

# THREADED FLUSH DIAPHRAGM SEAL

## SSKE24

### APPLICATIONS

- Separation systems
- Isolation applications
- Viscous & corrosive media
- High-pressure applications

### FEATURES

- Single piece construction
- Flushed diaphragm
- Ideal for Transmitters



### THREADED FLUSH DIAPHRAGM SEAL, SSKE-24

## DESCRIPTION

### General

**Thread design :** ANSI B1.20.1 / BS EN ISO 228-1

**Storage temperature :** -40...+65°C

**Service temperature :** 370°C max.

**Weld joints :** Laser welding for Diaphragm

### Material of construction

**Sensing element :** Diaphragm

**Diaphragm :** AISI 316L SS / Monel 400 / Hastelloy C-276

Inconel 600 / Titanium / Tantalum

**Chamber material :** AISI 316 SS / AISI 316L SS / Monel

Titanium / Tantalum / Hastelloy C-276

**Capillary :** AISI 304 SS / AISI 316 SS

**Armour :** AISI 304 SS / AISI 316 SS / PVC

**Remote distance :** 0.25 Mtr. to 4 Mtr.

### Filling liquids Vs Temperature range

CODE	Fluid Name	Temperature Range
L1	Silicon DC200	-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 DC710	7°C to 371°C

### Standard version

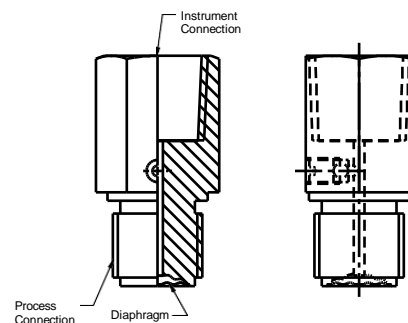
**Seal type :** 4...700 bar

**Instrument connection :** ¼" NPT (F) / ¼" BSP (F)

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

**Process connection :** ½" NPT (M) / ½" BSP (M)

### GA DRAWING



#### NOTES

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

Conn. Size	Range	Conn. Size	Range
½"	0...70 to 0...700 bar	1½"	0...4 to 0...600 bar
¾"	0...40 to 0...700 bar	2"	0...4 to 0...400 bar
1"	0...25 to 0...700 bar		

# THREADED FLUSH DIAPHRAGM SEAL

## SSKE24

### ORDERING CODES

<b>MODEL</b>						<b>SSKE24</b>
SSKE24 Threaded flush diaphragm seal						
<b>SEAL TYPE</b>						<b>R10</b>
R10 0...4 bar to 0...700bar						
<b>DIAPHRAGM</b>						<b>S03</b>
S03	AISI 316L SS	S05	Monel 400	S10	Hastelloy C-276	
S06	Inconel 600	S07	Titanium	S08	Tantalum	
<b>BOTTOM CHAMBER</b>						<b>S02</b>
S02	AISI 316 SS	S03	AISI 316L SS	S05	Monel 400	
S10	Hastelloy C-276	S07	Titanium	S08	Tantalum	
<b>INSTRUMENT CONNECTION</b>						<b>P23</b>
P23	¼" BSP (F)	P24	¼" NPT (F)			
<b>PROCESS CONNECTION</b>						<b>P08</b>
P07	½" BSP (M)	P08	½" NPT (M)	P20	M20 X 1.5 mm (M)	
P09	¾" BSP (M)	P10	¾" NPT (M)	P11	1" BSP (M)	
P12	1" NPT (M)	P13	1½" BSP (M)	P14	1½" NPT (M)	
P15	2" BSP (M)	P16	2" NPT (M)			
<b>SEALING FLUID</b>						<b>L1</b>
XX As per Filling liquid Vs Temperature Rating table						
<b>EXECUTION</b>						<b>R1</b>
R1 Direct			R2 Remote			
<b>CAPILLARY MATERIAL</b>						<b>XX</b>
S01 AISI 304 SS			S02 AISI 316 SS			
<b>ARMOUR MATERIAL</b>						<b>XX</b>
S01 AISI 304 SS			S02 AISI 316 SS			S16 PVC [Ambient ≤60°C]
<b>REMOTE DISTANCE</b>						<b>XXXX</b>
XXXXX 500 mm (Min.) to 4000 mm (Max.)						
<b>OTHER OPTIONS</b>						<b>X XXX</b>
E77 Dry Seal			E31 Material test certificate 3.1			E32 Material test certificate 2.2

Ordering Example : SSKE24-R10.S03.S02.P23.P08.L1.R1/XX.XX.XXXXX/XXX