



## Diaphragm seal MD 30

**Part no. 31332W**

**Diaphragm seals standard version with threaded connection**

### benefits

- can be disassembled and cleaned
- Applications up to 250 bar
- welded diaphragm
- many process connections available

### Application

For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For corrosive, viscous, polluted or hot media.

### Technical Specifications

#### Process connection/lower body

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

#### diaphragm

Stainless steel 316 L

#### Seal

FKM (Viton)

#### Instrument connection

Stainless steel 316 L  
Welded connection

#### retaining flanges

Stainless steel 316 L

#### Spacer ring

PN 250

#### screws and nuts

Stainless steel 304

#### pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

#### pressure range

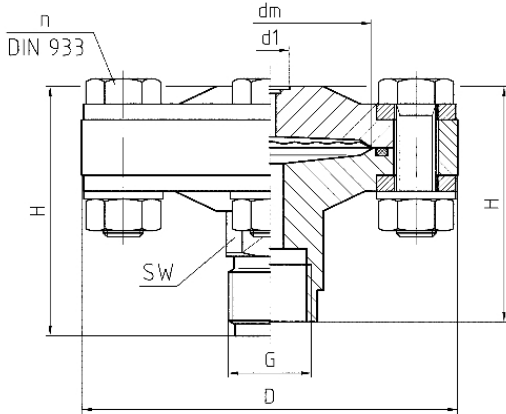
see overview of versions

#### Nominal pressure

PN 250

## Technical Drawings

**Type MD 30**



| G       | d1 | PN  | dm | D  | H  | n     | SW |
|---------|----|-----|----|----|----|-------|----|
| G½      | 10 | 25  | 36 | 95 | 60 | 4xM10 | 22 |
| G½B     | 10 | 25  | 36 | 95 | 63 | 4xM10 | 22 |
| ½-14NPT | 10 | 25  | 36 | 95 | 63 | 4xM10 | 22 |
| G½      | 10 | 100 | 36 | 95 | 60 | 4xM10 | 22 |
| G½B     | 10 | 100 | 36 | 95 | 63 | 4xM10 | 22 |
| ½-14NPT | 10 | 100 | 36 | 95 | 63 | 4xM10 | 22 |
| G½      | 10 | 250 | 56 | 95 | 56 | 8xM10 | 22 |
| G½B     | 10 | 250 | 56 | 95 | 79 | 8xM10 | 22 |
| ½-14NPT | 10 | 250 | 56 | 95 | 76 | 8xM10 | 22 |

## Versions

| Process connection | standard | Instrument connection | Nominal pressure | minimum range* (in bar) at nominal size |         |         |         |              | Part no. |
|--------------------|----------|-----------------------|------------------|-----------------------------------------|---------|---------|---------|--------------|----------|
|                    |          |                       |                  | 63                                      | 100     | 160     | DMU     | DMU 13 Vario |          |
| G½B                |          | Welded connection     | PN 250           | 0.6 bar                                 | 0.6 bar | 0.6 bar | 0.6 bar | 0.6 bar      | 31332W   |

● in-stock items

● Non-stock items