

UTILITY & CAPSULE PRESSURE GAUGES

BRASS / STAINLESS STEEL WETTED PARTS



MAIN FEATURES

Socket-case, direct welded
Threaded / Flanged connection
Dry / liquid filled

SUGGESTED APPLICATIONS

Liquid & gaseous mediums
Corrosive environments
Oil & Gas applications
Chemical & Petrochemical
Food & Beverages
Clean-air applications

TEMPERATURE EFFECT

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



BRASS / STAINLESS STEEL CAPSULE PRESSURE GAUGES

BASIC DESCRIPTION

Design : EN 837-3
Sensing element : Capsule
Accuracy: $\pm 1.6\%$ of full scale
Service temperature : 150°C max. [for SS system]
100°C [for Copper alloy system]
Pressure limits : Steady pressure up to 75% of FS value
No over-pressure
Weld joints : TIG argon arc welding [for SS system]
Silver Alloy bracing [for Copper alloy system]

PRODUCT SPECIFICATION

STANDARD VERSION (131B/131C)

Dial size : 63mm / 100mm / 150mm
Range : -25mbar...0...+600mbar
Mounting pattern : Direct, Bottom connection Process
connection : $\frac{1}{4}$ " NPT(M) / $\frac{1}{2}$ " NPT (M) / $\frac{1}{2}$ " BSP (M)
Ingress protection : IP 54
Execution : Dry
Case & Ring material : AISI 304 SS (Bayonet type)
Capsule & Shank : AISI 316 SS
Movement mechanism : Copper alloy
Dial : Aluminum, black graduation on white background
with zero adjustment on dial
Pointer : Fixed, aluminum, black powder coated
Vent plug : ON/OFF TYPE
Window: Acrylic glass / Shatterproof Safety Glass

PRODUCT SPECIFICATION

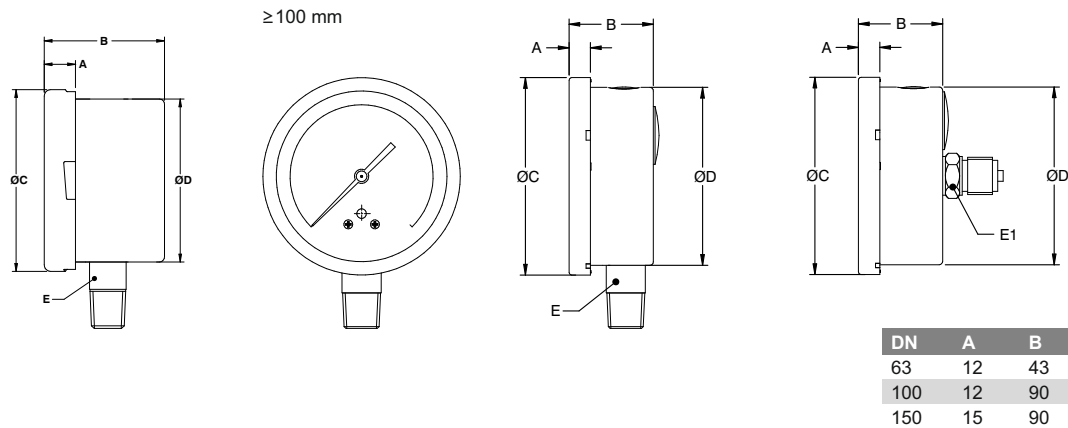
BRASS VERSION

Dial size : 63mm / 100mm / 150 mm
Range : -25mbar...0...+600mbar
Capsule & Shank : AISI 316 SS

DIMENSIONAL DRAWINGS

100mm / 150 mm

MOUNTING ACCESSORIES



NOTES

1. Drawing not to scale. All dimensions are in mm.

2. For other mounting details, Panel cut-out dimensions, kindly contact factory.

All dimensions are in mm.

MODEL CODING

MODEL	-	DIAL SIZE	MOUNTING	CONNECTION	CASE EXECUTION	/	RANGE	/
131 B = Utility Pressure Gauge, Capsule Type 131C = Capsule Process Pressure Gauge		63 = 63 mm 100 = 100 mm 150 = 150 mm	B = Direct Bottom L = Lower Back C = Centre Back*	M2N = ¼" NPT (M) M2B = ¼" BSP (M) M4N = ½" NPT (M) MBN = ½" BSP (M) M2M = M12 X 1.0P M4M = M20 X 1.5P M3B = ¾" BSP (M)	D = Dry		-25...0 to 0...600mbar or equivalent units	
OTHER OPTIONS								
FF = Front flange with back mounting (3 Hole Panel) UC = Surface Plate TS4=Tag plate in SS 304 TS6 = Tag plates in SS 316			CD = Custom Design Dial TD= Tag Marking on Dial RT = Rolling type Case & Ring BT = Bayonet Type Case & Ring EZ = External Zero Adjustment			MTC2.2 =Material test certificate, 2.2 MTC = Material test certificate. 3.1 CC = 5-point calibration certificate		

ORDERING EXAMPLE 131B/131C- 63-S16-B-M2N-SO4-Y/RANGE/A6.CC.

QUICK ORDER DETAILS / FEEDBACKS