

- One piece construction.
- No bolts/ gasket.
- Flush diaphragm.
- 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.
- Used in spray painting waste water treatment and chlorination plant etc., may adversely affect gauge life.

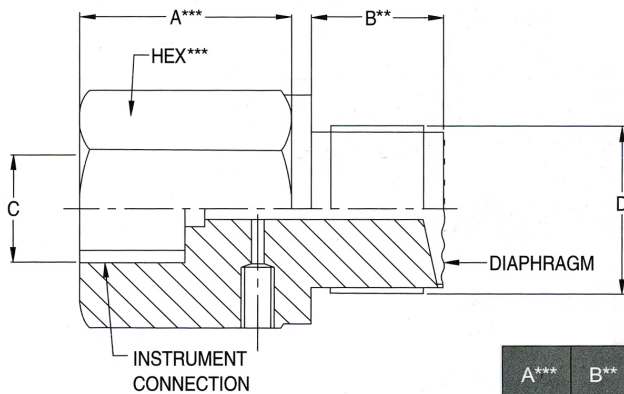


SPECIFICATION

- ◆ Range: 4kg/cm²~250kg/cm².
- ◆ Process Temp.: -40°C~200°C or per fill fluid.
- ◆ Instrument Connection: 1/4" BSP(F).
- ◆ Process Connection: 3/4" BSP(M).
- ◆ Diaphragm : AISI 316L SS.
- ◆ Body: AISI 316L SS.
- ◆ Fill Fluid: Silicon Oil-DC200

*The pressure gauge used with this diaphragm seal, will be provided with NS 63mm. Pressure Gauge will be provided maximum to NS 100 mm and maximum 63 mm internal system.

DIMENSION



FROM 3/4" BSP to BSP
TO SUIT PROCESS CONNECTION
* ** As Per Thread Size

| A*** | B** | C | D* | HEX*** |
|------|-----|-------------|----|--------|
| | | 1/4" BSP(F) | | |

OEDER INFORMATION

BASIC MODEL

BBT

OPTIONS

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

CHAMBER

- Y1 AISI 316LSS
- Y2 AISI 304SS
- Y3 HASTELLOY 'C'

Y1

DIAPHRAGM

- T8 AISI 316L SS
- T9 HASTELLOY 'C'

T8

INSTRUMENT CONNECTION

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

Q4

PROCESS CONNECTION

- O15 1" NPT (M)
- O18 1 1/2" NPT (M)
- O21 2" NPT (M)
- O16 3/4" NPT (M)
- O19 1" BSP (M)
- O22 1 1/2" BSP (M)
- O17 2" BSP (M)
- O20 3/4" BSP (M)
- O11 1/2" BSP (M)*
- O12 1/2" NPT (M)*

O15

* Suitable for Pressure Transmitters only.

FILLING FLUIDS

- T1 FLUROLUBE 4.2 [-45 TO 175°C / -49 TO 374° F]
- T3 FLUROLUBE 6.3 [-40 TO 235°C / -40 TO 455° F]
- T5 FLUROLUBE FS5 [-40 TO 150°C / -40 TO 302° F]
- T7 FOOD GRADE OIL [-20 TO 140°C / -4 TO 284° F]
- T9 SILICON DC 200-10CS [-40 TO 205°C / -40 TO 401° F]
- T8 SYL THERM XLT [-75 TO 150°C / -102 TO 302° F]
- T10 HALOCARBON OIL

T1

TYPE

- G1 WITHOUT CAPILLARY
- G2 WITH CAPILLARY

G1

CAPILLARY

- H1 AISI 304 SS
- H2 AISI 316 SS

H1

CAPILLARY COVERED WITH ARMOUR

- I1 AISI 304 SS
- I2 AISI 316 SS
- I3 PVC

I1

CAPILLARY LENGTH(Max up to 2Mtrs.)

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

1Mtr.

OTHER OPTIONS

- K3 HELIUM LEAK TEST
- K4 DRY SEAL ONLY WITHOUT INSTRUMENT

K3

Ordering Example:

BBT-Y1-T8-Q4-O15-T1-G1-H1-I1-1Mtr.-K3

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