

SPECIAL FEATURES

Welded Diaphragm
Most suitable for Slurry & Corrosive Service
Flushing Ring , Flange & Diaphragm are
available in various type of SS & Exotic Materials.

SPECIFICATIONS

Seal Type: S26= -1 to 0 kg/cm² & 0 to 250 kg/cm² (Non PTFE Lined)(Standard)
S27= -1 to 0 kg/cm² & 0 to 40 kg/cm² (PTFE Lined)*

Process Temperature: Max.150°C for PTFE Lined
-40°C to 200°C or without PTFE Lined

Instrument Connection: 1/2"NPT(F)

Process Connection: Flange (as per DIN/BS/ANSI/JIS) 125-250 AARH

Fill Fluid: Silicon Oil-DC 200

Diaphragm: AISI 316L SS

Top Chamber: AISI 316 SS

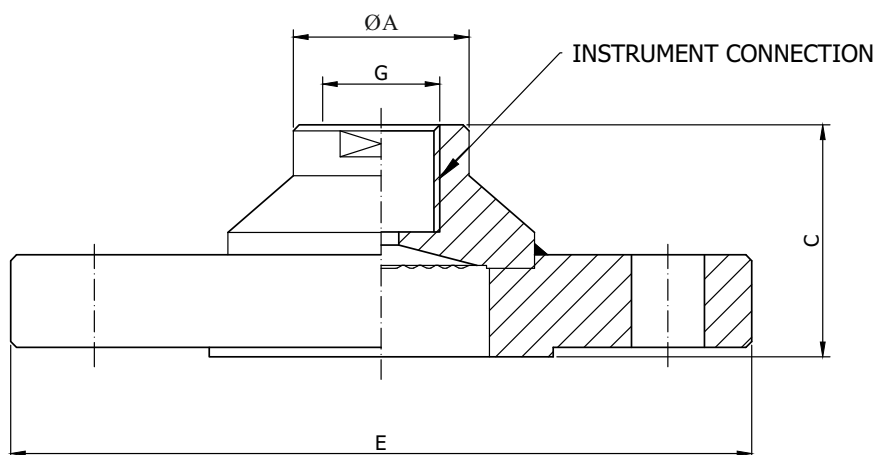
Flange: AISI 316 SS



APPLICATIONS

Diaphragm seals are provided in the Instrument like Pressure Gauges ,Switches, Transmitters in order to isolate the sensing element from the main service due to It's 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.



A	C	E	G	J
30	44.5	**	1/2"NPT(F)	***

** As per standard flange table ANSI, DIN, BS, JIS, Etc.

*** Diaphragm Dia. to suit Flange

HOW TO ORDER

BASIC MODEL

SEAL TYPE

S26 -1 to 0 kg/cm² & 0 to 250 kg/cm² (Non PTFE Lined) (Standard)* **S27** -1 to 0 kg/cm² & 0 to 40 kg/cm²(PTFE Lined)

INSTRUMENT CONNECTION

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

TOP CHAMBER

XW AISI 304 SS (Standard) **YA** AISI SS316L SS **XY** AISI 316 SS **YC** CARBON STEEL

DIAPHRAGM

UJ AISI 316L SS (Standard) **UL** HASTELLOY 'C' **UR** TITANIUM **KE** PTFE*
UM MONEL **UP** SILVER **UQ** TANTALUM

FLANGE MATERIAL

TK AISI 304 SS **TN** CARBON STEEL **UH** TITANIUM **TM** AISI 316 SS (Standard)
TL AISI 316L SS **TX** MONEL **TT** HASTELLOY C **TM** TANTALUM

PROCESS CONNECTION

As per DIN / BS / ANSI / JIS (Select Code from Flange Table.Refer Page No.25 & 26)

PROTECTION ON WETTED PARTS

VS PTFE LINING ON BOTTOM CHAMBER("I"SECTION) -2mm THICK (Max.Up to 150°C)
VV PTFE PROTECTION FOR DIAPHRAGM (Max.Up to 150°C max up to 100 bar)
VZ PTFE COATING ON DIAPHRAGM (Max.Up to 315°C)

FILLING LIQUID

US FLUROLUBE 4.2 [-45 to 175°C] **UX** SILICON DC 200[-40 to 205°C](Standard) **VB** SYLTERM XLT [-100 to 260°C]
UT FLUROLUBE 6.3 [-40 to 235°C] **UY** SILICON DC 704 [10 to 337°C] **VC** HALOCARBON OIL*
UU FLUROLUBE FS-5 [-28 to 148°C] **UZ** SILICON DC 710 [7 to 371°C]
UV FOOD GRADE OIL [-20 to 140°C] **VA** SYLTERM 800 [-40 to 315°C]

REMOTE MOUNTING (With Capillary of Max. Up to 15 Mtrs.)

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 (Applicable with PE or PG if selected)

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-10-XXX-XX-XX-XX-XX-XX-XX-XX-3 Mtr-XX-XX-XX