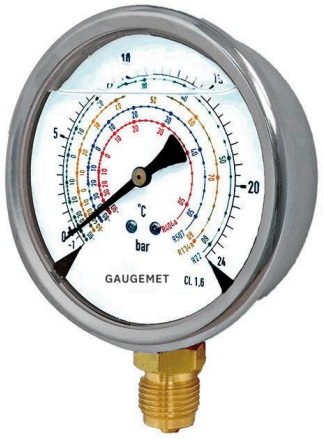


Pressure gauge for refrigeration systems with case in stainless steel

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.
Especially designed for difficult conditions of use, as there are vibrations or quick changes of pressure.

Application:

- **Refrigeration**
- **Air conditioning**
- **Food industry**

STANDARD PARAMETERS

Closing: Sealed ring
Mounting: See attached diagrams **A** , **B**, **C** or **D**
Threaded connection: **Ø63**: ¼"BSP; **Ø100**: ½"BSP; Or NPT
IP protection: IP65
Accuracy: Class 1.6
Pressure limits:
- Static: ¾ end of scale
- Oscillating: ⅔ end of scale
- Maximum: Full scale for a short period of time

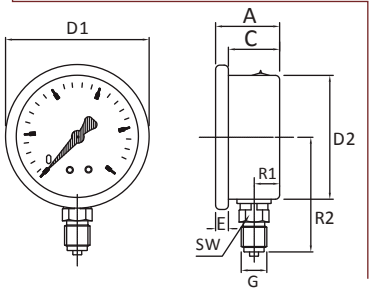
Temperature limits:
- Environment: -20+50°C
- Fluid: 80°C

Range: **-1+12** or **-1+24** Bar
Scale: Bar/R22/R134a/R404a/R507
Antivibration fluid: Glycerine 99.8%
Sensor element: Bourdon tube ("C" form)
Overtemperature relief system: Upper plug

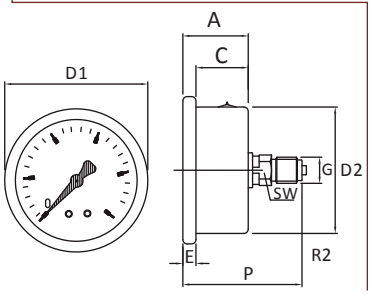
MATERIALS

Case and ring: AISI 304 Stainless steel
Bourdon tube and moving parts: Cu Alloy
Threaded connection: Brass
Visor: Polycarbonate
Dial: White laquered aluminum
Pointer: Black laquered aluminum
Welding: Cu-Sn
Overtemperature relief plug: Neoprene

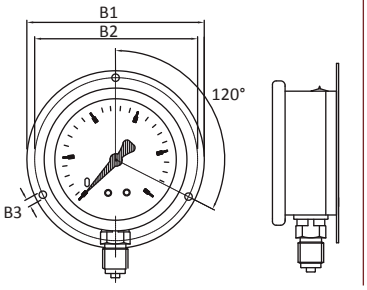
A Bottom



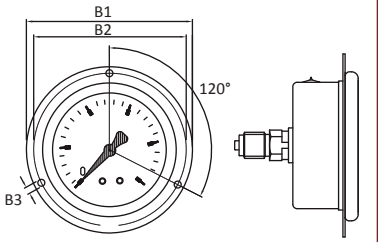
B Back



C Bottom with back flange



D Back with frontal flange



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	180
Ø63	B/D	-	29	23	68	6	61	¼ BSP	56	14	58	86	80	3,5	180
Ø100	A/C	12	37	29	109	8	99	½"BSP	87	21	-	132	124	5	607
Ø100	B/D	-	37	29	109	8	99	½"BSP	87	21	77	132	124	5	607