



Diaphragm seal - TR15/16/17/18

Sheet No.: 1-615 GB

Flange Ø165, DN50, PN40

- AISI316 flange
- AISI316, Raised face
- *Options*
- Raised face PTFE coated
- Other materials on request
- Diaphragm in different materials

Application

The flange diaphragm seal is well suited for many different applications in Marine and heavy duty industries. Where aggressive and viscous medias are present in the process.

| TYPE | | MEASURING RANGE | | |
|----------------|--|--------------------|----------------------------------|------------------------------------|
| Datasheet | Instrument | Type | Min. span | Max. pressure |
| 1-600 2-600 | Pressure gauge Pressure transmitter | A32/38 P1232/37 | 1 bar, 15 psi 0,25 bar, 4 psi | 40 bar, 580 psi 40 bar, 580 psi |

| DIAPHRAGM SEAL | TR | .. | .. |
|---|----|----------------------|----------------------------|
| Wetted parts (flange/raised face) | | | |
| Steel AISI316/AISI316 AISI316/AISI316 PTFE coated AISI316/Hastelloy C | | 15 16 17 18 | |
| Diaphragm | | | |
| PTFE EPDM VITON AISI316 Hastelloy C22 | | | 01 02 03 04 07 |
| Example: Diaphragm seal with wetted parts in AISI316 and diaphragm in AISI316: TR1504 | | | |

| TRANSMISSION LIQUID | | | |
|---------------------|-----------------|------------------------------|----------------|
| Application | Liquid type | Temp. range | Span |
| Standard | Glycerine 90/10 | -5/+130 °C (+23/+266 °F) | All |
| Low temperature | Glycerine 75/25 | -40/+100 °C (-40/+212 °F) | All |
| High temperature | Glycerine | +5/+200 °C (+41/+392 °F) | ≥4 bar, 60 psi |