

# FLUSHED THREADED SEAL

MODEL  
X6.04



## PRODUCT DESCRIPTION

A flushing ring is metal donut-shaped ring installed between the seal and the process connection. Flush Diaphragm Seal with Threaded process connection (also called as Mini Seal or Small Seal, because of its small size) are recommended for highly viscous or crystallizing process fluids. All welded construction provides compact design and light weight. This is most suitable for locations with limited space. With flush Diaphragm, it eliminates any cavities or pockets where the process medium can enter and clog the system.



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## KEY FEATURES

- Flushed Diaphragm
- Ideal for transmitter
- Single piece machined design

## SPECIFICATIONS

Mounting	:	Direct
Instrument Connection	:	1/2" BSP (F)
Process Connection	:	1/2" BSP (M)
Sealing Fluids	:	Silicon DC 200
Range	:	As per customer requirement
Process temperature	:	-40...205°C

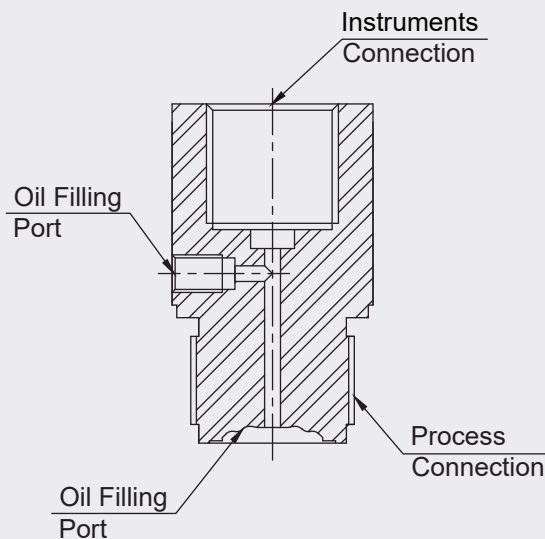
## APPLICATION

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

## MATERIAL OF CONSTRUCTION

Body : SS 316

## DIMENSIONAL DRAWINGS



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

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## MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	X6.04	XXX	IT	S6	SL	L2	12NF	12NM	X17
<b>Model</b> Flushed Threaded Seal	X6.04	X6.04								
<b>Range</b> As per customer requirement	XXX		XXX							
<b>Assembly</b> Integral Type	IT			IT						
<b>Seal Material</b> SS 316 SS 316L Monel 400 Hast C-276 Titanium Tantalum	S6 SL M4 HC TI TA				S6					
<b>Diaphragm</b> SS 316L Monel 400 Hast C-276 Inconel 625 Inconel 825 Duplex SS 2205 Titanium Tantalum	SL M4 HC I5 I2 DU TI TA					SL				
<b>Filling Fluid</b> Silicon DC200 (-45° to 205°C) Silicon DC200 (-45° to 205°C) Silicon DC704 (10° to 337°C) Silicon DC710 (-40° to 371°C) Food Grade Oil (-20° to 140°C) Syltherm 800 (-40° to 315°C) Syltherm XLT (-100° to 260°C) Halocarbon Oil Fluorolube 4.2 (-45° to 175°C) Fluorolube 6.3 (-40° to 235°C)	L1 L2 L3 L4 L5 L6 L7 L8 L9 L10						L2			
<b>Instrument Connection</b> ¼" NPT (F) ¼" BSP (F) ⅜" NPT (F) ½" NPT (F) ½" BSP (F)	14NF 14BF 38NF 12NF 12BF							12NF		
<b>Process Connection</b> ½" NPT (M) ½" BSP (M) M20×1.5 (M) ¾" NPT (M) ¾" BSP (M) 1" NPT (M) 1" BSP (M) 1½" NPT (M) 1½" BSP (M)	12NM 12BM M20M 34NM 34BM 25NM 25BM 40NM 40BM								12NM	
<b>Other Options</b> Material Test Certificate Tested to NACE Standard Helium Leak Test	X17 X20 X22									X17

## SAMPLE ORDERING CODE:

**X6.04-XXX.IT.S6.SL.L2.12NF.12NM.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.