

DIAPHRAGM SEAL

SANITARY SEAL (CLAMP TYPE)



BBU



SPECIAL FEATURES

- QUICK CONNECT AND DISCONNECT
- FORHYGIENE APPLICATIONS
- EASY TO CLEAN

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. THESE SEALS ARE USED IN QPPLICATIONS WHERE PURITY IN PROCESS IS ESSENTIAL-TYPICALLY IN FOOD, DAIRY BEVERAGES AND PHARMACEUTICAL INDUSTRIES.

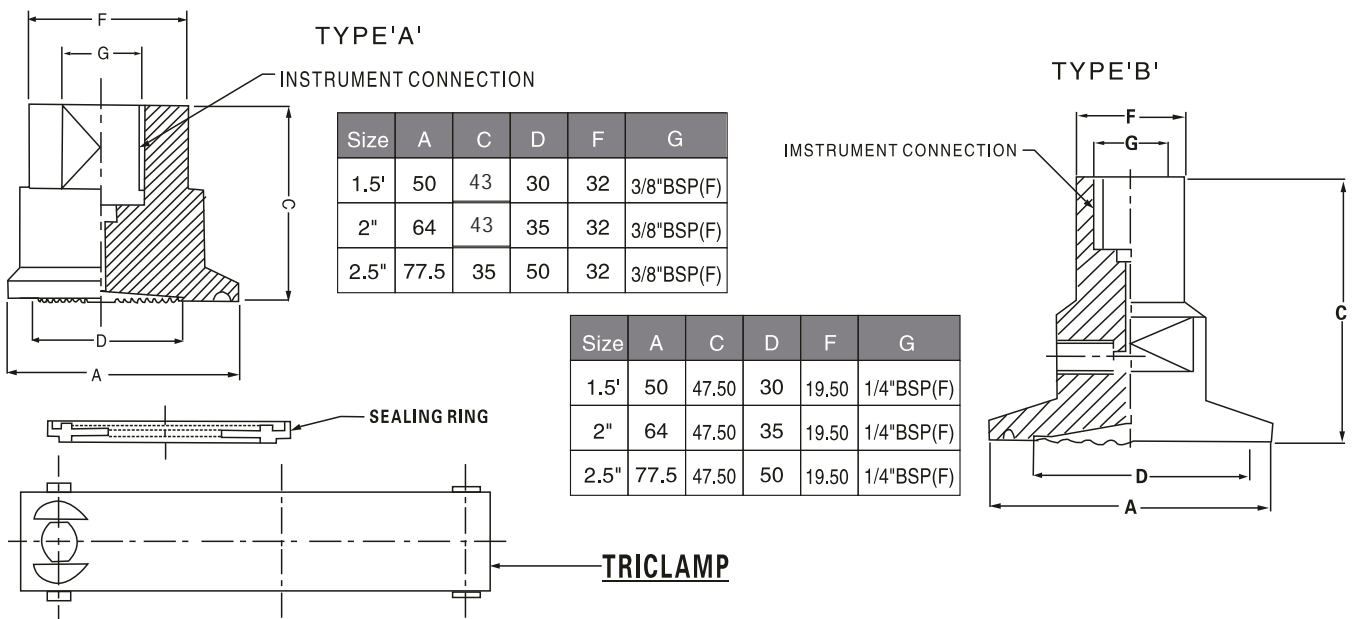


SPECIFICATIONS

STANDARD VERSION: (for Ns 100mm & above)

Range	: -1kg/cm ² to 21kg/cm ²
Process Temperature	: -20°C to 140°C or as per fill fluid
Instrument Connection	: 3/8" BSP (F)
Process Connection	: 1 1/2" SANITARY SEAL (without clamp & gasket)

Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Fill Fluid	: Food Grade Oil



Note: • D drawings are not to scale. All Dimensions are in mm.

HOW TO ORDER

BASIC MODEL

BBU

OPTIONS

TYPE

AB1 TYPEA **AB2** TYPEB

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

AB1

INSTRUMENT CONNECTION

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

Q6

DIAPHRAGM

T8 AISI 316L SS

T8

PROCESS CONNECTION

Q23 1 1/2" SANITARY SEAL IN AISI 316 SS
Q24 2" ANITARY SEAL IN AISI 316 SS
Q25 1/2" SANITARY SEAL IN AISI 316 SS

Q23

CLAMP

Z1 1 1/2" CLAMP AISI 304 SS
Z2 2" CLAMP AISI 304 SS
Z3 2 1/2" CLAMP AISI 304 SS

Z1

*Note: Above does not include bottom mating part. If required, please refer factory.

MATING PARTS

AA1 1 1/2" SANITARY SEAL IN AISI 316 SS
AA2 2" SANITARY SEAL IN AISI 316 SS
AA3 2 1/2" SANITARY SEAL IN AISI 316 SS

AA1

TYPE

G1 WITHOUT CAPILLARY **G2** WITH CAPILLARY
G3 WITHOUT NECK TYPE **G4** NECK TYPE

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 LENGTHY (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:

BBU-AB1-Q6-T8-O23-Z1-AA1-G1-H1-I1-1Mtr.-K3

Note: ● Due to continuous improvement, the specification