

Pressure gauges with diaphragm in stainless steel

Pressure gauges with diaphragm 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.



STANDARD PARAMETERS

Pressure gauge

Design: **EN 837-1**

Closing: Bayonet

Mounting: See attached diagram **A**

Threaded connection: $\frac{1}{2}$ "BSP (UNE-EN ISO 228-1)

IP protection: IP65 (EN 60529 / IEC 529)

Accuracy: Class 1.0

Pressure limits:

Static: Full scale

Oscillating: 0.9 end of scale

Maximum: 1.3 end of scale for a short period of time

Temperature limits:

Environment: -40+65°C

Fluid: 60°C

Range: **0...60 Bar**

Scale: Bar

Subdivision: According to standard **EN 837-1**

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

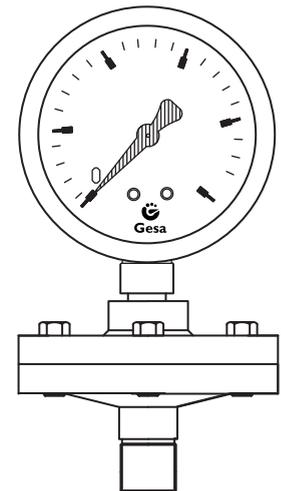
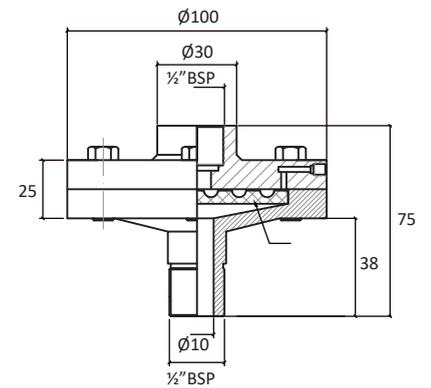
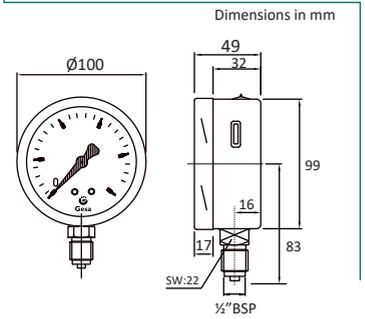
Diaphragm

Body: AISI 316 Stainless steel

Transmission liquid: Silicon oil

Bolts: AISI 316 Stainless steel

A Bottom



Application:

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

How to order

1. Case diameter

Ø100

2..Pressure range (Bar)

0+2.5 0+6 0+16 0+40
0+4 0+10 0+25 0+60

3.Pressure scale

Bar

4.Mounting

A

5.Threaded connection

$\frac{1}{2}$ "BSP

6.Connection material

AISI 316 Stainless steel

7.Antivibration fluid

Glycerine 99.8%
Dry

8.Calibration certificate traceable to ENAC

7 point certificat
Without certificat

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