

SPECIAL FEATURES

All SS 316 Construction
 Light Weight
 Economical
 Ideal choice for High Pressure
 The Diaphragm is welded to the body
 to ensure separation of the filling
 fluid from the process medium.

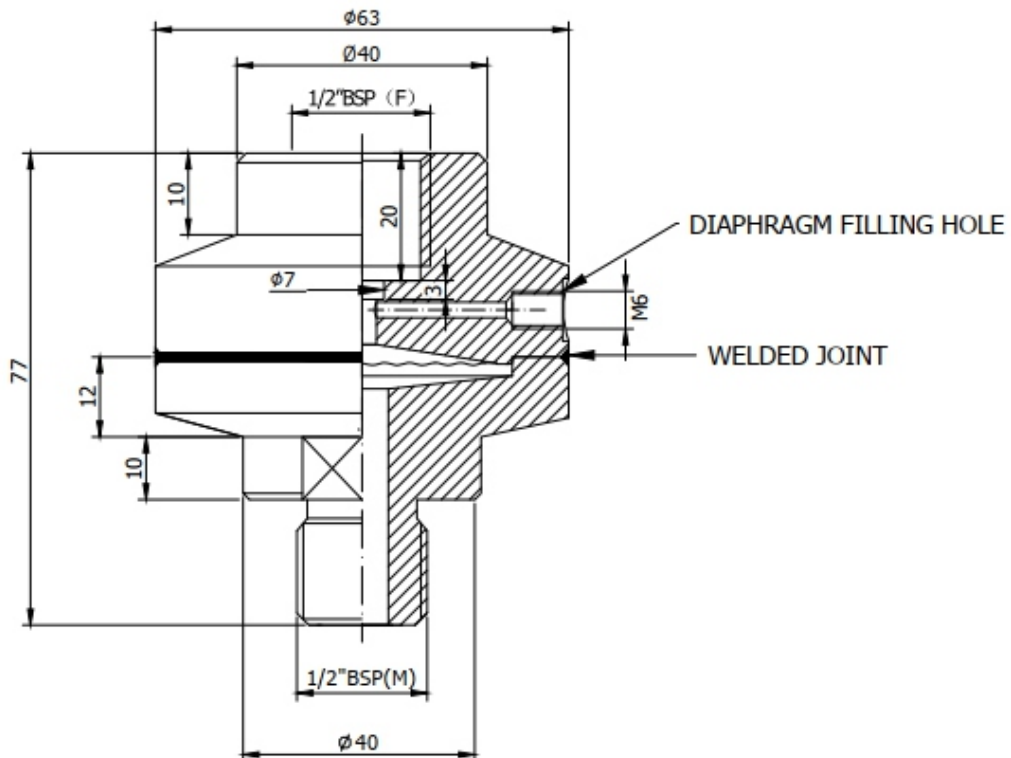
SPECIFICATIONS

Range: -1 kg/cm² to 400 kg/cm²
 Process Temperature: -40°C to 200°C or as per fill fluid
 Instrument Connection: 1/2" BSP (F)
 Process Connection: 1/2" BSP (M)
 Fill Fluid: Silicon Oil-DC 200
 Mounting: Direct (Without Capillary)
 Diaphragm: AISI 316L SS
 Body: AISI 316 SS



APPLICATIONS

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 high temperature.



Example

HOW TO ORDER

BASIC MODEL RANGE

S11 -1 kg/cm² to 400 kg/cm² **S12** 400 kg/cm² to 700 kg/cm²

INSTRUMENT CONNECTION

VN 1/4"BSP(F) **VP** 3/8"BSP(F) **VO** 1/4"NPT(F)
VL 1/2"BSP(F)(Standard) **VM** 1/2"NPT(F)

BODY

TK AISI 304 SS **TT** HASTELLOTY 'C'
TM AISI 316 SS(Standard) **UD** TANTALUM
CM AISI 316L SS **TX** MONEL
UN SUPER DUPLEX **TD** DUPLEX
TE UNS S31254 **UW** INCONEL 625
TH 254 SMO

MOC OF BOTTOM CHAMBER	PRESSURE V/S TEMPERATURE					
	20°C	40°C	60°C	80°C	100°C	120°C
PVDF	10 kg/cm ²	10 kg/cm ²	10 kg/cm ²	7 kg/cm ²	4 kg/cm ²	2 kg/cm ²
PP	10 kg/cm ²	10 kg/cm ²	6 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA
PVC	10 kg/cm ²	10 kg/cm ²	4 kg/cm ²	1 kg/cm ²	NA	NA

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C276'
UM MONEL **UP** SILVER* **UR** TITANIUM **UW** INCONEL 600
UN SUPER DUPLEX

PROCESS CONNECTION

WE 1/4"BSP(F)(Standard)* **WI** 1/4"NPT(F) **WY** 1/4"NPT(M) **WS** 1/4"BSP(M)
WC 3/8"BSP(F) **WH** 1/2"NPT(F) **WA** 1/2"NPT(M) **WT** 3/8"BSP(M)
WD 1/2"BSP(F) **WL** 3/4"NPT(F) **WK** 3/4"NPT(M) **WF** 3/4"BSP(M)
WJ 3/4"BSP(F) **WU** 1/2"BSP(M)(Standard)

FILLING FLUID

US FLUROLUBE 4.2 [-45 to 175°C] **UY** SILICON DC 704 [10 to 337°C]
UT FLUROLUBE 6.3 [-45 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*
VD LRS9 [-40 to 400°C]

REMOTE MOUNTING

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

CAPILLARY

PE AISI 304 SS **PG** AISI 316 SS

CAPILLARY COVERED WITH ARMOUR

PF AISI 304 SS **PH** AISI 316 SS **PI** PVC

OTHER OPTIONS

TB HELIUM LEAK TEST **TC** DRY SEAL ONLY WITHOUT INSTRUMENT **GH** MATERIAL TEST CERTIFICATE*

Ordering Example: D-06-XX-XX-XX-XX-XX-XX-2 Mtr-XX-XX-XX