



## In-line chemical seal RD 80

**Part no. 31361**

**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 according to ASME B 16.5

#### diaphragm

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

#### Instrument connection

Stainless steel 316 L  
G½ female thread

#### pressure transmission liquid

Paraffin oil (FM 09)

#### pressure range

see overview of versions

#### Nominal pressure

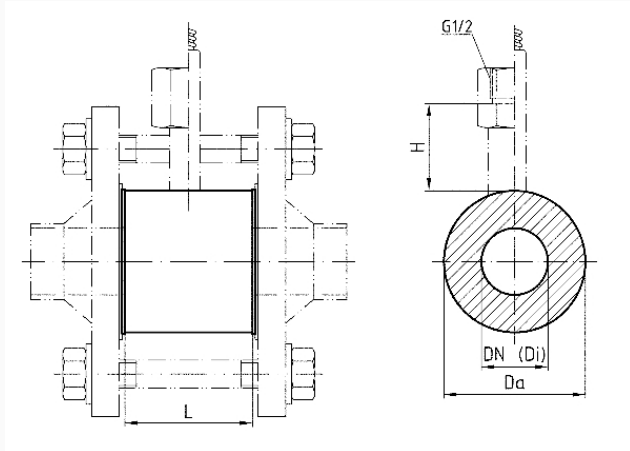
CL 150-6.000

### Options

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

## Technical Drawings

intermediate flange version for flanges according to AS-ME B 16.5



| DN  | Di    | CL        | Da    | L   | H  |
|-----|-------|-----------|-------|-----|----|
| 1"  | 28,5  | 150-6.000 | 50    | 100 | 29 |
| 1½" | 43,1  | 150-6.000 | 73,2  | 100 | 29 |
| 2"  | 54,5  | 150-6.000 | 91,9  | 100 | 29 |
| 3"  | 82,5  | 150-6.000 | 127   | 60  | 29 |
| 4"  | 107,1 | 150-6.000 | 157,2 | 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 according to AS-ME B 16.5 | DN 1½"           | G½ female thread      | CL 150-6.000     | 1.6 bar                                 | 2.5 bar | 4 bar | 1.6 bar | 31361    |

● in-stock items

● Non-stock items