



WHEN SIZING FIXED ORIFICE UNITS CERTAIN TECHNICAL INFORMATION IS REQUIRED THE FOLLOWING TWO PAGES ARE COPIES OF THE CHECKLIST FORMS USED TO SIZE YOUR APPLICATION. ACTUAL WORKING FORMS ARE AVAILABLE FROM YOUR LOCAL DISTRIBUTOR OR THE FACTORY.

address here

CRANE SHOCK ABSORBER APPLICATION CHECK LIST

GENERAL INFORMATION section with fields for Date, Customer, Representative, Person To Contact, and Phone.

TECHNICAL INFORMATION

To recommend a shock absorber, certain facts are needed regardless of whether the unit is standard or special. Even the standard unit will have the inside metering device tailor-made to suit the application.

SECTION A:

- 1. How many shock absorbers will share the load? Bridge Trolley
2. Frequency of operation? Time per (minute) (hour) (day) (week)
3. Ambient temperature? Min. to max., degrees F
4. State preferred mounting for shock absorber: front flange rear flange

SECTION B:

- 1. Weight of moving load: Bridge LB. Trolley LB. Does Trolley move on bridge? Max Load LB Is load free swinging?
2. Total number bridge wheels Number bridge wheels driving Number trolley wheels driving
3. At point of contact with shock absorber a. Bridge max. velocity feet per minute b. Trolley max. velocity feet per minute
4. Rate of deceleration and stopping time are dependent upon the velocity of the load at the point of impact and the stopping distance. If critical, state maximum G value during stop: G's, or stroke inches * Is crane manned?
5. If Bridge or Trolley Drive is other than steel wheels on steel rails describe
5A. Motor Hp RPM Frame Number WK2 LB-FT2 Stall Torque capacity %
6. Runway slope or grade Horizontal Incline up % Grade to Horizontal Incline down % Grade to Horizontal
7. Bumper specifications Must meet 1969 A.I.S.E. Specification No. 6 Must meet 1979 O.S.H.A. Specification Par. 1910-179 Must meet 1971 C.M.A.A. Specification #70