

## 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

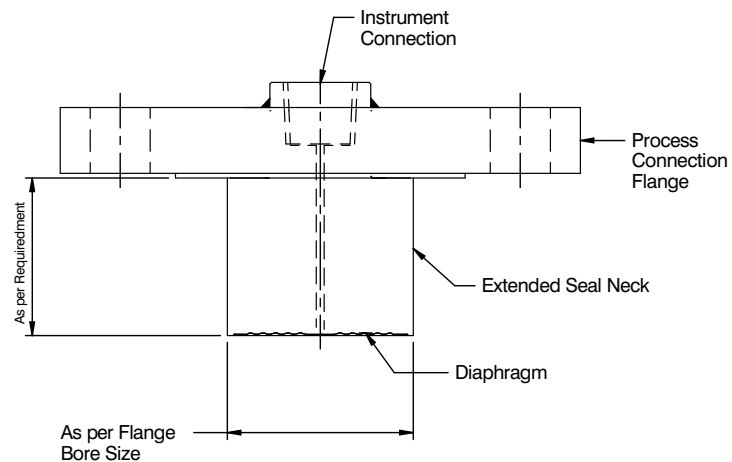


### STANDARD SPECIFICATIONS

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)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 1 1/2" 150# as per ANSI B16.5
Flange facing type	: Raised face
Protection on wetted parts	: Optional
Neck extension	: 100 mm
Assembly	: Direct
Capillary	: Optional
Armour	: Optional
Remote mounting length	: Optional

### DIMENSIONAL DRAWING

#### Type S47



All dimensions are in mm.

## ORDERING CODES

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