


Diaphragm Sealed Pressure Gauges



Registered No. 325327

Designed for Chemical Application

 Diaphragm Sealed Pressure Gauges are designed to measure the corrosive fluids pressure, where suitable material for bourdon tube is not available.

The Diaphragm assembly withstands various corrosive actions encountered and seals the Bourdon tube from the process fluid. The displacement of the liquid filled in the Bourdon tube, through movement of the diaphragm, transmits the process pressure to the gauge. The Diaphragm sealed connections are available with threaded type, flanged type and capillary type mountings.



*Simplifying Technology
Redefining Value...*

SPECIFICATIONS:-**PRESSURE GAUGE END***** Dial Size:**

65mm / 100mm & 150MM

*** Accuracy:**

± 1% of f.s.d.

*** Bourdon Material:**

AISI 316 SS

*** Socket Material:**

S.S. 304

*** Movement Material:**

S.S. 304

*** Case & Bezel :**Die Cast Aluminum Weatherproof housing, with
Screwed, out bezel, stoved enamel black finish.*** Extra Fitments:**Micro Zero Adjustment Pointer
Neoprene blow out disc.**SEALED UNIT END:***** Upper Chamber Material:**

S.S. 304

*** Diaphragm Material:**

SS 316

if needed Teflon sheathing can be provided.

*** Lower Chamber Material:**

S.S. 316 or any special material.

*** Connection:**

Threaded or flanged or flexible SS capillary can be provided.

*** Sealing liquid:**

Silicon Oil or suitable liquid as desired by the user.

*** Temperature Limit:**45⁰ C to 250⁰ C Max.For high temp. go for cooling tower assembly – impulse
tubing or capillary extension.

Different type of Chemical Seals can be provided such as:

- ⇒ Flange-type diaphragm seals.
- ⇒ Cell-type(sandwich) diaphragm seals.
- ⇒ Flange-type seals with extended diaphragm.
- ⇒ With hygenic-type connection
 - SMS Standard
 - Tri clamp fitting
- ⇒ Pulp and paper industry design.
- ⇒ High pressure diaphragm seals, homogenizer flange.
- ⇒ Welded body, male thread.
- ⇒ Capsule-Type Chemical Seals.

Chemical Seals Accessories can be provided such as:

- ⇒ Block flanges for plain pipe
- ⇒ Block Flanges for jacketed pipe
- ⇒ Saddle flanges to be welded on to pipe well
- ⇒ Cooling tower, Capillary extension
- ⇒ Flushing ring

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