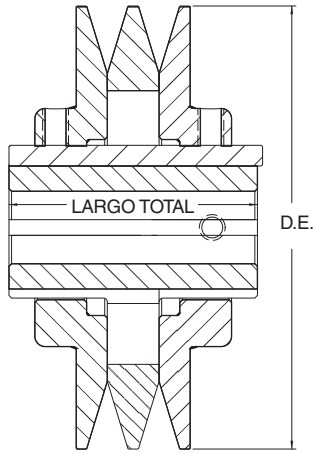
| No. de Parte | DE | Tipo | Largo Total (L) | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | | | | | | | | | | | | | | | | Peso Aprox. (lb) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1VP25 | 2.50 | A | 1 23/32 | ½ | - | 5/8 | - | 3/4 | | | | | | | | | | | | 0.8 |
| 1VP30 | 2.87 | A | 1 11/16 | ½ | - | 5/8 | - | 3/4 | | | | | | | | | | | | 1.1 |
| 1VP34 | 3.15 | A | 1 29/32 | ½ | - | 5/8 | - | 3/4 | - | 7/8 | | | | | | | | | | 1.4 |
| 1VP40 | 3.75 | A | 1 7/8 | ½ | - | 5/8 | - | 3/4 | - | 7/8 | | | | | | | | | | 1.7 |
| 1VP44 | 4.15 | A | 1 7/8 | ½ | - | 5/8 | - | 3/4 | | | | | | | | | | | | 2.4 |
| 1VP44 | 4.15 | B | 2 3/16 | | | | | | | 7/8 | - | 1 | - | 1 1/8 | | | | | | 3.0 |
| 1VP50 | 4.75 | A | 2 | ½ | - | 5/8 | - | 3/4 | | | | | | | | | | | | 2.7 |
| 1VP50 | 4.75 | B | 2 5/32 | | | | | | | 7/8 | - | 1 | - | 1 1/8 | | | | | | 3.5 |
| 1VP56 | 5.35 | A | 1 15/16 | ½ | - | 5/8 | - | 3/4 | | | | | | | | | | | | 4.1 |
| 1VP56 | 5.35 | B | 2 5/32 | | | | | | | 7/8 | - | 1 | - | 1 1/8 | | | | | | 4.4 |
| 1VP60 | 6.00 | B | 2 7/32 | | | 5/8 | - | 3/4 | - | 7/8 | - | 1 | - | 1 1/8 | - | | - | 1 3/8 | | 6.3 |
| 1VP62 | 5.95 | B | 1 29/32 | | | 5/8 | - | 3/4 | - | 7/8 | - | 1 | - | 1 1/8 | - | 1 1/4 | - | 1 3/8 | | 6.1 |
| 1VP65 | 6.50 | B | 2 7/32 | | | | - | 3/4 | - | 7/8 | - | | - | 1 1/8 | - | | - | 1 3/8 | | 7.1 |
| 1VP68 | 6.55 | B | 1 29/32 | | | 5/8 | - | 3/4 | - | 7/8 | - | 1 | - | 1 1/8 | - | 1 1/4 | - | 1 3/8 | | 7.3 |
| 1VP71 | 7.10 | B | 2 7/32 | | | | | 3/4 | - | 7/8 | - | | - | 1 1/8 | - | | - | 1 3/8 | | 8.2 |
| 1VP75 | 7.50 | B | 2 7/32 | | | | | 3/4 | - | 7/8 | - | 1 | - | 1 1/8 | - | | - | 1 3/8 | | 9.0 |

Barreno de ½": opresor únicamente, sin cuñero.

# 2VP Poleas de Paso Variable, Doble Ranura, Barrenadas a la Medida




TIPO A




TIPO B

## Dimensiones de Cuñeros Barreno en pulgadas

| Diámetro del Eje | Ancho × Profundidad del Cuñero |
|---|---|
| ½ | NINGUNO |
| ⅝ - ⅞ | 3/16 × 3/32 |
| 15/16 - 1-¼ | ¼ × ⅛ |
| 1 5/16 - 1⅜ | 5/16 × 3/32 |
| 1 7/16 - 1-¾ | ⅜ × 3/16 |

## Dimensiones en pulgadas

| No. de Parte | Diámetros de Paso y Vueltas | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bandas 3L | | | | Bandas A ó 4L | | | | Bandas B ó 5L | | | | Bandas 5V | | | |
| | Datum Mín. | Vueltas Abierta | Datum Máx | Vueltas Abierta | Datum Mín. | Vueltas Abierta | Datum Máx. | Vueltas Abierta | Datum Mín. | Vueltas Abierta | Datum. Máx. | Vueltas Abierta | Datum Min. | Vueltas Abierta | Datum Máx. | Vueltas Abierta |
| 2VP36 | 2.0 | 4 | 2.8 | 0 | 2.1 | 5 | 3.1 | 0 | 2.4 | 5 | 3.2 | 1 | - | - | - | - |
| 2VP42 | 2.6 | 4 | 3.4 | 0 | 2.7 | 5 | 3.7 | 0 | 2.8 | 6 | 3.8 | 1 | - | - | - | - |
| 2VP50 | 3.4 | 4 | 4.2 | 0 | 3.5 | 5 | 4.5 | 0 | 3.6 | 6 | 4.6 | 1 | - | - | - | - |
| 2VP56 | 4.0 | 4 | 4.8 | 0 | 4.1 | 5 | 5.1 | 0 | 4.2 | 6 | 5.2 | 1 | - | - | - | - |
| 2VP60 | - | - | - | - | 4.2 | 5 | 5.2 | 0 | 4.4 | 6 | 5.6 | 0 | - | - | - | - |
| 2VP62 | 4.6 | 4 | 5.4 | 0 | 4.7 | 5 | 5.7 | 0 | 4.8 | 6 | 5.8 | 1 | 5.1 | 6 | 6.1 | 1 |
| 2VP65 | - | - | - | - | 4.7 | 5 | 5.7 | 0 | 4.9 | 6 | 6.1 | 0 | 5.1 | 6 | 6.3 | 0 |
| 2VP68 | 5.2 | 4 | 6.0 | 0 | 5.3 | 5 | 6.3 | 0 | 5.4 | 6 | 6.4 | 1 | 5.7 | 6 | 6.7 | 1 |
| 2VP71 | - | - | - | - | 5.3 | 5 | 6.3 | 0 | 5.5 | 6 | 6.7 | 0 | 5.7 | 6 | 6.9 | 0 |
| 2VP75 | - | - | - | - | 5.7 | 5 | 6.7 | 0 | 5.9 | 6 | 7.1 | 0 | 6.1 | 6 | 7.3 | 0 |

## Dimensiones en pulgadas, peso en libras

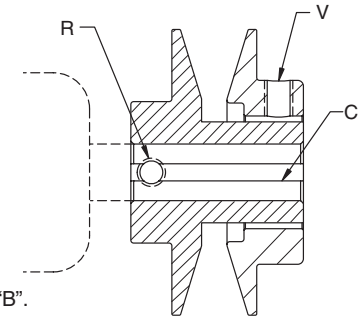
| No. de Parte | DE | Tipo | Largo Total (L) | Barrenos a la Medida en Existencia Incluye Cuñero y Opresor | | | | | | | | | | | | | | |

# Instrucciones para Montaje Poleas de Paso Variable

## Procedimiento de Montaje y Ajuste

### Poleas de Ranura Sencilla con Cuña Externa

No haga funcionar la polea con la brida sobresaliendo más allá del extremo de la maza.



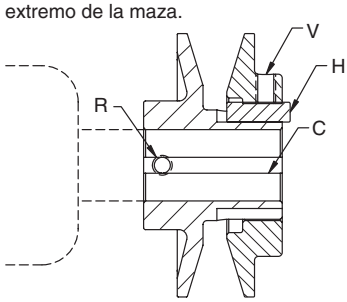

Montaje:
1. Asegúrese que tanto el eje, como el barreno de la polea, la cuña y el cuñero no tengan rebabas ni pintura.
2. Todas las poleas deben ser montadas en el motor o en el eje motriz, con el extremo que tiene el opresor “R” hacia el motor. Asegúrese que el opresor “R” esté bien colocado sobre el eje.
3. Coloque la cuña “C” entre la polea y el eje. Fije el opresor “R” en su posición. El torque para apretarlo debe ser de mínimo 110 lb-pulg y máximo 130 lb-pulg.
4. Compruebe que la polea motriz y la impulsada estén alineadas y que los ejes estén paralelos.
5. La desalineación total, axial y paralela no debe exceder ¼°.

Ajuste:
1. Afloje el opresor “V” colocado en la brida móvil de la polea.
2. Ajuste el diámetro de paso de la polea para obtener la velocidad deseada girando las partes rotatorias en incrementos de media vuelta o de vuelta completa desde la posición cerrada. Para las bandas “A” no abra más de 5 vueltas completas o 6 vueltas completas para las bandas “B”.
3. Apriete el opresor “V” contra la parte plana de la maza con un torque de 110 a 130 lb-pulg.
4. Coloque las bandas y ajuste la tensión. (No fuerce las bandas en las ranuras.)
5. Los ajustes posteriores deberán hacerse aflojando la tensión de la banda e incrementando o disminuyendo el diámetro de paso dando medias vueltas o vueltas completas según sea necesario. Vuelva a ajustar la tensión de la banda antes de arrancar la transmisión.
6. Asegúrese que la cuña esté en su lugar y que todos los opresores estén apretados al torque correcto antes de arrancar la transmisión. Revise los opresores y la tensión de la banda después de 24 horas de operación.

### Procedimiento de Montaje y Ajuste Poleas de Ranura Sencilla sin Cuña Externa

La cuña “H” sobresale a fin de proporcionar un punto de agarre para el desmontaje.

No haga funcionar la polea con la brida sobresaliendo más allá del extremo de la maza.




Montaje:
1. Asegúrese que tanto el eje, como el barreno de la polea, la cuña y el cuñero no tengan rebabas ni pintura.
2. Todas las poleas deben ser montadas en el motor o en el eje motriz, con el extremo que tiene el opresor “R” hacia el motor. Asegúrese que el opresor “R” esté bien colocado sobre el eje.
3. Coloque la cuña “C” entre la polea y el eje. Fije el opresor “R” en su posición. El torque para apretarlo debe ser mínimo 110 lb-pulg y máximo 130 lb-pulg.
4. Asegúrese que la polea motriz y la impulsada estén alineadas y que los ejes estén paralelos.
5. La desalineación total, axial y paralela no debe exceder ¼°.
6. Extraiga la cuña externa “H” (Esta cuña se proyecta ligeramente fuera de la brida para que pueda ser sacada fácilmente).

Ajuste:
1. Afloje el opresor “V” colocado en la brida móvil de la polea y extraiga la cuña externa “H” (Esta
2. cuña se proyecta ligeramente fuera de la brida para que pueda ser sacada fácilmente). Ajuste el diámetro de paso de la polea para obtener la velocidad deseada girando las partes rotatorias en incrementos de media vuelta o de vuelta completa desde la posición cerrada. Para las bandas “A” no abra más de 5 vueltas completas o 6 vueltas completas para las bandas “B”. (Excepto para la polea 1VP34 – 5 vueltas.)
3. Coloque la cuña “H” y apriete el opresor “V” contra la parte plana de la maza con un torque de 110 a 130 lb-pulg.
4. Coloque las bandas y ajuste la tensión. (No fuerce las bandas en las ranuras.)
5. Los ajustes posteriores deberán hacerse aflojando la tensión de la banda e incrementando o disminuyendo el diámetro de paso dando medias vueltas o vueltas completas según sea necesario. Vuelva a ajustar la tensión de la banda antes de arrancar la
6. transmisión. Asegúrese que la cuña esté en su lugar y que todos los opresores estén apretados al torque correcto antes de arrancar la transmisión. Revise los opresores y la tensión de la banda después de 24 horas de operación.

**ADVERTENCIA:** Debido al riesgo de accidentes en personas o en equipos, ocasionados por el uso inadecuado de este producto es importante que se sigan correctamente los procedimientos: Los productos deben usarse de acuerdo con la información de ingeniería especificada en este catálogo. Se deben observar al pie de la letra los procedimientos adecuados de instalación, mantenimiento y operación. Las instrucciones arriba indicadas deben seguirse fielmente. Se deben hacer las inspecciones necesarias para tener la certeza de que el funcionamiento de estas partes sea seguro bajo las condiciones de operación dadas. Todos los productos de Transmisión de Potencia son peligrosos y deben tener guardas de protección de acuerdo a lo establecido en las regulaciones, los reglamentos y normas de seguridad. (Refiérase a la Norma ANSI B15.1.)

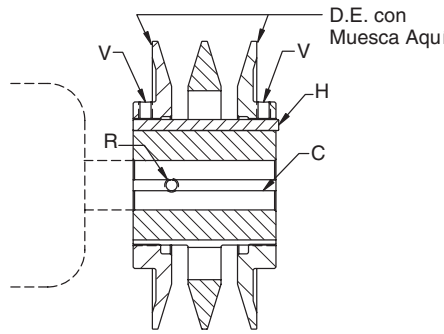
# Instrucciones para Poleas de Paso Variable

## Procedimiento de Montaje y Ajuste

### Poleas de Doble Ranuras con Cuña Externa:

**Montaje:**

1. Asegúrese que tanto el eje, como el barreno de la polea, la cuña y el cuñero no tengan rebabas ni pintura.
2. Retire la cuña "H" de la polea. Desatornille las bridas hasta que quede visible el opresor "R". Si el opresor "R" está en ángulo, es posible que haya que retirar la brida para poder apretarlo.
3. Todas las poleas deben ser montadas en el motor o en el eje motriz, con el extremo que tiene el opresor "R" hacia el motor. Sí el opresor "R" está en ángulo móntelo del lado opuesto al motor.
4. Coloque la cuña "C" entre la polea y el eje. Fije el opresor "R" en su posición. El torque para apretarlo debe ser de 110 lb-pulg como mínimo y de 130 lb-pulg como máximo. Vuelva a colocar la brida externa.
5. Compruebe que la brida central tanto de la polea motriz como de la impulsada estén alineadas y que los ejes estén paralelos.
6. La desalineación total, axial y paralela no debe exceder ¼°.




La cuña "H" sobresale a fin de proporcionar un punto de agarre para el desmontaje.

No haga funcionar la polea con la brida sobresaliendo más allá del extremo de la maza.

**Ajuste:**

Cada Brida en las poleas tiene una pequeña muesca en el diámetro exterior. Esta marca está localizada directamente sobre el cuñero de las dos bridas ajustables y sobre uno de los cuñeros de la brida no ajustable (brida central). Para hacer los ajustes correctos:

1. Afloje los opresores "V" de las bridas móviles y extraiga la cuña "H". (Esta cuña se proyecta ligeramente fuera de la brida para que pueda ser sacada fácilmente).
2. Gire las bridas móviles hacia adentro hasta que toquen la brida central.
3. Localice la muesca sobre el cuñero de la brida central.
4. Abra cada brida móvil hasta que su muesca quede adyacente a la muesca de la brida central. Cerciórese de que ninguna de las bridas móviles esté abierta más de una vuelta completa.
5. De la posición lograda en el punto 4, abra cada brida móvil el mismo número de vueltas completas o de medias vueltas, hasta obtener el número de vueltas requeridas. Para las bandas "A" no abra más de 5 vueltas completas o 6 vueltas completas para las bandas "B" (excepto para la polea 2VP36 – 5 vueltas).
6. Coloque la cuña "H" y apriete los opresores "V" con un torque de 110 a 130 lb-pulg.
7. Coloque las bandas y ajuste la tensión. (No fuerce las bandas en la bridas.)
8. Los ajustes posteriores deberán hacerse aflojando la tensión de la banda e incrementando o disminuyendo el diámetro de paso dando medias vueltas o vueltas completas según sea necesario. Vuelva a ajustar la tensión de la banda antes de arrancar la transmisión.
9. Las poleas de dos ranuras deben tener las dos mitades ajustadas al mismo número de vueltas desde la posición establecida en el punto 4. Esto asegurará el mismo diámetro de paso.
10. Asegúrese que la cuña esté en su lugar y que todos los opresores estén apretados al torque correcto antes de arrancar la transmisión. Revise los opresores y la tensión de la banda después de 24 horas de operación.

**ADVERTENCIA:** Debido al riesgo de accidentes en personas o en equipos, ocasionados por el uso inadecuado de este producto es importante que se sigan correctamente los procedimientos: Los productos deben usarse de acuerdo con la información de ingeniería especificada en este catálogo. Se deben observar al pie de la letra los procedimientos adecuados de instalación, mantenimiento y operación. Las instrucciones arriba indicadas deben seguirse fielmente. Se deben hacer las inspecciones necesarias para tener la certeza de que el funcionamiento de estas partes sea seguro bajo las condiciones de operación dadas. Todos los productos de Transmisión de Potencia son peligrosos y deben tener guardas de protección de acuerdo a lo establecido en las regulaciones, los reglamentos y normas de seguridad. (Refiérase a la Norma ANSI B15.1.)