

Flush type flanged diaphragm seal model DF ASME

according to ASME B16.5



FEATURES

- *All-welded design*
- *Variety of wetted parts materials, special materials cover the sealing surface too*
- *Filling port in the instrument connection*
- *Suitable for pressure gauges, switches and transmitters*
- *Continuous duty design*
- *Minimized fill volume*

APPLICATIONS

- *Corrosive processes*
- *Controlling fugitive emissions*
- *Elevated process temperatures*
- *Suspended solids in the process*
- *Limited space*
- *Where flush connections are preferred*

CONSTRUCTION

The DF Type allows a flush installation on pipe, tank or vessel applications. All of the combinations afford instrument protection from corrosives, heat and clogging issues associated with viscous media or solids.

SPECIFICATIONS

Maximum Pressure Rating

150 lbs, 300 lbs, 600 lbs, 900 lbs, 1500 lbs, 2500 lbs, others on request

Flange Material

Stainless Steel 1.4404 (316L)

Diaphragm Materials

Stainless Steel 1.4435 (316L), Hastelloy C-276, Tantalum, Monel 400, PTFE (Teflon) or ECTFA (Halar) coating or Gold plating, others on request

Instrument Connection Material

Stainless Steel 1.4404 (316L)

Instrument Connection Sizes

G ¼, G ½ female, ¼ NPT, ½ NPT female, Port for direct welded instruments or capillary line

Process Connections

1", 1 ½", 2", 3", 4" according to ASME B16.5 Form RF or RTJ, others on request

Accuracy (typical)

Seal will add 0,5 % to the stated full scale accuracy of the instrument attached.

Standard Fill Medias

Silicone
Halocarbon
Syltherm
FDA approved white oil, silicone free
*Others available upon request

ATEX

Conformity according to RL 2014/34/EU appendix X for mechanical equipment in potential hazardous areas:

Optional, marking

CE 0044 Ex II 2 GD c II TX

File no. 35101282 at notified body 0044, TÜV NORD CERT

The temperature class will be determined by the used measuring device.

OPTIONS

- DU - Welded instrument connection
- MQ - PMI-test
- 6B - Cleaned for Oxygen service
- C3 - Material certificate EN 10204 3.1
- CD5 - NACE certificate

ACCESSORIES

Flushing ring, capillary line, cooling tower

