

DATA SHEET OF PRESSURE GAUGE

Stainless steel process gauges Model TIP-I (INDUSTRIAL)



Nominal size

100mm (4.5"), 150mm (6"), 200mm (8"), 250mm (10")

EN 837-1 / IS-3624.

Accuracy: Class 1 % for 100mm & 150mm.

Features

- Stainless steel construction.
- Internals stainless steel.
- Socket and case screwed/welded.
- Protection IP54, IP65, IP66 and IP67.
- Overload protection 130 %
- Dry, liquid filled.
- Optional external Zero Adjustment.
- Optional cooling tower, syphon, gauge saver and snobbery.

Applications

- Chemical & petrochemical industries, refineries, fertilizer, furnace industries, thermal & nuclear power plants, Pharma industries and so on.
- OEM & machine apparatus.

Ranges

- Vacuum upto 1000 kg/cm².
- Measuring unit based on customer requirement i.e. (Psi, bar, Kpa...)

DATA SHEET OF PRESSURE GAUGE

Dial size in mm	100	150	200	250
Construction	Bayonet.			
Measuring principle Range in kg/cm ² (or bar)	Bourdon tube. 0.6, 1, 1.6, 2.5, 4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400, 600, 1,000, 2,500 -1/0,-1/3,-1/5,-1/9,-1/15,-1/24.			
Overpressure limit Pressure type	130 % F.S. short time. Gauge, vacuum and compound.			
Process connection	1/8",1/4",3/8",1/2",BSP / NPT (M), M20x1.5 (M), Others on request.			
Connection location	Lower, back, Center back.			
Material Case & Bezel Connector/Socket/shank Sensing element Window Dial Pointer Movement	SS 304,SS 316, Optional SS 316L. SS 304,SS 316, Optional SS 316L, Monel. SS 316, Optional SS 316L, Monel, HAST ALLOY. Plain Glass, Toughened, Shatter Proof. Aluminum with white background & black numeric. Aluminum, Optional micro zero adjustment. SS 304, SS 316.			
Accuracy Class	Class 1 (1% FS)Class 2 (2% FS)			
Permissible Ambient temperature Medium temperature Storage temperature Effect	-40 ... 60 °C (-40 ... 140 °F) Max. 200 °C (392 °F) (dry), max. 100 °C (212 °F) (for liquid filled) -40 ... 65 °C (-40 ... 150 °F) Max. 0,3 % / 10 K.			
Protection according	IP54 / IP65 / IP66 / IP67.			
Filling liquids	Glycerin, silicone.			
Mounting	Direct Bottom/Back, optional panel & bracket.			
Accessories, options	NACE, diaphragm seals, electric contacts, dampener, gauge saver, syphon etc.			