

GENERAL EQUIPMENT GAUGES

Series P-1550 Low Cost Liquid Filled Utility Gauges

DESCRIPTION

U.S. Gauge P-1550 Liquid Filled Utility Gauges are designed for a wide range of rugged service applications on pumps, compressors, hydraulic systems, machine tools, and petrochemical processing equipment. Liquid fill fluid dampens the gauge pointer movement and improves readability making these instruments ideal for high shock and vibration applications.

Series P-1550 Liquid Filled Gauges are available in 0 to 30, 60, 100, 160, 300, 600 and 1000 psi ranges (2-1/2 inch gauge also available in 2000, 3000 psi). P-1550 Gauges are also available in bar, kPa and kg/cm² metric ranges. Rated accuracy is $\pm 2.5\%$ full scale.

Gauges feature a corrosion resistant Type 304 stainless steel case and ring, and durable polycarbonate window. Phosphor bronze bourdon tube, brass movement, and socket connections are standard. Series P-1550 Gauges come in 1-1/2 inch designs with 1/8 inch NPT center back male (CBM) connections; 2 inch and 2-1/2 inch designs with 1/4 inch NPT low male (LM) and center back male (CBM) connections.



**SERIES P-1550 LIQUID FILLED
UTILITY GAUGES**

SPECIFICATIONS

CASE

304 stainless steel

RING

304 stainless steel

WINDOW

Polycarbonate

POINTER

Galvalume black finish

SEALS

Buna N

DIAL

Galvalume, white background with blue and black markings. No name-on-dial.

SCALE

Dual scale psi/bar (100 x kPa)

MOVEMENT

Brass

BOURDON TUBE

Phosphor bronze

CONNECTION

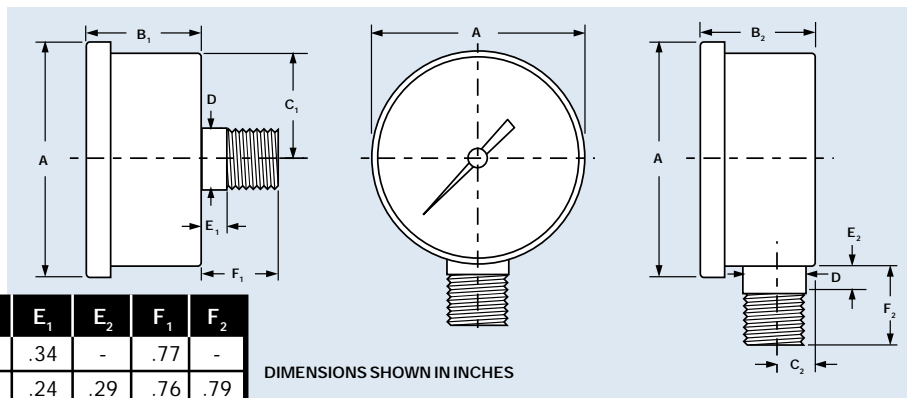
1-1/2 inch: 1/8 inch CBM, NPT

2 inch and 2-1/2 inch: 1/4 inch LM and CBM, NPT

ACCURACY

$\pm 2.5\%$ full scale

DIMENSIONS



DIAL SIZE	A	B ₁	B ₂	C ₁	C ₂	D	E ₁	E ₂	F ₁	F ₂
1-1/2 (CBM ONLY)	1.79	1.05	-	.82	-	.57	.34	-	.77	-
2	2.33	1.12	1.14	1.05	.40	.57	.24	.29	.76	.79
2-1/2	2.76	1.33	1.33	1.27	.44	.57	.46	.30	1.00	.82

EFFECTIVE: 2/02

SUPERSEDES: 10/99

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