



PERFECT ENGINEERING SERVICES
ONE STOP INDUSTRIAL VALVE SOLUTIONS



PRESSURE GAUGES

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SPECIAL FEATURES

- EXTERNAL ZERO ADJUSTMENT (OPTIONAL)
- STAINLESS STEEL CASE & MEASURING SYSTEM
- SOCKET DIRECTLY WELDED TO CASE
- DRY AND LIQUID FILLED VERSION
- STANDARD FOLLOWED EN837-1 (FOR NS 100, 150 & 250 mm)
- CE MARKING (AS PER PED 97/23/EC) (FOR NS 100 mm & 150 mm)

APPLICATION

FOOD & BEVERAGE PHARMACEUTICAL, CRYOGENICS, CHEMICAL & PETROCHEMICAL INDUSTRIES, CONVENTIONAL & NUCLEAR POWER PLANTS, PUMPS, HYDRO-CLEANING MACHINES, PRESSES, ENGINES COMPRESSORS, TURBINES, DIESEL ENGINES & REFRIGERATING PLANTS. SUITABLE FOR CORROSIVE ENVIRONMENTS & GASEOUS OR LIQUID MEDIA THAT WILL NOT OBSTRUCT THE PRESSURE SYSTEM.

STANDARD VERSION: 100 mm, 125 mm, 150 mm, 200 mm & 250 mm

Accuracy	-/+ 1.0 % of F.S.
Ambient temperature	-25°C to + 65°C
Process temperature	Max 300°C
Operating Pressure Range	75% of Scale Value
Over Pressure Limit	<_ 100 bar : 125% of Max. Scale Value > 100 to <_ 600 bar : 115% of Max. Scale Value > 600 to <_ 1600 bar : 110% of Max. Scale Value

Case & Bezel	AISI 304 SS (Bayonet Type)
Bourdon	AISI 316L SS
Socket	AISI 316L SS (Directly Welded to Case)
Movement	AISI 304 SS
Joints	Tig Argon Arc Welding

Protection	IP 65
Dial	Aluminum, black graduation on white background
Pointer	Aluminum, black coloured Micrometer zero adjustable
Window	Sheet Glass
Blow of Disc	Neoprene
Gasket & Filling Plug	Neoprene