



## In-line chemical seal RD 80

**Part no. 31355**

**In-line chemical seal RD 80 intermediate flange version**

### benefits

- easy intermediate flange installation in the pipe
- various nominal sizes
- various nominal pressures
- Special materials (option)

### Application

For use with Bourdon tube pressure gauges, pressure transducers or pressure switches. For flowing, corrosive and highly viscous media, for direct installation in pipes.

### Technical Specifications

#### Process connection/tubus

Stainless steel 316 L  
intermediate flange version for flanges as per EN 1092-1 type B 2

#### diaphragm

Stainless steel 316 L, welded to body, no dead space

#### Instrument connection

Stainless steel 316 L  
G $\frac{1}{2}$  female thread

### Options

- coatings
- Cooling element (> 100 °C)
- Capillary tube
- other filling liquids

#### pressure transmission liquid

Paraffin oil (FM 09)

#### pressure range

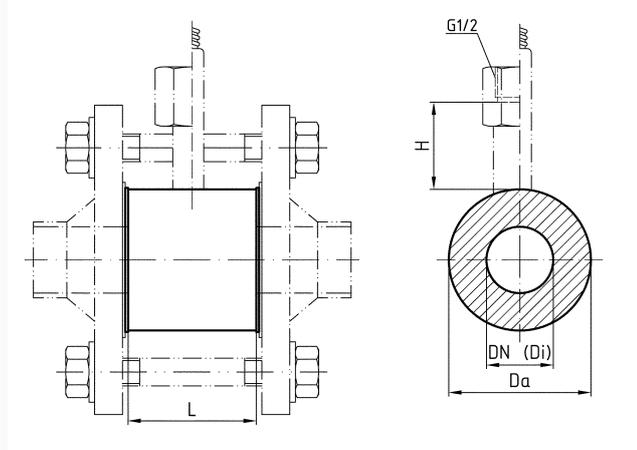
see overview of versions

#### Nominal pressure

PN 4-400

**Technical Drawings**

**intermediate flange version for flanges as per EN 1092-1 type B 2**



| DN | Di   | PN    | Da  | L   | H  |
|----|------|-------|-----|-----|----|
| 25 | 28,5 | 4-400 | 68  | 100 | 29 |
| 40 | 43,1 | 4-400 | 88  | 100 | 29 |
| 50 | 54,5 | 4-400 | 100 | 100 | 29 |
| 65 | 70,3 | 4-400 | 120 | 100 | 29 |
| 80 | 82,5 | 4-400 | 138 | 60  | 29 |

**Versions**

| Process connection  | Nominal diameter | Instrument connection | Nominal pressure | minimum range* (in bar) at nominal size |         |     |         | Part no. |
|---|------------------|-----------------------|------------------|---|---------|-----|---------|----------|
|   |                  |                       |                  | 63                                      | 100     | 160 | DMU     |          |
| intermediate flange version for flanges as per EN 1092-1 type B 2 | DN 25            | G½ female thread      | PN 4-400         | 1.6 bar                                 | 2.5 bar |     | 1.6 bar | ● 31355  |

- in-stock items
- Non-stock items