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