

FEATURES

- Saddle type flange
- Laser welded diaphragm
- Optional exotic materials

APPLICATION

- Separation systems
- Isolation applications
- Viscous & corrosive media
- High-pressure applications
- High vibration application

Saddle Mounting

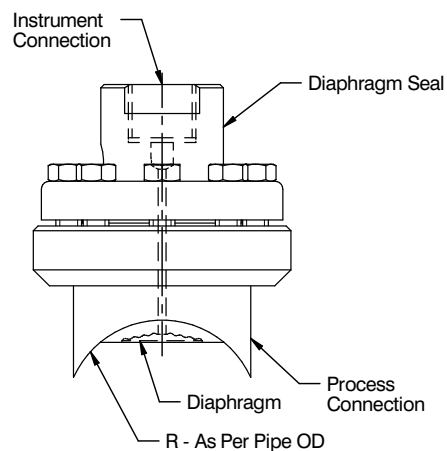


STANDARD SPECIFICATIONS

Range type	: -1...0 bar & 0...100bar
Top chamber material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Gaskets	: PTFE
Saddle Flange material	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 2.5" pipe (Saddle)
Assembly	: Direct
Capillary	: Optional
Armour	: Optional
Remote mounting length	: Optional

DIMENSIONAL DRAWING

Type S50



All dimensions are in mm.

ORDERING CODES

1. RANGE TYPE		S50	8. PROCESS CONNECTION		25
S50	-1...0 bar & -1...100bar		25	2.5" pipe	
2. CHAMBER MATERIAL		LC	03	3.0" pipe	
LC	AISI 304 SS		04	4.0" pipe	
LF	AISI 316 SS		05	5.0" pipe	
LG	AISI 316L SS		06	6.0" pipe	
3. DIAPHRAGM MATERIAL		DG	08	8.0" pipe	
DG	AISI 316L SS		10	10" pipe	
DM	Monel 400		12	12" pipe	
DO	Hastelloy C-276		14	14" pipe	
DQ	Inconel 600		9. ASSEMBLY		B8
DV	Titanium		B8	Direct	
DW	Tantalum		B9	Remote (capillary)	
4. GASKETS		RP	10. CAPILLARY		XX
RP	PTFE		OU	AISI 304 SS	
RM	Metal	11. ARMOUR		OX	
5. SADDLE FLANGE MATERIAL		NF	OY		AISI 316 SS
NC	AISI 304 SS		OZ		PVC (Ambient max. 60°C)
NF	AISI 316 SS	12. REMOTE MOUNTING LENGTH		XXXX	
6. INSTRUMENT CONNECTION		04N	XXXX		2000 mm up to 6000 mm
03B	3/8" BSP (F)		13. OTHER OPTIONS		XX
04N	1/2" NPT (F)		XZ	Dry seal	
02B	1/4" BSP (F)		HL	Helium leak test	
04B	1/2" BSP (F)		TM	Material test certificate 2.2	
02N	1/4" NPT (F)	TC	Material test certificate 3.1		
7. SEALING FLUID		OA			
OA	Silicon DC 200 [-40°C to 205°C]				
OF	Food grade oil [-20°C to 140°C]				
OG	Glycerine [10°C to 150°C]				
OI	Syltherm 800 [-40°C to 315°C]				
OL	Silicon DC 710 [7°C to 371°C]				

Ordering Example : **D403-S50-LC-DG-RP-NF-04N-OA-25-B8**

NOTES:

- Other sealing liquids are available, contact factory for further details.
- All metal diaphragms are laser welded to the Top Chamber.