

Pressure gauges with diaphragm in stainless steel

Pressure gauges with diapraghm in AISI 316 Stainless steel. It is designed for high viscosity or corrosive fluids. Especially suitable for difficult operating conditions due to the existence of vibration or rapid pressure changes. Useful in harsh environments, and ammonia cooling systems.

Application:

- **Cooling**
- **Air conditioning**
- **Food**
- **Treatment Plants**
- **Hydraulic**

STANDARD PARAMETERS

Pressure gauge

Closing: Bayonet

Mounting: See attached diagram **A**

Threaded connection: ½"BSP

IP protection: IP65

Accuracy: Class 1.0

Pressure limits:

- Static: ¾ end of scale
- Oscillating: ⅔ end of scale
- Maximum: Full scale for a short period of time

Temperature limits:

- Environment: -40+65°C
- Fluid: 60°C

Range: **0...25** Bar

Scale: Bar

Antivibration fluid: **Glycerine 99.8%** or **dry**

Pointer: Micrometric adjustment

Sensor element: Bourdon tube ("C" form)

Pressure relief system: Blow-out disc

Overtemperature relief system: Upper plug

Diaphragm

Temperature limit of the transmission liquid: Up to 200°C

MATERIALS

Pressure gauge

Case and ring: AISI 304 Stainless steel

Bourdon tube and moving parts: AISI 316 Stainless steel

Threaded connection: AISI 316 Stainless steel

Display: Safety glass

Dial: White laquered aluminum

Pointer: Black laquered aluminum

Pressure gauge welding: TIG welding

Blow-out disc and overtemperature relief plug: Neoprene

Diaphragm

Body: AISI 316 Stainless steel

Tranmission liquid: Silicon oil

Bolts: AISI 316 Stainless steel

A Bottom

Dimensions in mm





