DIAPHRAGM SEAL

DIRECT COUPLED TYPE(COMPACT CESIGN) BBR MIX

SPECIAL FEATURES

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

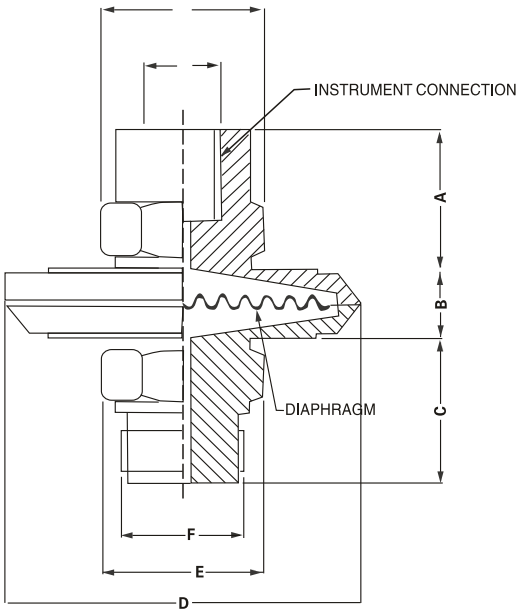
DIAPHRAGM SEALS ARE PROVIDED IN THE INSTRUMENTS LIKE PRESSURE GAUGES, SWITCHES, TRANSMITTERS IN ORDER TO ISOLATE THE SENSING ELEMENT FROM THE MAIN SERVICE DUE TO ITS CORROSIVE, VISCOUS AND SEDIMENTED NATURE AND TO AVOID CLOGGING AND SOLIDIFICATION.

SPECIFICATIONS

STANDARD VERSION:

Range	:	−1kg/cm² to21kg/cm²
Process Temperature	:	−40℃ to 200℃ oras 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

V1 AISI 316 SS

DIAPHRAGM

M1

M1 AISI 316L SS

INSTRUMENT CONNECTION

O1

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

PROTESS CONNECTION

O12

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

FILLNG FLUIDS

T1

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

OTHER OPTIONS

K3

K3 HELIUMLEAK TEST
K4 DRY SEAL ONLY WITHOUT INSTRUMENT

Ordering Example:

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

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