



Especially designed for difficult operating conditions like vibrations or rapid pressure changes. Suitable for use in systems with low viscosity that do not attack copper alloys such as cooling systems.

Manufactured according to **EN 837-1** standards.

STANDARD PARAMETERS

Design: **EN 837-1**

Closing: Sealed ring

Mounting: See attached diagram **A**, **B**, **C** or **D**

Threaded connection: **Ø63**: ¼" BSP; **Ø80**: ⅜" BSP; **Ø100**: ½" BSP (**UNE-EN 10226-1**)

IP protection: **IP65** (**EN 60529** / **IEC 529**)

Accuracy: Class 1.6

Pressure limits:

Static: ¼ end of scale

Oscillating: ⅓ end of scale

Maximum: Full scale for a short period of time

Temperature limits:

Environment: -20+50°C

Fluid: 100°C

Range: **-1...0...1000 Bar**

Scale: **Bar/Psi, Bar or cmHg**

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

Antivibration fluid: Glycerine 99.8%

Sensor: Bourdon tube (<60 Bar: "C" form; >60 Bar: helical)

Overtemperature relief system: Upper plug

MATERIALS

Case: **AISI 304 Stainless steel**

Bourdon tube and moving parts: **AISI 316 Stainless steel**

Threaded connection: **AISI 316 Stainless steel**

Display: Polycarbonate

Dial: White laquered aluminum

Pointer: Black laquered aluminum

Welding: TIG Welding

Overtemperature relief plug: Neoprene

Application:

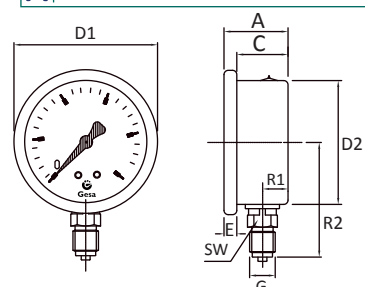
- Ship supplies
- Irrigation systems
- Air conditioning
- Food industry
- Pneumatics
- Hydraulics

DIMENSIONS (mm)

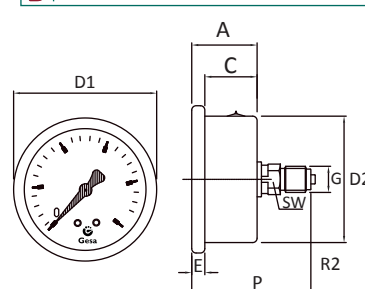
WEIGHT (g)

DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	P	B1	B2	B3	
Ø63	A/C	10	29	23	68	6	61	¼ BSP	56	14	-	86	80	3,5	188
Ø63	B/D	-	29	23	68	7	61	¼ BSP	-	14	58	86	80	3,5	184
Ø80	A/C	10	30	22	88	8	80	⅜ BSP	60	17	-	112	104	5	335
Ø80	B/D	-	30	22	88	8	80	⅜ BSP	-	17	61	112	104	5	299
Ø100	A/C	16	37	29	109	8	99	½" BSP	83	21	-	132	124	5	550
Ø100	B/D	-	37	29	109	8	99	½" BSP	-	21	77	132	124	5	547

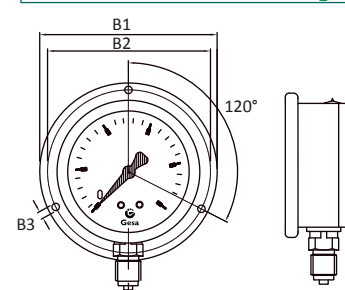
A Bottom



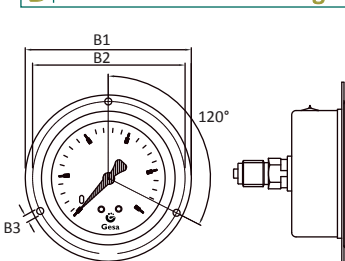
B Back



C Bottom with back flange



D Back with frontal flange



How to order

1. Case diameter

Ø63 Ø80 Ø100

2. Pressure range (Bar)

-1+0 -1+1.5 -1+5 -1+12 -1+24 0+1 0+2.5 0+6 0+16 0+40 0+100 0+250 0+400 0+1000

Ø63 Ø80 Ø100

-1+0.5 -1+3 -1+9 -1+15 0+0.6 0+1.6 0+4 0+10 0+25 0+60 0+160 0+315 0+600 **-76+0**

3. Pressure scale

Bar Bar/Psi cmHg

4. Mounting

A **B** **C** **D**

5. Threaded connection

¼" BSP ½" BSP ¾" BSP
¼" BSPT ½" BSPT ¾" BSPT
¼" SAE 7/16" SAE

6. Connection material

AISI 316 Stainless steel

7. Antivibration fluid

Glycerine 99.8%

8. Calibration certificate traceable to ENAC

7 Points Certificate

M0305 -

1	2	3	4	5	6	7	8