

SANITARY DIAPHRAGM SEAL -FEMALE TYPE

TGI26-1

APPLICATIONS

- Food Industries
- Dairy Industries
- Pharmaceuticals Industries

FEATURES

- Single piece construction
- Flushed diaphragm
- DIN,SMS,RJT,IDF Connections
- Quick Connection



SANITARY DIAPHRAGM SEAL, TGI26-1

DESCRIPTION

General

Storage temperature : -40...+65°C

Service temperature : 370°C max.

Weld joints : Welded Diaphragm

Standard version

Seal type : -1..0 bar to 0...40 bar

Instrument connection : 1/2" NPT (F)

Sealing fluid : Silicon DC 200 [-40...205°C]

Process connection:1.5" Connection

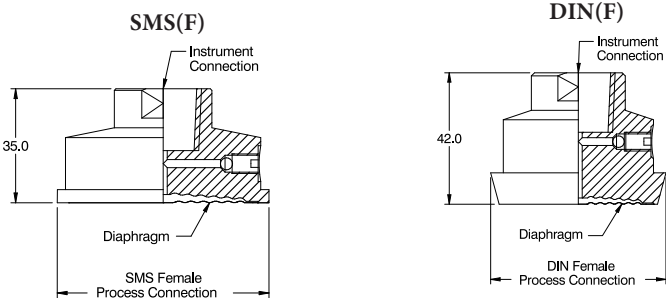
Material of construction

Sensing element : Diaphragm

Diaphragm : AISI 316L SS

Chamber material : AISI 316 SS / AISI 316L SS

GA DRAWING



NOTES

1. Standard GA Drawing. Not to scale.
2. Detailed GA Drawings are available, kindly contact factory.

Filling liquids Vs Temperature range

CODE	Fluid Name	Temperature Range
L1	Silicon DC 200	-40°C to 205°C
L2	Glycerin	10°C to 150°C
L3	Food Grade oil	-20°C to 140°C
L4	Syltherm 800	-40°C to 315°C
L5	Silicon DC 710	7°C to 371°C

Conn. Size	Range	Conn. Size	Range
1"	0...4 to 0...40Bar	2"	0...1 to 0...40bar
1.5"	0...2 to 0...40bar	2.5"	-1...0 to 0...40bar

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ORDERING CODES

MODEL								TGI26-1	
TGI26-1 Sanitary diaphragm seal -female									
SEAL TYPE									FS1
FS1 - DIN 11854		FS2 - SMS		FS3-RTJ		FS4-IDF			S03
DIAPHRAGM									S02
S03		AISI 316L SS							
BOTTOM CHAMBER									
S02		AISI 316 SS		S03		AISI 316L SS			
INSTRUMENT CONNECTION									P28
P27		1/2" BSP (F)		P28		1/2" NPT (F)			TR01
PROCESS CONNECTION									
TR01		1" Connection 0...4 to 0...40Bar		TR02		1.5" Connection 0...2 to 0...40bar			
				TR03		2" Connection 0...1 to 0...40bar			
						TR04			2" Connection -1...0 to 0...40bar
SEALING FLUID									L1
XX		As per Filling liquid Vs Temperature Rating table							
EXECUTION									R1
R1		Direct							
OTHER OPTIONS									XX
E77		Dry Seal		E31		Material test certificate 3.1			
				E32		Material test certificate 2.2			

Rev 00
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Ordering Example : **TGI26-1-FS1.S03.S02.P28.TR01.L1.R1/XX**