

P320 Case Stainless Steel/ Bayonet- Ring



Bourdon Tube Pressure Gauge



Application:

- For gaseous, liquid and non-aggressive media which are not highly viscous and crystallizing where pulsation or vibration exists
- Hydraulics, compressors, etc.

Special Features

- Shock and vibration resistant
- Long lifetime

Technical Data

Diameter: 63, 100, 150, 160 mm

Case/Bezel: Stainless steel case with Bayonet-ring

Ranges:

0...0,6 bar to 0...1000 bar

Working pressure:

Diameter: 63 mm:

Steady: $\frac{3}{4}$ of full scale value

Fluctuating: $\frac{2}{3}$ of full scale value

Short time: full scale value

Diameter: 100, 150, 160 mm:

Steady: full scale value

Fluctuating: 0.9 of full scale value

Short time: 1.3 of full scale value

Operating Temperature:

Ambient: - 40 to + 60°C

Medium: + 80°C maximum

Temperature effect:

When the temperature of the measuring system deviates from the reference temperature (+20°C):

Max. $\pm 0.4 \%$ /10 K of full scale value

Accuracy class:

1,6%

Protection:

IP 65 per EN 60 529/IEC 529

Pressure element:

≤ 60 bar: C-type

> 100 bar: helical type

Pressure connection:

Material: Cu-alloy

Lower (LM) and center back mount (CBM)

63 mm: G $\frac{1}{4}$ B (M12x1,5)

100, 150, 160 mm: G $\frac{1}{2}$ B (M20x1,5)

Movement: Cu-alloy

Dial: Aluminium with black lettering

Pointer: Black aluminium

Window: Polycarbonate

Options:

Other pressure connection

Liquid filling

Safety glass

Order information

Model/Size/Scale range/Size of connection/Options

PA Instruments, s.r.o
Vazska 1, 911 05 Trenčín

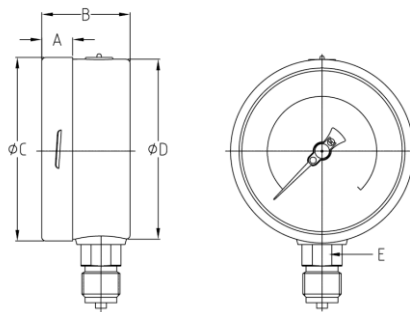
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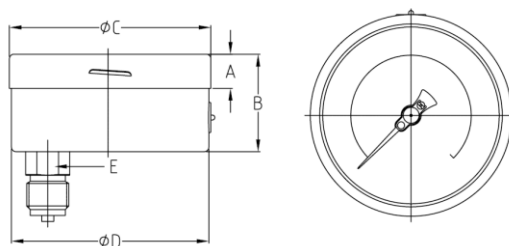
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NS	A	B	φC	φD	E	
40	/	/	/	/	/	
50	/	/	/	/	/	
63	12	31.5	63.5	61.5	14	
80	/	/	/	/	/	
100	17	48.5	100.3	98.3	22	
150	18	50	151.8	149	22	
160	18	50.7	160.8	158	22	



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