

DIAPHRAGM SEAL

DIRECT COUPLED TYPE (COMPACT DESIGN)

BBR



SPECIAL FEATURES

- COMPACT DESIGN
- SINGLE PIECE CONSTRUCTION
- IDEAL FOR GENERAL PURPOSE APPLICATION
- LOW COST SOLUTION
-

APPLICATIONS

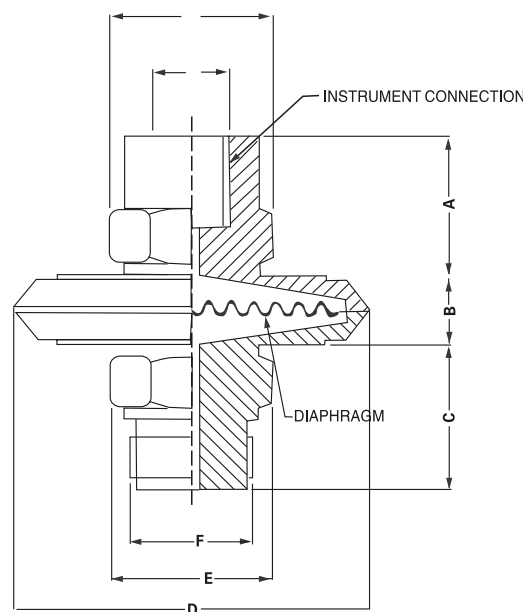
DIAPHRAGM SEALS ARE PROVIDED IN THE INSTRUMENTS LIKE PRESSURE GAUGES, SWITCHES, TRANSMITTERS IN ORDER TO ISOLATE THE SENSING ELEMENT FROM THE MAIN SERVICE DUE TO ITS CORROSIVE, VISCOUS AND SEDIMENTED NATURE AND TO AVOID CLOGGING AND SOLIDIFICATION.



SPECIFICATIONS

STANDARD VERSION:

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)
Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Fill Fluid	: Silicon Oil-DC-200



A	B	C	D	E	F	G
26	12	25	40-70	HEXA/F 18	1/8"BDP(M)	1/4"BSP(M)

HOW TO ORDER

BASIC MODEL

BBR

OPTIONS

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

BODY

V1 AISI 316 SS

V1

DIAPHRAGM

M1 AISI 316L SS

M1

INSTRUMENT CONNECTION

Q1 1/2"NPT(F) Q3 1/4" NPT
Q4 1/2"BSP(F) Q4 1/4" BSP

O1

PROTESS CONNECTION

Q12 1/2"NPT(M) Q13 1/4" NPT
Q11 1/2"BSP(M) Q14 1/4" BSP

O12

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 410°C/-40 TO 770 ° F]	T4 SILICON DC 710 [5TO 400°C/-41 TO752 ° 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

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

I2

CAPILLARY LENGTH(Max up to 6Mtrs.)

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

3Mtr.

OTHER OPTIONS

K3 HELIUMLEAK TEST K4 DRY SEAL ONLY WITHOUT INSTRUMENT

K3

Ordering Example:

BBR-V1-M1-O1-O12 -T1-K3

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