

APPLICATIONS

- Food Industries
- Dairy Industries
- Pharmaceuticals Industries

FEATURES

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



SANITARY DIAPHRAGM SEAL -FEMALE TYPE - TMC26-1

DESCRIPTION

General

Storage temperature : -40...+65°C

Service temperature : 370°C max.

Weld joints : Welded Diaphragm

Material of construction

Sensing element : Diaphragm

Diaphragm : AISI 316L SS

Chamber material : AISI 316 SS / AISI 316L SS

Standard version

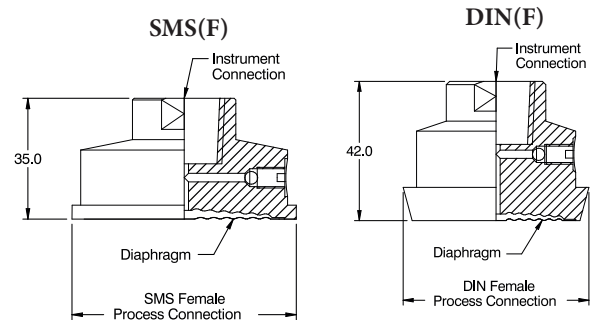
Seal type : -1..0 bar to 0...40 bar

Instrument connection : 1/2" NPT (F)

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

Process connection: 1.5" Connection

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
1"	0...4 to 0...40Bar
1½"	0...2 to 0...40bar
2"	0...1 to 0...40bar
2.5"	-1...0 to 0...40bar

ORDERING CODES

MODEL						TMC26-1
TMC26-1 Sanitary diaphragm seal -female						
SEAL TYPE						FS1
FS1 -DIN 11854		FS2 - SMS		FS3-RTJ		FS4-IDF
DIAPHRAGM						S03
S03		AISI 316L SS				
BOTTOM CHAMBER						S02
S02		AISI 316 SS		S03		AISI 316L SS
INSTRUMENT CONNECTION						P28
P27		1/2" BSP (F)		P28		1/2" NPT (F)
PROCESS CONNECTION						TR01
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

Ordering Example : TMC26-1-FS1.S03.S02.P28.TR01.L1.R1/XX