

WELDED THREADED SEAL

MODEL
X6.03



PRODUCT DESCRIPTION

Threaded Diaphragm Seal is designed with an upper and lower housing bolted together with a diaphragm welded to the upper housing. This removable design allows for easy cleanout of the seal chamber, while still maintaining the system fill. The threaded offline diaphragm seal can be adapted to fit almost any pressure instrument and process application.



WELDED THREADED SEAL

MODEL
X6.03

KEY FEATURES

- Economical & light weight
- All welded construction
- Ideal For High pressure

APPLICATION

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

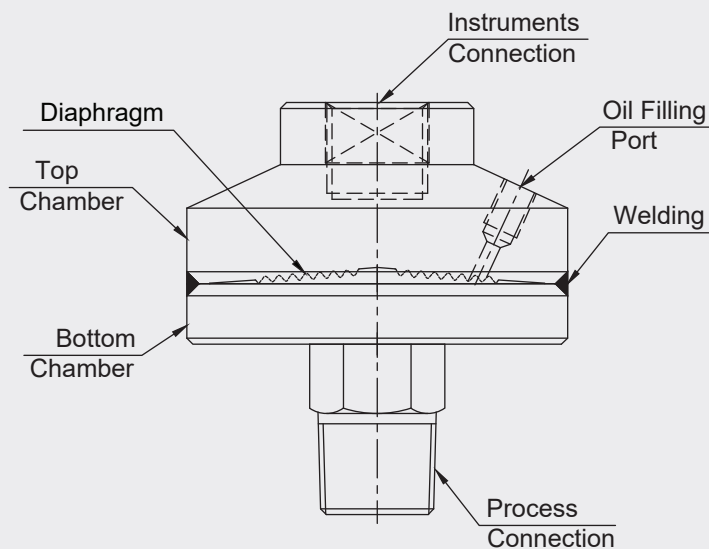
SPECIFICATIONS

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

Body	:	SS 316
Diaphragm	:	SS 316L

DIMENSIONAL DRAWINGS



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

WELDED THREADED SEAL

MODEL X6.03

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	X6.03	XXX	IT	S6	SL	S6	L2	12NF	12NM
Model Welded Threaded Seal	X6.03	X6.03								
Range As per customer requirement	XXX		XXX							
Assembly Integral Type	IT			IT						
Capillary Type	CT									
Top Chamber SS 304	S4									
SS 316	S6				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									
Bottom Chamber ASTM A105	A15									
SS 304	S4									
SS 316	S6						S6			
SS 316L	SL									
SS 316 / SS 316L	DC									
Monel 400	M4									
Inconel 625	I5									
Inconel 825	I2									
Haste C-276	HC									
Titanium	TI									
Tantalum	TA									
Filling Fluid Silicon DC200 (-45° to 205° C)	L1									
Silicon DC704 (10° to 337° C)	L2							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									
Fluorolube 4.2 (-45° to 175° C)	L8									
Fluorolube 6.3 (-40° to 235° C)	L9									
Fluorolube FS-5 (-28° to 148° C)	L10									
Instrument Connection ¼" NPT (F)	14NF									
¼" BSP (F)	14BF									
½" NPT (F)	12NF								12NF	
½" BSP (F)	12BF									
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									
¼" NPT (M)	14NM									
¼" BSP (M)	14BM									

WELDED THREADED SEAL

MODEL X6.03

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	S4	S6	XXX	X17
Capillary					
SS 304	S4	S4			
SS 316	S6				
Armour					
SS 304	S4				
SS 316	S6		S6		
PVC	PV				
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				

SAMPLE ORDERING CODE:

X6.03-XXX.IT.S6.SL.S6.L2.12NF.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.