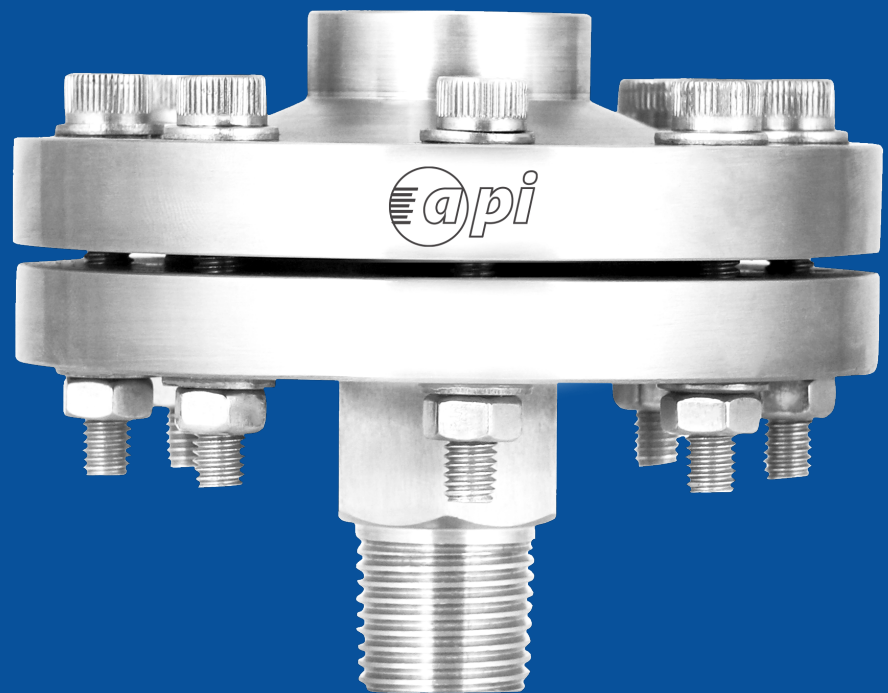


DIRECT COUPLED THREADED SEAL

MODEL
X6.01



PRODUCT DESCRIPTION

In diaphragm seal systems, the diaphragm of the diaphragm seal effects the separation of the instrument and the medium. The pressure is transmitted to the measuring instrument via the pressure transmission medium which is inside the diaphragm seal system. Threaded diaphragm seals are designed to mount direct on threaded process connection. These seals are connected through threaded and flexible capillaries to be used with gauges in switches and transmitters.



DIRECT COUPLED THREADED SEAL

MODEL X6.01

KEY FEATURES

- Robust Two Piece Design
- Diaphragm is welded to top flange to ensure separation of filling fluid & process fluid
- All SS construction

APPLICATION

- Separation systems
- Isolation Applications
- Viscous & corrosive media
- High-pressure / vibration areas.

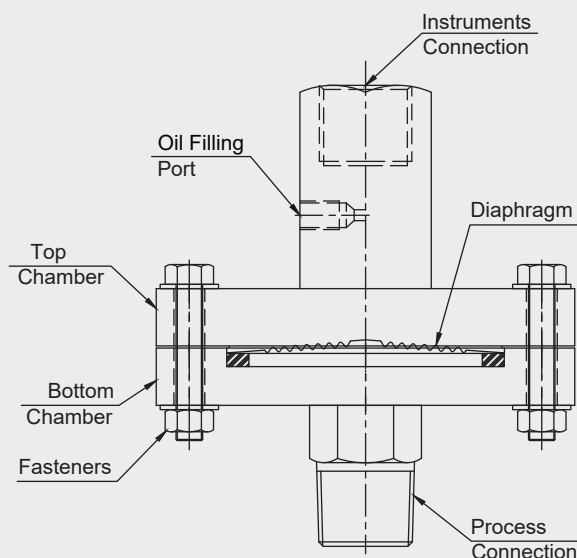
SPECIFICATIONS

Mounting	:	Direct
Instrument Connection	:	½" BSP (F)
Process Connection	:	½" BSP (M)
Sealing Fluids	:	Silicon DC 200
Range	:	As per customer requirement
Process temperature	:	-40...205 °C

MATERIAL OF CONSTRUCTION

Top chamber	:	SS 304 / SS 316
Bottom chamber	:	SS 316
Wetted part &	:	SS 316 / SS 316L / Monel / Hast Diaphragm C-276 / Tantalum Titanium / Inconel
Sealing Gasket	:	PTFE
Nuts & Bolts	:	SS 304

DIMENSIONAL DRAWINGS



Important Notes: Above drawings are not to scale. All Dimension are in mm

DIRECT COUPLED THREADED SEAL

MODEL X6.01

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	X6.01	XXX	IT	FV	S4	SL	PT	S6	L1	14NF
Model Direct Coupled Threaded Seal	X6.01	X6.01									
Range As per customer requirement	XXX		XXX								
Assembly Integral Type	IT			IT							
Capillary Type	CT										
Version Machined	MV										
Forged	FV				FV						
Top Chamber SS 304	S4					S4					
SS 316	S6										
SS 316L	SL										
Diaphragm SS 316L	SL						SL				
Monel 400	M4										
Hast C-276	HC										
Inconel 625	I5										
Inconel 825	I2										
Duplex SS 2205	DU										
Titanium	TI										
Tantalum	TA										
Sealing Gasket PTFE	PT							PT			
Bottom Chamber ASTM A105	AA										
SS 304	S4										
SS 316	S6								S6		
SS 316L	SL										
SS 316 / SS 316L	DC										
Monel 400	M4										
Hast C-276	HC										
Inconel 625	I5										
Inconel 825	I2										
Duplex SS 2205	DU										
Titanium	TI										
Tantalum	TA										
Filling Fluid Silicon DC200 (-45° to 205°C)	L1									L1	
Silicon DC704 (10° to 337°C)	L2										
Silicon DC710 (-40° to 371°C)	L3										
Food Grade Oil (-20° to 140°C)	L4										
Syltherm 800 (-40° to 315°C)	L5										
Syltherm XLT (-100° to 260°C)	L6										
Halocarbon Oil	L7										
Flurolube 4.2 (-45° to 175°C)	L8										
Flurolube 6.3 (-40° to 235°C)	L9										
Flurolube FS-5 (-28° to 148°C)	L10										
Instrument Connection ¼" NPT (F)	14NF										14NF
¼" BSP (F)	14BF										
½" NPT (F)	12NF										
½" BSP (F)	12BF										

DIRECT COUPLED THREADED SEAL

MODEL
X6.01

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	12NM	S4	S6	XXX	X17
Process Connection						
½" NPT (M)	12NM	12NM				
½" BSP (M)	12BM					
¾" NPT (M)	34NM					
¾" BSP (M)	34BM					
1" NPT (M)	25NM					
1" BSP (M)	25BM					
Capillary						
SS 304	S4		S4			
SS 316	S6					
SS 316L	SL					
None	XX					
Armour						
SS 304	S4					
SS 316	S6			S6		
SS 316L	SL					
PVC	PV					
None	XX					
Capillary Length						
1 M up to 5 M	XXX				XXX	
Other Options						
Material Test Certificate	X17					X17
Tested to NACE Standard	X20					
Helium Leak Test	X22					
PTFE lining on bottom chamber/Flange	X32					
PTFE protection on diaphragm	X33					
PTFE coating on diaphragm or wetted parts	X34					

SAMPLE ORDERING CODE:

X6.01-XXX.IT.FV.S4.SL.PT.S6.L1.14NF.12NM.S4.S6.XXX.X17

Note: Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and material specified may be replaced by others without prior notice.