

SELECTION OF A DIAPHRAGM SEAL

The following attributes of an application should be considered by the user for each application of a diaphragm seal.

1. MOUNTING

- (a) attached to side of pipe or vessel
- (b) in-line

2. MOUNTING STYLE

- (a) Threaded
- (b) Flange
- (c) Welded
- (d) Saddle

3. PROCESS CONNECTION

- (a) Thread (e.g., 1/2" NPT) _____
- (b) Flange size and rating (i.e., ANSI B16.5 1 1/2" 150#) _____
- (c) Weld size and configuration (i.e., 1" socket weld) _____
- (d) Saddle, pipe size (i.e., 3") _____

4. MATERIALS

PARTS IN CONTACT WITH THE PROCESS FLUID

- (a) Diaphragm _____
- (b) Lower housing _____
- (c) Mid-housing (if applicable) _____
- (d) Gaskets _____

PARTS NOT IN CONTACT WITH PROCESS FLUID

- (a) Upper housing _____
- (b) Bolts and nuts _____
- (c) Reinforcing rings _____
- (d) Seals with a filled system _____
- (e) Fill/bleed screw _____

5. INSTRUMENT CONNECTION

- (a) Size (e.g., 1/2" NPT female) _____
- (b) Direct or remote _____

6. FILL LIQUIDS

- (a) glycerine 0/400f
- (b) silicone -40/600f
- (c) halocarbon -70/300f
- (d) syltherm -40/750f