

# MODEL - DSFR

## FLUSHING RINGS Diaphragm Seal Accessories



### APPLICATION

- Flush rings are used for diaphragm seals in order to prevent clogging of the instrument connection.
- The flush ring is mounted between the process flange and the diaphragm seal.

### SPECIAL FEATURES

- The material collecting in front of the diaphragm can be flushed out through the lateral flushing boreholes.
- The pressure chamber can be vented by means of these rings.
- Various nominal widths and forms allow adaption to the respective process flange.

### STANDARD FEATURES

- The flushing ports allow the washing out of particles accumulated in front of the membrane.
- The pressure chamber can be vented or drained or filled with a cleaning liquid and subsequently flushed, depending on the requirement.
- Various nominal widths and forms allow adaption to the respective process flange. See Optional Features.
- Standard flushing connection: 1/2 NPT female
- Sealing face:
  - Acc. to EN 1092-1 Form B1
  - Acc. to ASME B 16.5 RF
- Materials: 316/316L/1.4401/1.4404, quadruple certified

### OPTIONAL FEATURES

Flushing connection with different female threads:

G 1/2, G 1/4, 1/4 NPT

- Pipe plugs and various valves
- Other sealing faces, e.g. groove, tongue, RTJ
- Exotic Alloys, e.g. Duplex, Alloy C-276, Alloy 625
- Flush rings for sour gas service are available in accordance with NACE MR0175/ MR0103 and ISO 15156 by default.
- Special cleaning
- Inspection certificate 3.1 acc. to EN 10 204

-1 or 2 vent / flushing connections

- Adapting of nominal pipe size (NPS)

- Allows disassembly of diaphragm seal without removing the flush ring

Typical assembly



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