

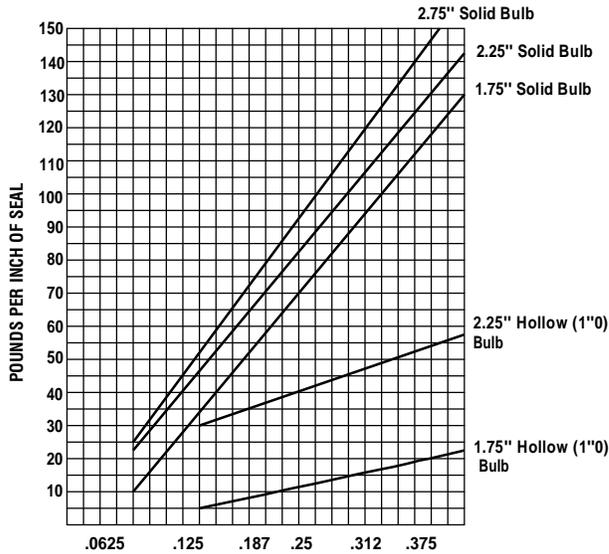
COEFFICIENT OF FRICTION

1. Rubber seals contacting to metal sealing surfaces. Coefficient of friction ranges from .65 to 1.5. Hanna Rubber suggests that a coefficient 1.0 be used.
2. Steel and brass-clad seals contacting to metal sealing surfaces. Coefficient of friction ranges from .30 to .65. Hanna Rubber suggests that a coefficient of .35 to .45 be used.

COMPRESSION AND DEFLECTION DATA

The following chart will serve as a guide for calculation of approximate loads required to compress the bulb portion of "J" seals in contemplated installations.

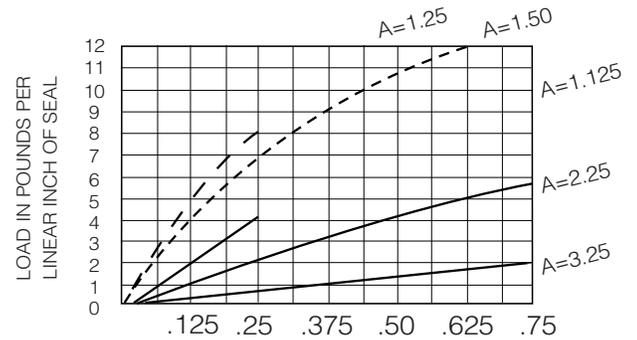
These values should be used as approximations because temperature, effect of aging, and repeated compressive cycles of the rubber will influence the results.



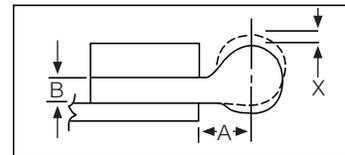
COMPRESSION

The information contained here is based upon tests believed to be reliable. However, we do not guarantee the results.

DEFLECTION



Deflection (X) In Inches



B = SOLID LINE = .562"

B = BROKEN LINE = .75"

B = DOTTED LINE = 1"

LOAD REQUIRED ON A J-SEAL TO PRODUCE A GIVEN AMOUNT OF DEFLECTION.