Liquid-filled gauges

4





DESCRIPTION

Our MPG 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 10,000psi.

SPECIFICATIONS

All gauges are a	All gauges are a one piece design.		Bottom (Model A)
Socket	ocket Copper alloy		Center back (Model D) 2 1/2".
Case	Stainless steel	Standard Threads	Lower back 4"
Flange and Ring	Stainless steel (Model E)		1/4 NPT and SAE -4
Ring	Stainless steel (Model B)	Filling Liquid	Glycerine fluid
Bourdon Tube	Circular in copper alloy up to	Accuracy	1.5% of span
	600 PSI, Helical in copper al-	Temperature Range	Between -20°C to + 80°C
	loy above 900 PSI	Working Range	Steady: 3/4 scale valve,
Movement	Copper alloy		Fluctuating: 2/3 scale valve,
Window	Polycarbonate, acrylic 4"		Short time: full scale
Dial	White ABS, black scale	Protection Degree	IP 65
Pointer	Black enamelled aluminium	Scale	Concentric 270° - PSI/Bar
Mounting	Model E: Front flange with 3 mounting holes Model B: With special ring and back clamp.	Custom gauges av please contact An	

ORDERING INFORMATION

1 - 2-1/2"

2 - 4"

MPG

Liquid-filled gauge model

Diameter Type V - Vacuum C - Compound P - Pressure

V



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 300 - 300 psi 600 - 600 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

A - Bottom stem B - Panel clamp** D - Center back (Not available on 4" gauge) E - Panel flange** (Not available on 4" gauge) * Panel flange and clamp may be ordered separately to fit "D" style gauge 2-1/2" model only. Part Number: MPG-1-E - Flange MPG-1-B - Clamp



Thread N - 1/4" NPT S - SAE-4



5

DIMENSIONS



"A" nominal size

■ T = 7/16" - 20" SAE Connection, Supplied with Viton o-ring, hex nut, and washer