



Special Features

- All stainless steel construction
- Compact design
- Low cost version
- The diaphragm is welded to the body to ensure separation of the filling fluid from the process medium

Application

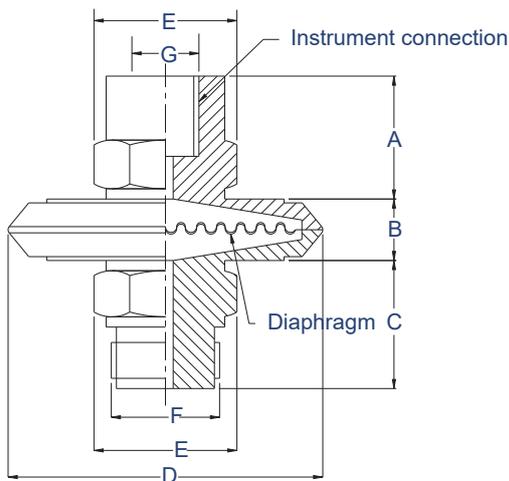
- Diaphragm seals are designed to isolate the sensing element of pressure gauges and pressure switches from process fluids that they may be corrosive, viscous, sedimentous and / or with a high temperature

Specifications

Range	: 1 kg/cm ² to 21 kg/cm ²
Process temperature	: - 40 °C to 200 °C or as per fill fluid
Instrument connection	: 1/4" BSP (F)
Process connection	: 1/4" BSP (M)
Fill fluid	: Silicon Oil - DC 200

Diaphragm	: AISI 316L SS
Body	: AISI 316 SS

Dimensions - Standard Version



A	B	C	D	E	F	G	Approx. Wt.#
26	14	23	62	HEX A/F 19	1/4" BSP(M)	1/4" BSP(F)	260.0

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



RDD

Diaphragm Seal
Direct coupled type (compact design)

How to Order	Example
Basic Model	RDD
Code	
Optional Extras	
Instrument Connection	
VN 1/4" BSP (F) (Standard) VO 1/4" NPT(F)	XX
Body	
CL AISI 316 SS (Standard)	XX
Diaphragm	
UJ AISI 316L SS (Standard)	XX
Process Connection	
WS 1/4" BSP (M) (Standard) WY 1/4" NPT (M)	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]	
UT Fluorolube 6.3 [-40 to 235 °C] UZ Silicon DC 710 [7 to 371 °C]	
UU Fluorolube F S-5 [-28 to 148 °C] VA Syltherm 800 [-40 to 315 °C]	XX
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 GH Material test certificates*	XX
* Material Test Certificates Will Be Provided For Wetted Parts Only With Chemical Composition Testing. For Others, Please Consult Factory.	
Ordering Example: RDD . 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.	