

AVE-63 - Glycerine Filled Pressure Gauge

Specification Sheet

Overview

This is the 'standard' gauge we supply with our DP and ACB vacuum chamber ranges. Versatile, reliable, and high quality.

Applications

- For measuring points with dynamic pressure loads or vibrations
- For gaseous and liquid media that are not highly viscous or crystallising and will not crack copper alloy parts.
- Hydraulics
- Compressors, ship building



Features

Accuracy class: 1.6

Design: EN 837-1

Nominal Size: 63mm

Scale Ranges: 0 – 1000 mbar

Units: Millibar - mbar (black), inches of mercury – in/Hg (red)

Ingress Protection: IP65 per EN60529 / IEC 529

Permissible Temperature: -40 ... +60°C

Temperature Effect: When the temperature or the measuring system deviates from the reference temperature (+20°C): max $\pm 0.4\%$ / 10K of full scale value.

(Can be calibrated for extra cost – traceable with serial number)



Standard Version

Process connection: CU-Alloy, G1/4" male, 14mm flats

Pressure Element: CU-Alloy

Movement: CU-Alloy

Dial: Plastic, white, black, red (absolute pressure)

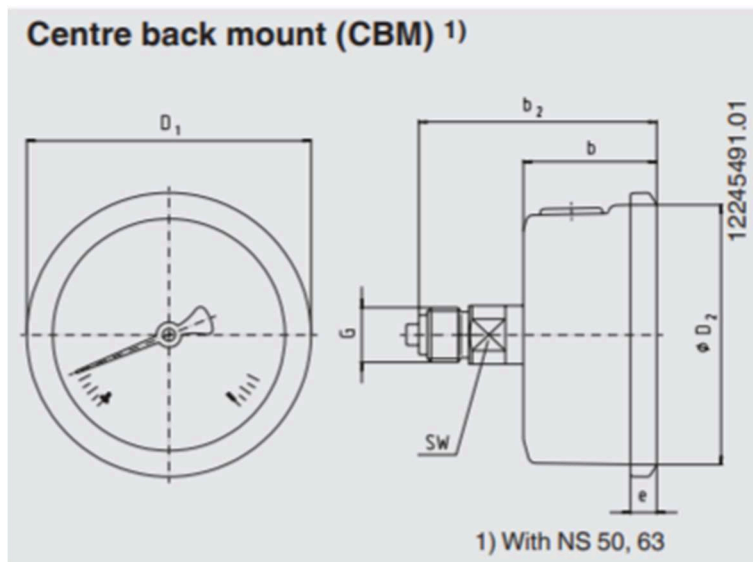
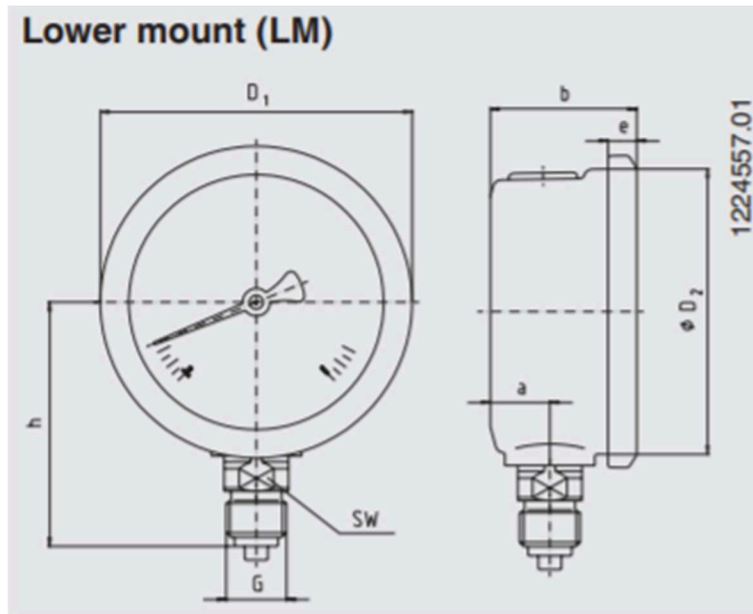
Pointer: Plastic, black

Case: Stainless steel

Window: Plastic, crystal clear

Bezel Ring: Crimping, glossy finish, stainless steel, triangular bezel.

Dimensions – in mm



NS	Dimensions in mm										Weight in kg
	a	b ± 0.5	b ₂ ± 0.5	D ₁	D ₂	e	f	G	h ± 1	SW	
63	13	32	56	68	62	6.5	-	G ¼ B	54	14	0.21