

Compact Diaphragm Seals Fully Welded Model: MDD2

Applications

- Level measurement . For aggressive, corrosive or toxic media
- Rugged design for direct mounting
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction

Special features

- All welded diaphragm seals
- All stainless steel 316L
- Large selection of process connections and materials
- Large selection of process pressure

Description

- | | |
|--|---|
| ■ body material | Stainless steel 304, Stainless steel 316L
Hastelloy, Monel, Tantalum(option) |
| ■ Diaphragm material | Stainless steel 316L, Hastelloy, Monel
PVC, PVDF, PP, Tantalum(option) |
| ■ Process connection | Stainless steel 316L
1/4 NPT, 1/2 NPT, BSP (option) |
| ■ Silicon oil | Suitable for -40 ... 345°C |
| ■ Diaphragm diameter | 30mm for high pressure, 35mm for medium pressure, 52mm for low pressure |
| ■ Max. process pressure at 20°C | 6000 psi |
| ■ Process connection | 1/4", 1/2", 3/4", 1", female NPT or BSP
1/2 male NPT or BSP |
| ■ Capillary | Stainless steel 316 |
| ■ Armour | Stainless steel 304, Stainless steel 316
PTFE, PVC, Silicone (option) |





MDD2 Diaphragm Seals

ORDERING CODE	Example:	MDD2	4	N	2	L	S	P	OT	NOTE
Process Connection Size										
2 - ¼										
4 - ½			4							
6 - ¾										
8 - 1"										
C - Customer										
Process Connection Type										
N - Male NPT				N						
G - Male G										
E - Female										
C - Customer										
Instrument Connection										
2 - ¼ Female NPT					2					
4 - ½ Female NPT										
6 - ¼ Female G										
8 - ½ Female G										
10 - ¼ Welded										
12 - ½ Welded										
P - Capillary (consult for material, Length and armour)										
C - Custom										
Process Pressure										
L - Low pressure (1 to 60 bar)						L				
M - Medium pressure (6 to 60 bar)										
H - High pressure (100 to 400 bar)										
Body Material										
S - 316L Stainless steel							S			
M - Monel® 400										
H - Hastelloy										
T - Titanium										
L - Tantalum										
I - Inconel 600										
P - PTFE coated (max. temp 200°C and 1500 PSI)										
F - PTFE coated (max. temp 300°C and 1500 PSI)										
O - Silver										
G - Gold										
C - Customer										
Sealing Ring Embedded										
P - PTFE for max. temp 200°C								P		
G - Graphite for max. temp 345°C										
Options										
FF - Filing fluids covering from -100 ... 400										
OT - Helium leak test									OT	
OC - Calibration test certificate										
OM - Material test certificate										
NS - According to NACE MR 0175 & NACE MR 0103 standard										
NH - Stainless steel tag wired to case										
WA - One year warranty										
Other										





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