

Model 600TW

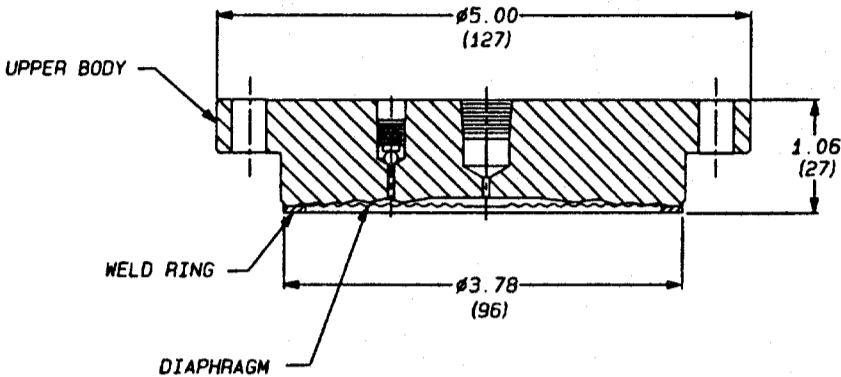
Diaphragm Seals for Flanged Off-Line Process Connections Designed to Fit "WEDGE" Flow Measurement Piping

Process Connection Sizes

"WEDGE" Flow Measurement Piping

Maximum Pressure Rating

1500 PSIG (10.35 MPa) @ 100°F (38°C) (See Note 4)



(Dimensions in millimeters)

Standard Features and Options

This flanged connection, off-line seal has a diaphragm welded to the upper housing. This design allows for the use of diaphragm materials that are of a weldable grade. The displacement capability of this series of diaphragm seal is 0.25 cubic inches utilizing a 3.00" (76.20mm) diameter diaphragm. Designed for sealed systems used in conjunction with "wedge" flow measurement piping. This seal is provided as an upper assembly only. Process bolting and gaskets are not provided.

Offerings

Upper Materials: 316 Stainless Steel or Hastelloy C

Other materials available, consult the factory.

Diaphragm Materials: 316L Stainless Steel or Hastelloy C. Other materials available, consult the factory.

CONTROL ENGINEERING DATA

600TW7095

BODY MATERIAL

7000 = 316 Stainless Steel

7095 = 316 Stainless Steel

7243 = Hastelloy C-276

600TW = Flanged Off-Line (Wedge Flow Measurement Piping)

DIAPHRAGM MATERIAL

316L Stainless Steel

Hastelloy C-276

Hastelloy C-276

CATALOG NUMBERS AS RECEIVED
FOR THE 600TW SERIES MUST
CONTAIN NINE (9) CHARACTERS

Notes:

1. Other body and diaphragm materials available, consult the factory.
2. Instrument connection is 1/4" NPTF with bleed
3. N.A.C.E. - Welded diaphragm seals with Hastelloy C-276 or Monel wetted materials of construction will meet the requirements of N.A.C.E. International Document MR-0175-1995. 316 Stainless Steel construction will NOT BE offered in a welded design as meeting N.A.C.E. MR-0175-1995 requirements as the weld area of the diaphragm seal will not meet the maximum hardness specifications within this document.
4. Refer to Miscellaneous Data Section for Pressure-Temperature Rating Guide.