



Special Features

- Ideal for pulp industry
- Laser welded flush diaphragm
- Continuous duty
- Easy to clean
- Available with anti vibration spring (optional)

Application

- 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 avoid clogging and solidification
- These kind of seals are widely used in the viscous & corrosive services where flushing is required periodically & frequently

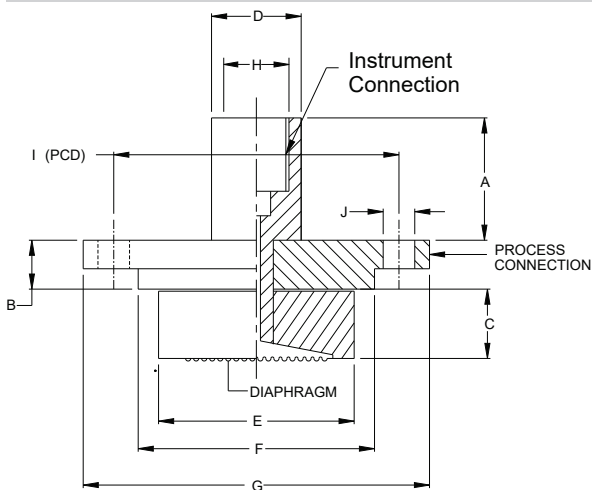
Specifications

Standard Version
(Compatible models : AL(NS 100 mm & 150 mm)

Range	:	1 - 40 kg/cm ²
Process temperature	:	-40°C to 200°C or as per fill fluid
Instrument connection	:	½" BSP (F)
Process connection	:	As per diagram below
Mounting	:	Direct (without spring & capillary)

Diaphragm	:	AISI 316L SS
Body & floating ring	:	AISI 316 SS
Fill fluid	:	Silicon oil - DC 200

Dimensions

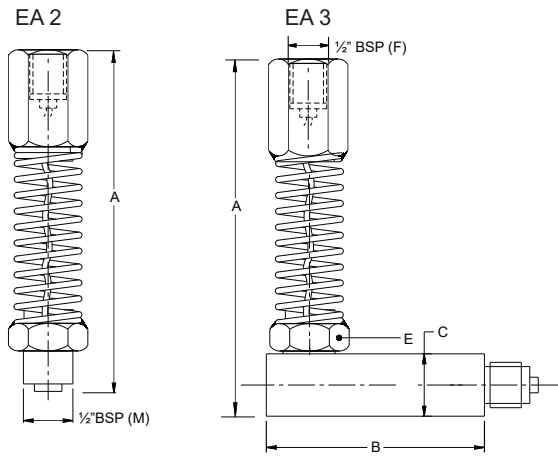


A	AC	D	E	F	G	H	I	J	Approx. Wt. #	
30	12	15	25	SQ 48	58	85	½" BSP (F)	70	7	600.0

(# Weight in grams with box for standard model)



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

Accessory : Anti vibration spring



A	B	C	E
120	77	25	25

Mounting	EA 2 / EA 3
Spring & Capillary	AISI 304 SS
Body & Connection	AISI 316 SS

How To Order		Example
Basic Model		
Code		DN
Optional Extras		
Instrument Connection		
VO 1/4" NPT (F)	VP 3/8" BSP (F)	VL 1/2" BSP (F)(Standard)
VM 1/2" NPT (F)		
Anti Vibration Spring (Select if required)		
 EA 2 Bottom mounting	 EA 3 90° angular mounting (back mounting)	XXX
Body & Floating Ring		
CL AISI 316 SS (Standard)	CM AISI 316L SS	XX
Diaphragm		
UJ AISI 316L SS (Standard)		XX
Filling Fluids (* Consult factory for specifications, price and delivery)		
US Fluorolube 4.2 [-45 to 175 °C]	UY Silicon DC 704 [10 to 337 °C]	XX
UT Fluorolube 6.3 [-40 to 235 °C]	UZ Silicon DC 710 [7 to 371 °C]	
UU Fluorolube FS-5 [-28 to 148 °C]	VA Syltherm 800 [-40 to 315 °C]	
UV Food grade oil [-20 to 140°C]	VB Syltherm XLT [-100 to 260 °C]	
UX Silicon DC 200 [-40 to 205 °C] (Standard)	VC Halocarbon oil*	
Remote Mounting (With capillary of max. up to 3 mtrs.)		
Specify in meters (e.g. 1.5 = 1.5 Meters 2.0 = 2 Meters)		1Mtr.
Note: Remote mounting is not applicable if EA 2 or EA 3 options selected.		
Capillary		
PE AISI 304 SS	PG AISI 316 SS	XX
Capillary Covered with Armour (Applicable with PE or PG if selected)		
PF AISI 304 SS	PH AISI 316 SS	PI PVC (Ambient temp. Max. 60°C)
Options		
TB Helium leak test	GH Material test certificates*	XX
TC Dry seal only without instrument	KF Special connection (Please provide drawings)	

***Material test certificates will be provided for wetted parts only with chemical composition testing.

For others, please consult factory.

Ordering Example: DN . XX . XXX . XX . XX . XX . 1Mtr . XX . XX . XX

For other optional items, please contact factory for delivery and minimum quantity of order.

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing .

Modifications may take place and materials specified may be replaced by others without prior notice.