

Stainless Steel Brass Internals Fillable Pressure Gauges



TECHNICAL SPECIFICATIONS

Dial Diameter	63mm
Design	BS EN 837
Accuracy Class	1.6 (for Class 1.0 - see PG040)
Ranges	-1 to 0 bar & psi through to 0 to 600 bar & psi
Case	Stainless steel 304
Connection	63mm diameter: 1/4" BSP or NPT Brass bottom or centre back entry 100mm diameter: 1/2" BSP or NPT Brass bottom or lower back entry
Bezel	Stainless steel 304. 50mm & 63mm dia dials: rolled bezel, 100mm dia dial: flat bezel
Window	Polycarbonate
Pointer	Black aluminium
Filling	Dry or glycerine filled
Working Pressure	Steady: 75% full scale range Fluctuating: 60% full scale range Short Time: full scale range
Operating Temperature	Ambient: -20 to +60°C Medium: -20 to +60°C
Storage Temperature	-40 to +60°C
Temperature Effect	When temperature of the pressure element deviates from reference temperature of 20°C the maximum additional error is +/-0.4 per 10°C of the span rising and falling
Bourdon	Cu-Alloy C-type
Bourdon Movement	Cu-Alloy
Protection	IP 65
Calibration	UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required

FEATURES

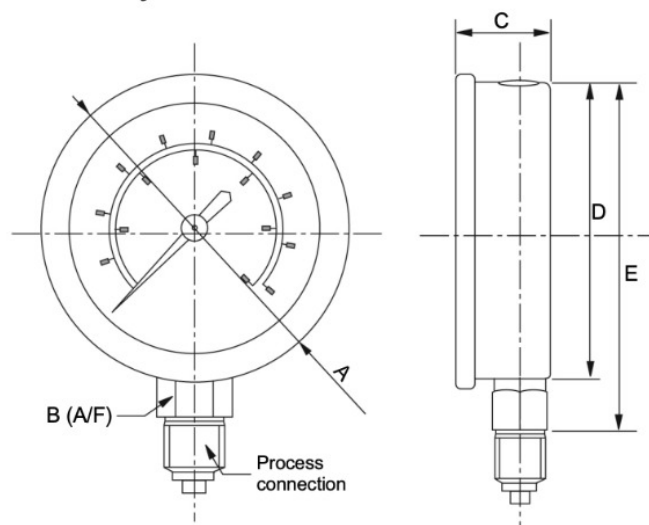
- Waterproof and corrosion resistant case
- Glycerine filling available
- Front or back flange available for panel mounting
- Brannan quality and accuracy
- For outdoor and high humidity installations
- Wide choice of pressure ranges and dial diameters
- Wide range of associated accessories available

APPLICATIONS

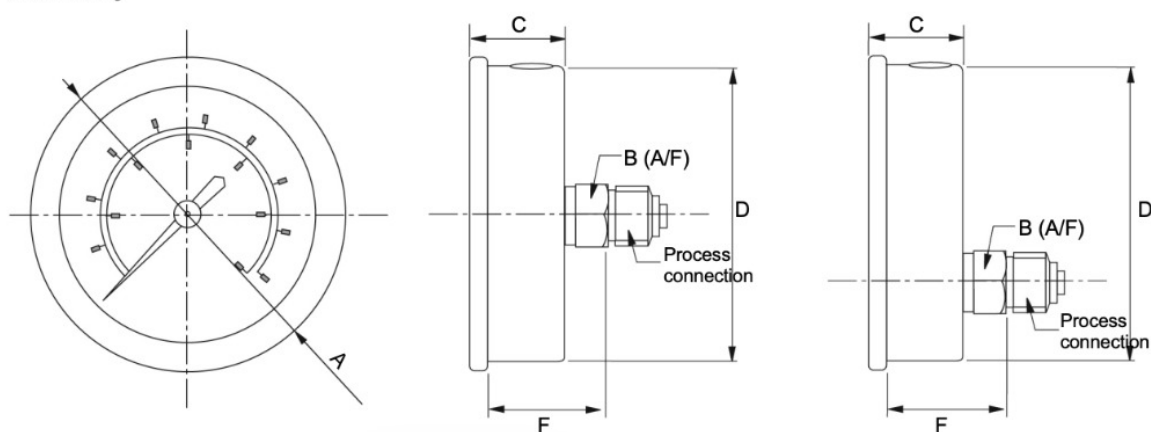
- Pneumatics
- Heating, ventilation, air-conditioning
- Pulp and paper industry
- Pumps, compressors, hydraulic presses
- High humidity installations
- Hydraulics
- Food and beverage industry
- Machine and apparatus construction
- Outdoor installations

1.6% accuracy class dimensions:

Bottom entry



Back entry



1.6% accuracy class dimensions

Dial diameter	ØA	B (A/F)	C	ØD	E	F
40mm (1.5")	46.7mm	11mm	24.8mm	40.0mm	48.0mm	30.0mm
50mm (2.0")	58.0mm	14mm	29.0mm	52.0mm	62.0mm	34.5mm
63mm (2.5")	68.0mm	14mm	29.0mm	61.0mm	72.0mm	34.5mm
80mm (3.0")	87.0mm	17mm	31.0mm	80.0mm	93.0mm	63.5mm
100mm (4.0")	110.0mm	22mm	34.0mm	100.0mm	122.0mm	39.5mm

ORDER CODES				
RANGES	63mm Bottom BSP	63mm Bottom NPT	63mm Back BSP	63mm Back NPT
-30-0inHg / -1-0 bar	PG.BR63.001.1.1.GL	-	PG.BR63.001.2.1.GL	-
-1-0-3 bar	PG.BR63.037.1.1.GL	-	-	-
-1-0-5 bar	PG.BR63.038.1.1.GL	-	-	-
-30-0-150psi/ -1-0-10 bar	PG.BR63.005.1.1.GL	-	-	-
0-15 psi/ 0-1 bar	PG.BR63.009.1.1.GL	-	-	-
0-25psi / 0-1.7 bar	PG.BR63.010.1.1.GL	-	-	-
0-30 psi/ 0-2 bar	PG.BR63.011.1.1.GL	-	-	-
0-35 psi / 0-2,5 bar	PG.BR63.012.1.1.GL	PG.BR63.012.1.2.GL	-	-
0-60 psi/ 0-4 bar	PG.BR63.013.1.1.GL	PG.BR63.013.1.2.GL	PG.BR63.013.2.1.GL	-
0-100 psi / 0-7 bar	PG.BR63.015.1.1.GL	PG.BR63.015.1.2.GL	PG.BR63.015.2.1.GL	PG.BR63.015.2.2.GL
0-150 psi/ 0-10 bar	PG.BR63.016.1.1.GL	PG.BR63.016.1.2.GL	PG.BR63.016.2.1.GL	PG.BR63.016.2.2.GL
0-250 psi / 0-17 bar	PG.BR63.018.1.1.GL	-	PG.BR63.018.2.1.GL	PG.BR63.018.2.2.GL
0-300 psi/ 0-20 bar	PG.BR63.019.1.1.GL	PG.BR63.019.1.2.GL	PG.BR63.019.2.1.GL	PG.BR63.019.2.2.GL
0-350 psi/ 0-25 bar	PG.BR63.020.1.1.GL	-	PG.BR63.020.2.1.GL	-
0-400 psi/ 0-28 bar	PG.BR63.021.1.1.GL	-	-	PG.BR63.021.2.2.GL
0-600 psi/ 0-40 bar	PG.BR63.023.1.1.GL	PG.BR63.023.1.2.GL	PG.BR63.023.2.1.GL	PG.BR63.023.2.2.GL
0-1,000 psi / 0-70 bar	PG.BR63.025.1.1.GL	PG.BR63.025.1.2.GL	PG.BR63.025.2.1.GL	PG.BR63.025.2.2.GL
0-1500 psi / 0-100 bar	PG.BR63.026.1.1.GL	-	PG.BR63.026.2.1.GL	PG.BR63.026.2.2.GL
0-2000 psi/ 0-140 bar	PG.BR63.043.1.1.GL	PG.BR63.043.1.2.GL	PG.BR63.043.2.1.GL	PG.BR63.043.2.2.GL
0-2500 psi. / 0-170 bar	PG.BR63.027.1.1.GL	PG.BR63.027.1.2.GL	PG.BR63.027.2.1.GL	-
0-3000 psi/ 0-200 bar	PG.BR63.039.1.1.GL	PG.BR63.039.1.2.GL	-	-
0-3500 psi/ 0-250 bar	PG.BR63.028.1.1.GL	-	PG.BR63.028.2.1.GL	PG.BR63.028.2.2.GL
0-4000psi/ 0-270 bar	-	-	PG.BR63.040.2.1.GL	-
0-6000 psi/ 0-400 bar	PG.BR63.030.1.1.GL	PG.BR63.030.1.2.GL	PG.BR63.030.2.1.GL	PG.BR63.030.2.2.GL
0-10,000 psi/ 0-700 bar	PG.BR63.031.1.1.GL	-	PG.BR63.031.2.1.GL	PG.BR63.031.2.2.GL
0-15000 psi/ 0-1000 bar	-	PG.BR63.032.1.2.GL	-	PG.BR63.032.2.2.GL