

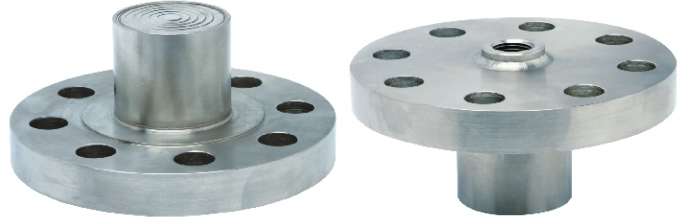
FEATURES

- Extended neck design
- Laser welded diaphragm
- Optional exotic materials

APPLICATION

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

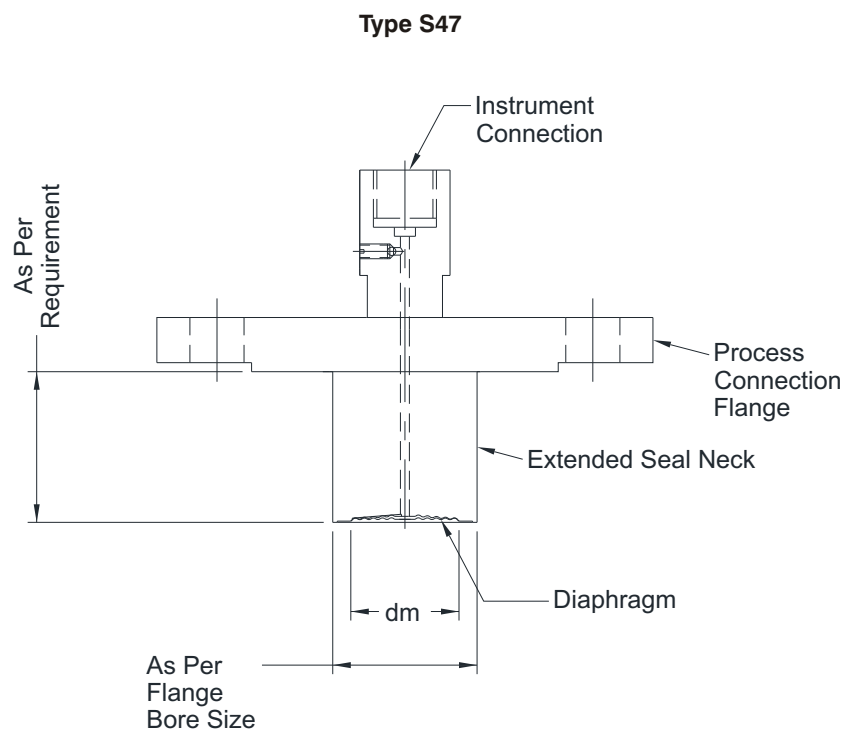
Extended Neck



STANDARD SPECIFICATIONS

Range type	: -1...0 bar to 0...250 bar
Chamber / Flange material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: Flange as per ANSI B16.5 / EN1092-1 / JIS B 2210
Flange facing type	: Raised face
Neck extension	: 50...300 mm
Assembly	: Direct

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. RANGE TYPE		S47	8. PROTECTION ON WETTED PARTS		XX
S47	-1...250 bar		PA	PTFE coating on flange	
			PC	PTFE coating on diaphragm	
2. CHAMBER / FLANGE MATERIAL		LF	9. NECK EXTENSION		100
LF	AISI 316 SS		XXX	50mm up to 200 mm	
LG	AISI 316L SS				
LM	Monel 400		10. ASSEMBLY		B8
LO	Hastelloy C-276		B8	Direct	
LU	AISI 316L SS, UREA GRADE		B9	Remote (capillary)	
3. DIAPHRAGM MATERIAL		DG	11. CAPILLARY		XX
DG	AISI 316L SS		OU	AISI 304 SS	
DM	Monel 400		OV	AISI 316 SS	
DO	Hastelloy C-276		12. ARMOUR		XX
DU	AISI 316L SS, UREA GRADE		OX	AISI 304 SS	
4. INSTRUMENT CONNECTION		04N	OY	AISI 316 SS	
03B	3/8" BSP (F)		OZ	PVC (Ambient max. 60°C)	
04N	1/2" NPT (F)		13. REMOTE MOUNTING LENGTH		XXXX
02B	1/4" BSP (F)		XXXX	1000 mm up to 4000 mm	
04B	1/2" BSP (F)		14. OTHER OPTIONS		XX
02N	1/4" NPT (F)		XZ	Dry seal	
5. SEALING FLUID		0A	HL	Helium leak test	
OA	Silicon DC 200 [-40°C to 205°C]		TM	Material test certificate 2.2	
OF	Food grade oil [-20°C to 140°C]		TC	Material test certificate 3.1	
OG	Glycerine [10°C to 150°C]				
OI	Syltherm 800 [-40°C to 315°C]				
OL	Silicon DC 710 [7°C to 371°C]				
6. PROCESS CONNECTION		A25			
XXX	Refer Flange Table for the codes				
7. FLANGE FACING		R			
F	Flat Face				
J	Ring-Type Joint				
R	Raised Face				
T	Tongue and Groove (T&G)				

Ordering Example : D204-S47-LF-DG-04N-OA-A25-R-XX-100-B8

NOTES:

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