

All stainless steel pressure gauge for ammonia

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts. Especially designed for refrigeration systems and ammonia.

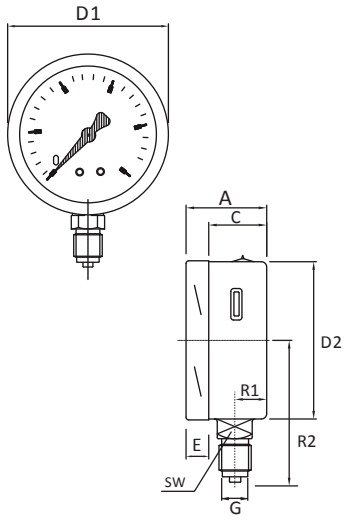
Application:

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

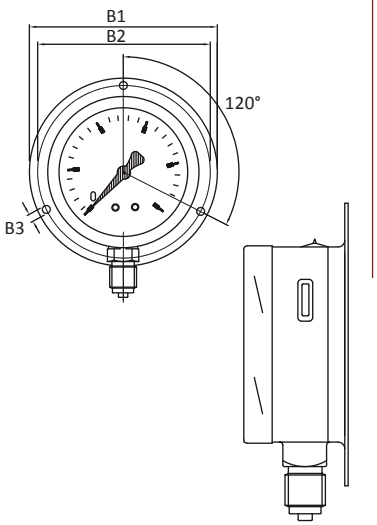
STANDARD PARAMETERS
Closing: Bayonet
Mounting: See attached diagrams A or C
Threaded connection: ½"BSP; Or NPT
IP protection: IP65
Accuracy: Class 1.0
Pressure limits:
Static: ¾ end of scale
Oscillating: ⅔ end of scale
Maximum: Full scale for a short period of time
Temperature limits:
Environment: -40+65°C
Fluid: 60°C
Range: **-1+9, -1+12, -1+15**o **-1+25** Bar
Scale: Bar/ °C for refrigerant R717 (NH_3)
Pointer: Micrometric adjustment
Sensor element: Bourdon tube (<60 Bar: "C" form; >60 Bar: helical)
Pressure relief system: Blow-out disc
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: Safety glass
Dial: White laquered aluminum
Pointer: Black laquered aluminum
Welding: TIG welding
Blow-out disc and overtemperature relief plug: Neoprene

A Bottom



C Bottom with back flange



DIMENSIONS (mm)															WEIGHT (g)
DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	P	B1	B2	B3	
Ø100	A	16	49	32	101	17	99	½" BSP	83	22	-	-	-	-	545
Ø100	C	16	49	32	101	17	99	½" BSP	83	22	86	132	124	5	566