

Diaphragm Barrier Seal - With Hygienic Type Process Connection

Tri-Clamp, IDF, RJT, DIN, SMS & Homogenizer



Application

These seals are combined for use with pressure gauges or transmitters, and are intended for use with hygienic processes in the pharmaceutical and food industries

Pressure Rating

40bar maximum, depending upon pressure rating of connection. Homogenizer 600 bar

Standard Pressure Gauge

100mm all Stainless Steel construction with acrylic window

Ranges: - 0-6, 0-10, 0-16, 0-25 & 0-40 bar

Homogenizer gauge ranges:- 0-250, 0-400 & 0-600 bar

Standard specifications

Body

Stainless Steel 316L

Diaphragm

Stainless Steel 316L

Electron Beam Welded – Helium leak tested.

Process connection

IDF female union nut

RJT female union nut

DIN union nut

SMS female union nut

Tri-clamp

Homogenizer

Sealing rings

EPDM

Filling liquid

Glycerine/water mixture, food compatible

Operating temperatures

-10 Celsius to +120 Celsius

Optional Specifications

Gauge

150mm case, Dual scales

Glycerine Filled head

Electrical Contacts

Single or dual

Process connection

Male thread instead of female Union nut

Clamp supplied as extra

Block supplied as extra

Sealing rings

Viton or Nitrile

Filling liquid

Special filling liquids available –

To suit process conditions

Operating temperatures

-10 Celsius to +200 Celsius

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SEAL IDENTIFICATION ASSISTANT

