



STAINLESS STEEL

PRESSURE GAUGE
SS BOURDON TUBE

MODEL: PES

FEATURES:

- All SS Measuring System
- Dry / liquid filled.

APPLICATION:

- Oil & Gas applications
- Corrosive environments
- Liquid & Gaseous Mediums
- Nuclear Power Plants



STANDARD SPECIFICATIONS

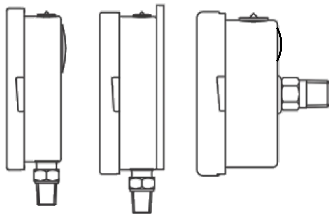
Dial size	63,100 mm
Range	-1...0...1,000 bar or other equivalent units of pressure or vacuum
Mounting pattern	Direct, Bottom Connection
Process Connection	3/8" NPT/ BSP (M)
Ingress protection	IP 65
Execution	Dry / liquid filled, glycerine 99.7% (Temp. upto 65°C)

MATERIAL OF CONSTRUCTION

Sensing element	Bourdon Tube (≤ 70 bar:C-Type, >70 bar:Helical)
Bourdon tube	AISI 316L SS
Socket	AISI 316L SS
Case & Ring material	AISI 304 SS (Bayonet Type Bezel)
Movement	AISI 304 SS
Dial	Aluminum, black graduation on white background
Pointer	Zero adjustable, aluminum black powder coated
Gaskets, Blow off disc & filling plug	Neoprene
Window	Plain glass/ Safety glass

STANDARD PARAMETERS

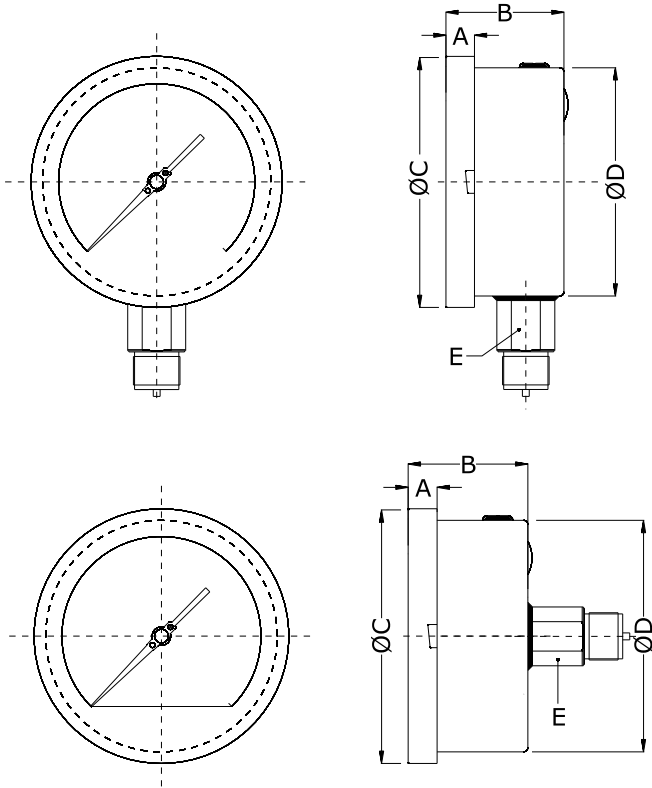
Accuracy	$\pm 1.6\%$ / $\pm 1.0\%$
Ambient temperature	-40... +65°C (without dampening liquid) -20... +65°C (with dampening liquid)
Process Temperature	300°C
Pressure limits	Steady - Full Scale Value Fluctuating - 0.9 x Full Scale Value Short time 1.3 x Full Scale Value upto 100 bar Short time 1.15 x Full Scale Value above 100 bar
Weld Joints	TIG argon arc welding





STAINLESS STEEL
PRESSURE GAUGE
SS BOURDON TUBE

MODEL: PES



NS	A	B	ØC	ØD	E	Weight (grams)
100mm	12	37	100	111	A/F 14	500

NS	A	B	ØC	ØD	E	Weight (grams)
100mm	12	37	100	111	A/F 14	500

HOW TO ORDER :-

Model No - Dial Size - Mounting - Range - Process Connection - Options - Certificate