

EXTENDED NECK FLANGED SEAL

MODEL
X6.07



PRODUCT DESCRIPTION

The Extended Neck flanged Seal construction has a seal body that is made of a blind flange. The weld of the diaphragm to the seal body is a wetted part and therefore diaphragm materials are mostly chosen the same as the flange material. The Extended Neck flanged Seal is typically used in combination with (differential) pressure transmitters for applications such as level, flow and (absolute) pressure measurement.



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KEY FEATURES

- Extended Neck
- Optional exotic materials

APPLICATION

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

SPECIFICATIONS

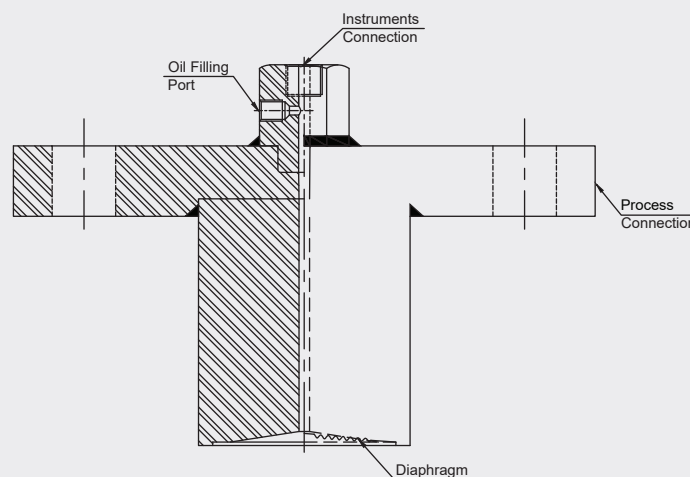
Mounting	:	Direct
Instrument Connection	:	1/2" BSP (F)
Process Connection	:	Flange (1/2"...3" as ANSI B16.5)
Sealing Fluids	:	Silicon DC (-40..205°C)
Range	:	As per customer requirement
Process temperature	:	-40...205°C
Neck extension	:	50 to 300 mm

MATERIAL OF CONSTRUCTION

Top Chamber	:	SS 316
Diaphragm	:	SS 316L
Flange	:	ASTM A105 / SS 304 / SS 316
Flange facing type	:	Raised face
Flange finish	:	63AARH /125..20 AARH / 250..500 AARH

DIMENSIONAL DRAWINGS

Extended neck flanged Seal



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



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MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	X6.07	XXX	IT	FC	A15	SL	L1	14NF	XXX	XXX	S4	S6	XXX	X17
Model															
Extended Neck Flanged Seal	X6.07	X6.07													
Range															
As per customer requirement	XXX		XXX												
Assembly															
Integral Type	IT			IT											
Capillary Type	CT														
Version															
Flanged Chamber	FC				FC										
Neck & Flange material															
ASTM A105	A15					A15									
SS 304	S4														
SS 316	S6														
SS 316L	SL														
SS 316 / SS 316L	DC														
Monel 400	M4														
Hast C-276	HC														
Diaphragm															
SS 316L	SL						SL								
Monel 400	M4														
Hast C-276	HC														
Duplex SS 2205	DU														
Inconel 625	I5														
Inconel 825	I2														
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														
Fluorolube 4.2 (-45° to 175°C)	L8														
Fluorolube 6.3 (-40° to 235°C)	L9														
Silicon DC200 (-45° to 205°C)	L10														
Instrument Connection															
½" NPT (M)	12NM														
¼" NPT (M)	14NM														
½" NPT (F)	12NF														
¼" NPT (F)	14NF								14NF						
½" BSP (F)	12BF														
Process Connection															
Ref Table '1'	XXX									XXX					
Neck Extension															
50 mm to 300 mm	XXX											XXX			
Capillary															
SS 304	S4											S4			
SS 316	S6														
None	XX														
Armour															
SS 304	S4														
SS 316	S6												S6		
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														
Gold plating on diaphragm	X92														

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Table No.1:

AS PER DIN 2642

DN	PN	CODE	DN	PN	CODE	DN	PN	CODE
10	10	A90	10	16	A81	10	40	A99
15		A91	15		A82	15		B01
20		A92	20		A83	20		B02
25		A93	25		A84	25		B03
32		A94	32		A85	32		B04
40		A95	40		A86	40		B05
50		A96	50		A87	50		B06
65		A97	65		A88	65		B07
80		A98	80		A89	80		B08

AS PER ANSI B 16.5

NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE
1/2"	150	B09	1"	150	B21	1 1/2"	150	B33	2 1/2"	150	B45
	300	B10		300	B22		300	B34		300	B46
	600	B11		600	B23		600	B35		600	B47
	900	B12		900	B24		900	B36		900	B48
	1500	B13		1500	B25		1500	B37		1500	B49
	2500	B14		2500	B26		2500	B38		2500	B50
3/4"	150	B15	1 1/4"	150	B27	2"	150	B39	3"	150	B51
	300	B16		300	B28		300	B400		300	B52
	600	B17		600	B29		600	B41		600	B53
	900	B18		900	B30		900	B42		900	B54
	1500	B19		1500	B31		1500	B43		1500	B55
	2500	B20		2500	B32		2500	B44		2500	B56

SAMPLE ORDERING CODE:

X6.07-XXX.IT.FC.A15.SL.L1.14NF.XXX.XXX.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