

Liquid-filled Gauges



MODEL HPG-116A

DESCRIPTION

Our HPG series is a high quality line of glycerin filled 2 1/2" and 4" pressure gauges typically used in hydraulic and pneumatic systems where vibration and pulsation are present. The glycerin is used to keep the internal parts lubricated, keeps contamination away from the moving parts and helps reduce vibration and shock. Available in vacuum through 12,000psi.

SPECIFICATIONS

■ All gauges are a one piece design.

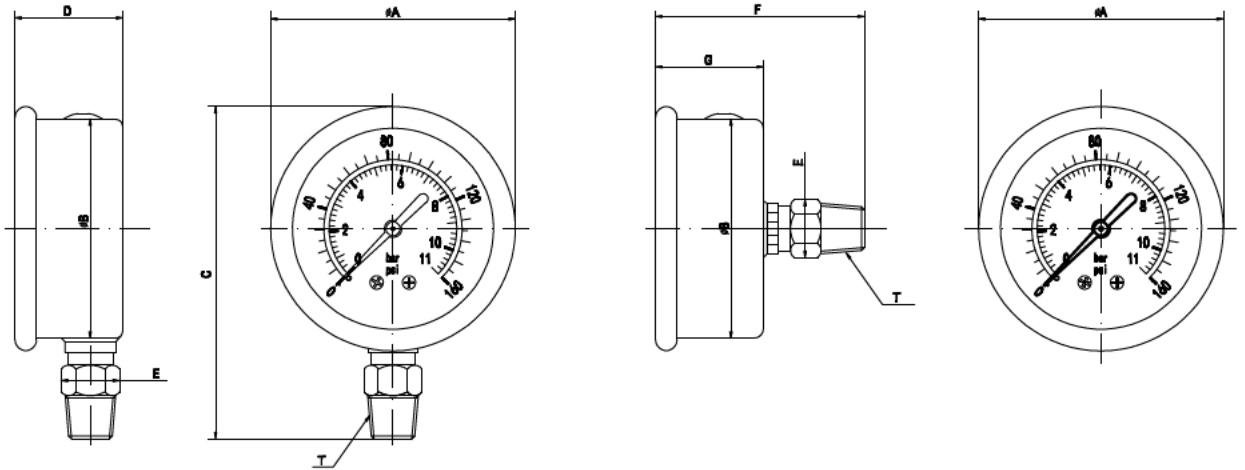
Socket	Copper alloy
Case	Stainless steel
Flange and Ring	Stainless steel
Ring	Stainless steel
Bourdon Tube	Circular in copper alloy up to 850 PSI, Helical in copper alloy above 900 PSI
Movement	Stainless steel
Window	PC (polycarbonate, acrylic)/safety glass 2.5"/4"
Dial	Aluminum plate printing with black markings

Working Range	Steady: 75% scale valve, Fluctuating: 2/3 scale valve Short time: full scale
Standard Threads	1/4NPT 1/4G 1/4R M14X1.5 M20X1.5
Filling Liquid	Glycerine fluid
Accuracy	1.6% of span
Temperature Range	Between -20°C to + 80°C
Protection Degree	IP 65
Optimal Scale	70% of full scale
Pointer	Black aluminum

ORDERING INFORMATION

HPG 116A	1	V	30	B	N2
Liquid-filled gauge model	Diameter 1 - 2.5" 2 - 4"	Type V - Vacuum C - Compound P - Pressure	Pressure range 30/0 - 30 in.Hg/0 psi 30/30 - 30 in.Hg/30 psi 30 - 30 psi 60 - 60 psi 100 - 100 psi 160 - 160 psi 200 - 200 psi 250 - 250 psi 300 - 300 psi 350 - 350 ps 600 - 600 psi 850 - 850 psi 1000 - 1000 psi 1500 - 1500 psi 2000 - 2000 psi 3000 - 3000 psi 4000 - 4000 psi 5000 - 5000 psi 6000 - 6000 psi 10000 - 10000 psi	Style B - Bottom stem U - U clamp C - C clamp D - Center back E - Flange	Thread N1 - 1/8" NPT N2 - 1/4" NPT N3 - 3/8" NPT N4 - 1/2" NPT G1 - 1/8" BSP G2 - 1/4" BSP G3 - 3/8" BSP G4 - 1/2" BSP R1 - 1/8" ZG R2 - 1/4" ZG R3 - 3/8 ZG R4 - 1/2"ZG M1 -14X1.5 M2 - 20X1.5

INSTALLATION



Size	A	B	C	D	E	F	G	T
2.5", 63mm	68.0	61.5	91.5	30.0	Hex14.0	58.5	30.0	1/4"
4", 100mm	108.5	99.0	137.0	36.0	Hex22.0	69.0	36.0	1/2"