

Vibration-proof pressure gauge



PRODUCT OVERVIEW

Our filled gauge with crimped ring case are designed to perform in rugged applications and harsh environmental condition. These gauges offer a significant cushioning and dampening effect. Also the filling liquid can lubricate the internals and provide a longer gauge life.

The hermetically sealed construction reduces the chance of leaks. The special movement construction makes the gauge more reliable.

Specifications :

Standard executive	: GB/T1226-2001
Diameter	: Φ 63 mm / Φ 75 / Φ 100 mm.
Accuracy	: $\pm 1.5\%$ ($\pm 1\%$ available)
Range	: -0.1 Mpa – 100 Mpa (See range table)
Degree of protection	: IP65
Ambient temperature	: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Connection	: 1/4" (NPT/G/BSP), 3/8" (NPT/G/BSP), 1/2" (NPT/G/BSP)
Case	: SUS304 original color (Polishing available), outside bayonet
Bourdon tube	: Phosphor bronze
Socket	: Brass
Movement	: Brass
Seal	: EPDM
Liquid filling	: Glycerine oil 98%
Window	: Plexiglass
Dial	: Aluminium alloy, black letters in white ground
Pointer	: Black aluminium

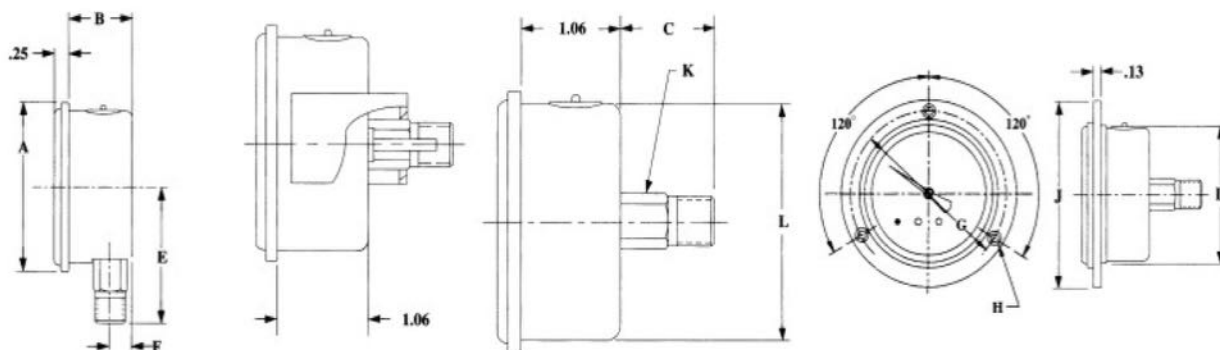
Optional extras :

- Window : Laminated safety glass
- Socket & Movement : Stainless steel
- Liquid filling : Special filled medium

Warning:

Glycerin or Silicone when combined with strong oxidizing agents, including but not limited to chlorine, nitric acid, and hydrogen peroxide, can result in a spontaneous chemical reaction, ignition, or explosion which can cause property damage and personal injury. If gauges are to be used in such service, do not use glycerin or silicone fill-consult factory for proper fill medium.

Dimension :



Size (mm)	Conn (inch)	A		B		C		E		F		G		H		K		J		L		L1	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
63	1/4	2.67	67	0.94	24	1	26	2.16	55	0.34	9	2.96	75	0.15	4	0.56	14	3.35	85	2.4	61	2.47	63
75	3/8	32	81	1	25	1.2	30	2.8	70	0.4	11									3.1	79		
100	1/2	3.94	100	1.28	33	1.3	34	3.06	78	0.53	14	4.57	116	0.19	5	0.87	22	5.2	134	3.62	92	3.67	93

How to Order

YTN - 63 (63 mm.)
75 (75 mm.)
100 (100 mm.)

- H (Bottom connection)
Z (Back connection)

- ZT (with Front Flange)
ZK (with U-clamp)