

DIAPHRAGM SEAL

PULP SEAL (FLOATING RING TYPE)



SPECIAL FEATURES

- ALL 316 STAINLESS STEEL
- CONTINUOUS DUTY
- WELDED DIAPHRAGM
- FOR VISCOUS SLURRIES PAPER AND PULP



APPLICATIONS

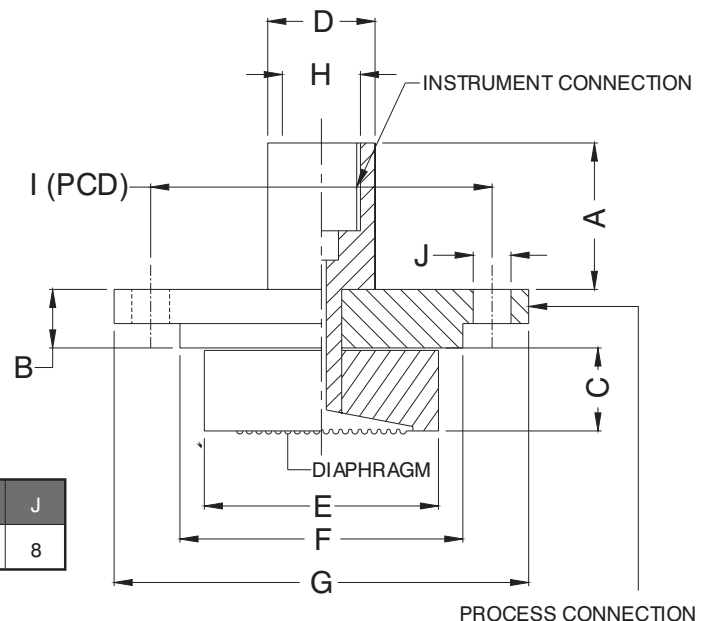
DIAPHRAGM SEALS ARE PROVIDED IN THE INSTRUMENTS LIKE PRESSURE GAUGES, SWITCHES, TRANSMITTERS IN ORDER TO ISOLATE THE SENSING ELEMENT FROM THE MAIN SERVICE DUE TO ITS CORROSIVE, VISCOUS AND SEDIMENTED NATURE AND TO AVOIDS CLOGGING AND SOLIDIFICATION. SPECIALLY USED FOR PULP SLURRY APPLICATIONS IN HIGHLY VIBRATION ZONES.

SPECIFICATION

STANDARD VERSION

Range	:	0 - 40 kg/cm ²
Process temperature	:	- 40°C to 200°C or as per fill fluid
Instrument Connection	:	3/8" BSP (F)
Process Connection	:	As Per Diagram Below

Diaphragm	:	AISI 316L SS
Seal Chamber & Extension	:	AISI 316 SS
Process Flange	:	AISI 304 SS
Fill Fluids	:	Silicon Oil - DC 200



A	B	C	D	E	F	G	H	I	J
30	12	17	22 SQ	48	58	85	3/8" BSP (F)	70	8

Notes : • Drawings are not to scale. • All Dimensions are in mm.

HOW TO ORDER**BASIC MODEL**

DN

OPTIONS

FOR NON STANDARD PRODUCTS/OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

INSTRUMENT CONNECTION

VP

VN 1/4" BSP (F) VO 1/4" NPT (F)
 VP 3/8" BSP (F)
 VQ 3/8" NPT (F)

DIAPHRAGM

UJ

UJ AISI 316L SS

SEAL CHAMBER & EXTENSION

TM

TL AISI 316L SS TM AISI 316 SS

FILLING FLUID

UX

US FLUROLUBE 4.2 [-45 TO 175°C / -49 TO 374° F]
 UV FOOD GRADE OIL [-20 TO 140°C / -4 TO 284° F]
 UX SILICON DC 200-200CS [-40 TO 205°C / -40 TO 401° F]
 VA SYLTHERM 800 [-45 TO 205°C / -49 TO 401° F]

TYPE

A1

A0 WITHOUT CAPILLARY A1 WITH CAPILLARY

CAPILLARY

PE

PE AISI 304 SS PG AISI 316 SS

CAPILLARY COVERED WITH ARMOUR

PF

PF AISI 304 SS PH AISI 316 SS PI PVC

CAPILLARY LENGTH(Max up to 2Mtrs.)

1Mtr.

IN METERS (e.g. 1.5 = 1.5 METERS 2.0 = 2 METERS)

OTHER OPTIONS

TB

TB HELIUM LEAK TEST
 TC DRY SEAL ONLY WITHOUT INSTRUMENT
 KF SPECIAL CONNECTION (Please provide Drawings)

Ordering Example:**DN - VP - UJ - TM - UX - A1 - PE - PF - 1Mtr. - TB****Note :** ● Due to continuous improvement, the specification may vary from time to time.