

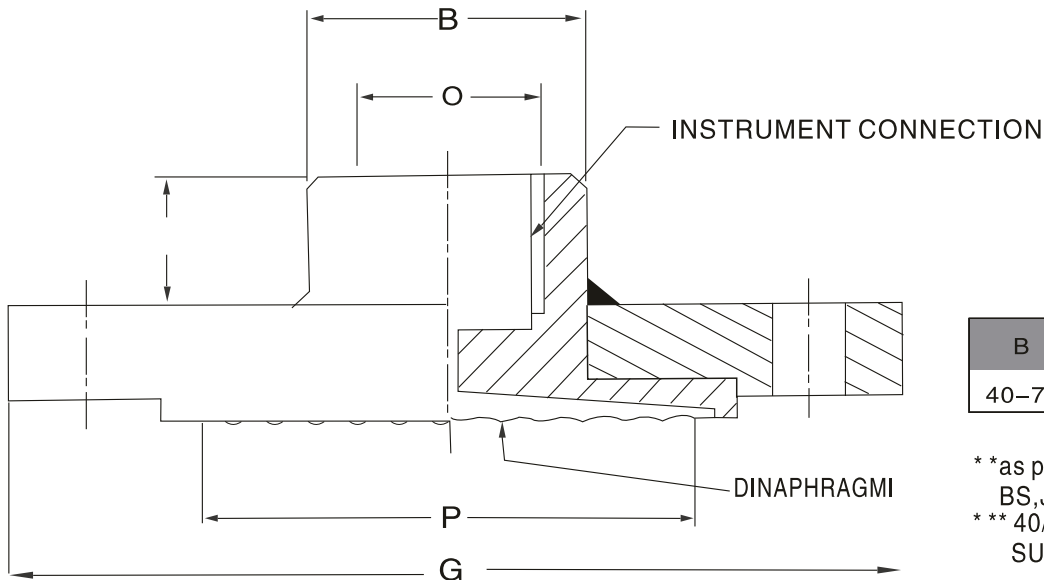
- Welded diaphragm.
  - Flush diaphragm provided.
  - Easy flushing.
  - Most suitable for slurry & corrosive service.
- Diaphragm seals are provided in the instrument like pressure gauges, switches, transmitter in order to isolate the sensing element from the main service due to its corrosive, viscous and sedimented nature and to avoid clogging and solidification.



**SPECIFICATION**

- ◆Range:  $-1\text{kg/cm}^2 \sim 21\text{kg/cm}^2$ .
- ◆Process Temp.:  $-40^\circ\text{C} \sim 200^\circ\text{C}$  or per fill fluid.
- ◆Instrument Connection: 3/8" BSP(F).
- ◆Process Connection: Flange (as per DIN/ BS/ ANSI/ JIS)  
Finish 125~250AARN  
32NB (1 1/4") to 80NB (3") (as required).
- ◆Diaphragm : AISI316L SS.
- ◆Body: AISI316 SS.
- ◆Fill Fluid: Silicon Oil-DC200.

**DIMENSION**



B	G	N		
40-70	**	20	3/8"BSP(F)	***

\*\*as per standard flange table ANSI, DIN, BS, JIS ETC.,

\*\*\* 40/53/63/70mm DIA. DIAPHRAGM TO SUIT FLANGE

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

# OEDER INFORMATION

## BASIC MODEL

## OPTIONS

FOR NON STANDARD PRODUCTS/OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

## FLANGE

**M1** AISI 316L SS

## INSTRUMENT CONNECTION

**Q1** 1/2"BST(F)                      **Q4** 1/2"NPT(F)  
**Q2** 1/4"BSP(F)                      **Q3** 1/4"NPT(F)  
**Q5** 3/8"NPT(F)                      **Q6** 3/8"BSP(F)

## PROCESS CONNECTION

AS PER DIN/BS /ANSI/JIS (SELECT CODE FROM TABLE)

## FIUSHING RING

**S1** FLUSHING RING WITH1/2"NPT PLUG (AISI 304 SS)                      **S2** FLUSHING RING WITH1/4"NPT PLUG (AISI 316 SS)  
**S3** FLUSHING RING WITH1/2"NPT PLUG (AISI 316 SS)                      **S4** FLUSHING RING WITH1/4"NPT PLUG (AISI 316 SS)Std.

## FILLING FLUIDS

**T1** FLUROLUBE 4.2[-45 TO 175°C/-49 TO374 ° F]                      **T2** SILICON DC 704 [0 TO 315°C/-32 TO599 ° F]  
**T3** FLUROLUBE 6.3[-40 TO 235°C/-40 TO455 ° F]                      **T4** SILICON DC 710 [5TO 345°C/-41 TO653 ° F]  
**T5** FLUROLUBE FS5[-40 TO 150°C/-40 TO302 ° F]                      **T6** SYLTHERM 800 [-45 TO205°C/-49 TO401° F]  
**T7** FOOD GRADE OIL[-20 TO 140°C/-4 TO284 ° F]                      **T8** SYLTHERM XLT [-75 TO150°C/-102TO302° F]  
**T9** SILICON DC200-10CS[-40 TO 205°C/-40 TO401 ° F]                      **T10** HALOCARBON OIL

## PROTECTION ON WETTED PARTS

**U2** PTFE PROTECTION FOR DIAPHRAGM

## DIAPHRAGM

**AD1** AISI 304 SS                      **AD2** CARBIB STEEK                      **AD3** TITAIUUN                      **AD4** AISI 316 SS  
**AD5** AISI 316L SS                      **AD6** MONEL                      **AD7** HASTELLOYS

## TYPE

**G1** WITHOUT CAPILLARY                      **G2** WITH CAPILLARY

## CAPILLARY

**H1** AISI 304 SS                      **H2** AISI 316 SS

## CAPILLARY COVERED WITH ARMOUR

**I1** AISI 304 SS                      **I2** AISI 316 SS

## CAPILLARY LENGTH(Max up to 2Mtrs.)

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

## OTHER OPTIONS

**K3** HELIUM LEAK TEST                      **K4** DRY SEAL ONLY WITHOUT INSTRUMEN

## Ordering Example:

**BBW-M1-Q1-B33-S1-T1-U2-AD1-G1-H1-I1-1Mtr.-K3**

Note: ● Due to continuous improvement,the specification may vary from time to time.

BBW

M1

Q1

B33

S1

T1

U2

AD1

G1

H1

I1

1Mtr.

K3