



Special Features

- Ideal for pressure transmitter
- Laser welded diaphragm
- One piece AISI 316 SS construction
- Flush diaphragm

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

Specifications

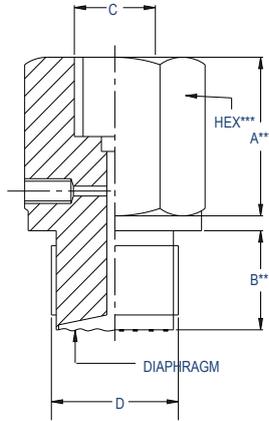
Range	: Refer below table
Process temperature	: -40°C to 200°C or as per fill fluid
Instrument connection	: 1/4" BSP (F)
Process connection	: 3/4" BSP (M)
Mounting	: Direct (without capillary)

Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Fill fluid	: Silicon Oil - DC 200

Process Connection & Range Selection Table

Thread Size	1/2" BSP (M)	3/4" BSP (M)	1" BSP (M)	1 1/2" BSP (M)	2" BSP (M)
Code	WU	WF	WW	WX	WB
Thread Size	1/2" NPT (M)	3/4" NPT (M)	1" NPT (M)	1 1/2" NPT (M)	2" NPT (M)
Code	WA	XB	XC	XD	XE
Ranges (bar)					
4	×	×	×	×	✓
6	×	×	×	✓	✓
10	×	×	×	✓	✓
16	×	×	✓	✓	✓
25	×	✓	✓	✓	✓
40	✓	✓	✓	✓	✓
60	✓	✓	✓	✓	✓
100	✓	✓	✓	✓	✓
160	✓	✓	✓	✓	✓
200	✓	✓	✓	✓	✓
250	✓	✓	✓	✓	✓
400	✓	✓	✓	✓	✓
600	✓	✓	✓	✓	✓

Dimensions - Standard Version



A***	B**	C	D*	HEX***	Approx. Wt.#
18	20	1/4" BSP(F)	3/4" BSP(M)	32	500.0

(# Weight in grams with box for Standard Model.)

Notes :

- Drawings are not to scale.
- All Dimensions are in mm.

How To Order					Example	
Basic Model					RDF	
Code						
Optional Extras						
Body						
CL	AISI 316 SS (Standard)	CM	AISI 316L SS		XX	
Diaphragm						
UJ	AISI 316L SS (Standard)				XX	
Instrument Connection						
VN	1/4" BSP (F) (Standard)	VP	3/8" BSP (F)	VL	1/2" BSP (F)	XX
VO	1/4" NPT (F)			VM	1/2" NPT (F)	
Process Connection						
WU	1/2" BSP (M)	WW	1" BSP (M)	WX	1 1/2" BSP (M)	XX
WA	1/2" NPT (M)	XC	1" NPT (M)	XD	1 1/2" NPT (M)	
WB	2" BSP (M)	WF	3/4" BSP (M) (Standard)	WE	2" NPT (M)	XX
XB	3/4" NPT (M)					
Filling Fluids (* Consult factory for specifications, price and delivery)						
US	Flurolube 4.2 [-45 to 175 °C]			UY	Silicon DC 704 [10 to 337 °C]	XX
UT	Flurolube 6.3 [-40 to 235 °C]			UZ	Silicon DC 710 [7 to 371 °C]	
UU	Flurolube 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*	
Other Options						
TB	Helium Leak Test			TC	Dry Seal Only Without Instrument	XX
				GH	Material Test Certificates*	
* Material Test Certificates Will Be Provided For Wetted Parts Only With Chemical Composition Testing. For Others, Please Consult Factory.						
Note: For Moc Like Monel, Hastelloy-c Etc. , Please Contact Factory For Price And Delivery.						
Ordering Example : RDF . XX . XX . XX . 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.