Diaphragm seals MD 40 for the paper and pulp industries



- Special flange connection for the pulp and paper industries
- Compact design
- Can be welded directly to the pressure gauge
- Various tubus lengths available





Application For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For corrosive, highly viscous, polluted or hardening media. Typical application areas:

- Paper industry
- Pulp industry
- Lacquer industry

Technical Process connection/tubus specifications

Stainless steel 316 L, DN 48 Loose retaining flange Stainless steel 304

Diaphragm

Stainless steel 316 L

Seal

NBR (Perbunan)

Instrument connection

Stainless steel 316 L Welded connection



Options Process connection/tubus

- Extended tubus 18 mm
- (also suitable for O ring seal)
- Special materials
- Silicone-free version

Diaphragm

Special materials

Pressure transmission liquid Paraffin oil (FM 09), FDA-listed

Pressure ranges See price list section

Nominal pressure PN 40

Scope of delivery

- Diaphragm seal
- Screws M6 x 20 (galvanised steel)
- Seal (NBR) 59 x 48 x 2 mm

Instrument connection

- Adapter for instrument connection G¼B/G½B
- Cooling element (> 100 °C)
- Capillary tube

Other

Other filling liquids





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Diaphragm seals MD 30/40

DG: M, PG: 3

	MD 30 standard version							
	Nominal pressure	Process connection	Minimum range* (in bar) at nominal size			* size	Part no.	Price €
			63	100	160	DMU		
	PN 25	Stainless steel 316 L, G½B	0.6	0.6	0.6	0.6	31417W	
	PN 100	Stainless steel 316 L, G½B	0.6	0.6	0.6	0.6	31331W	
	PN 250	Stainless steel 316 L, G1⁄2B	0.6	0.6	0.6	0.6	31332W	
	Extra charges							
	Process connection G1/2B, PFA-coated							
	Process connection 1/2-14 NPT							
	Process connection 1/2-14 NPT, PFA-coated							
	Process connection G½ female thread							
	MD 40 version for the paper and pulp industries							
	Instrument connection stainless steel 316 L, welded connection							



Process connection stainless steel 316 L, DN 48, PN 40 (including seal and screws) Retaining flange stainless steel 304, ranges 0/1.6 to 0/40 bar* Price € Part no. Direct connection 31347W Spare parts/accessories 6 screws M6 x 20 31418 Spare seal, Perbunan 59 x 48 x 2 31419

Valid for standard pressure transmission liquid with direct mounting (without capillary tube) and a room temperature and a temperature of the medium of 20 °C.
** Without spacer ring.



Blue part no. = in-stock items