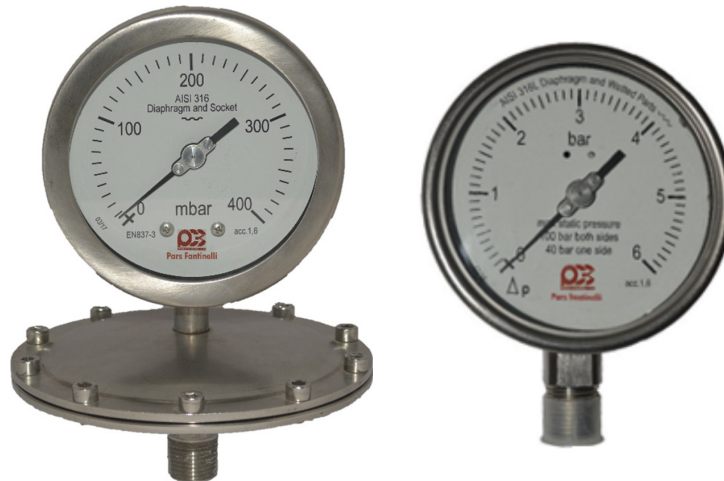


Pressure Gauge

PEK471



Application Area

- General process instrumentation in the chemical and petrochemical industries, oil and gas industries, power generation and water/wastewater industries
- Pressure measurement in harsh and aggressive environments
- Suitable for applications with high vibrations

Special features

- Nominal sizes 100, 150 mm
- Dial for precise readings (minimize parallax reading errors)
- Customized dial printing
- Angle connection dial can be rotated 360°High measurement repeatability
- Robust, hermetically sealed case
- Silicone filled for reduction of pointer flutter on high vibration application and provides improved response times

Introduction

Stainless steel pressure gauge is widely used in petroleum, chemical industry, power plants and other industrial sectors have corrosion-resistant requirement of the process of measuring the pressure of various fluids.

PEK471 overall structure design, sophisticated technology, with high measurement accuracy and long-lasting stability, so not only can provide export, particularly for domestic users in the introduction of foreign advanced technology and equipment to achieve localization similar instrument ideal accessory products.

PEK471 consists of pressure systems (including joints, spring tube, throttles, etc.) gears, indicator device(pointer and read the disk) and housing (including case, ring covers, glass, etc.).

For filling (typically silicone oil or glycerine) in the housing of the pressure gauge, the working environment can be more intense antivibration and pulsation of the pressure medium.

Specification

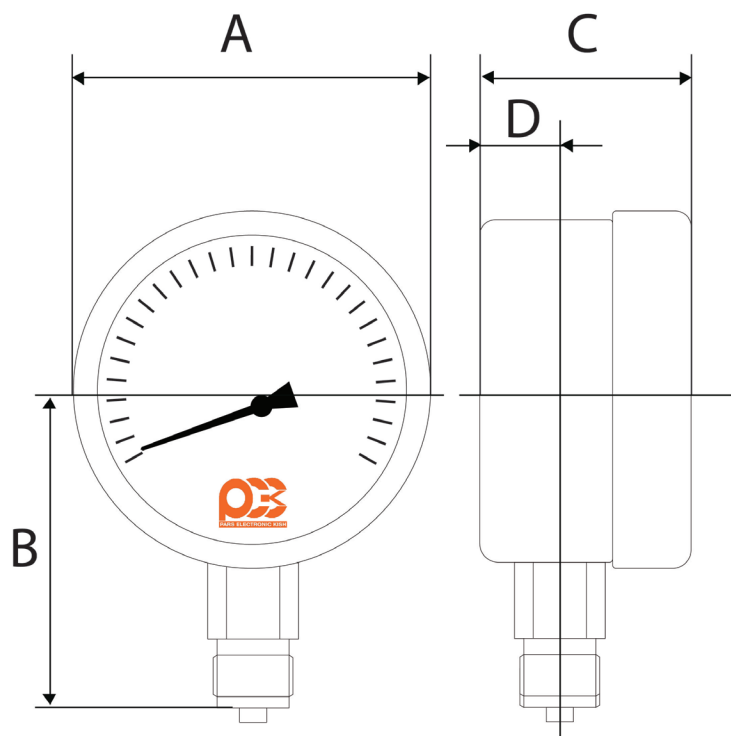
Size	63 (2.25"), 100mm (4") and 150 mm (6")
Mounting	Direct, Surface and Flush
Pressure Element	316 Stainless Steel Bourdon Tube
Overload	Up to 130% of FSD
Pressure Connection-316 Stainless Steel	1/4", 3/8" & 1/2" NPT
Operating Temperature	-20 to +90 °C operating
Case Material	304 Stainless Steel
Window	3mm Glass
Dial	White Aluminum with black markings
Pointer	Black Aluminum
Environmental Rating	IP65
Scale	Single Scale or Double Scale
Accuracy Class	CL:1.0 - 1.0% of FSD, CL:1.5 - 1.5% of FSD

Standard Pressure Gauge Ranges

0 to 400 mBar up to 0 to 1400 Bar

Other ranges including higher temperatures ranges available on request.

Dimensions



Dial Size	A	B	C	D
63	63	61	33.6	12.2
100	100	85.3	48.5	21
150	150	150	49.6	23.2

Ordering information

For ordering please fill following table :

CODE	Nominal Diameter (mm)	Material		Filling fluid	Thread size	Pressure range	Mechanical Protection	Ambient Temperature	Remark
		Case Material	Wetted Material						

For Example:

CODE	Nominal Diameter (mm)	Material		Filling fluid	Thread size	Pressure range	Mechanical Protection	Ambient Temperature	Remark
		Case Material	Wetted Material						
PEK471	100	SS304	SS316	NO	1/2 NPT	0-100 bar	IP65	25°C	-