

B32.ST+DS18

Flange Diaphragm Pressure Gauge – Bolted Connection

LANSO®

Pressure measuring



Technical Specs

Standard

JBT 8624–1997

Pressure Gauge Complies with EN837–1, GB/T 1226

Certification: CPA (China)

Nominal Size (mm): 63, 100

Accuracy:

- 63mm 1.6% & 2.5%
- 100mm 1.0% & 1.6%

Pressure Limits:

- Steady State: 3/4 x Full Scale Range
- Fluctuating: 2/3 x Full Scale Range
- Short Time: Full Scale Range

Overpressure:

- ≤10MPa: 125% x Full Scale Range
- >10MPa, ≤60MPa: 115% x Full Scale Range

Temperature Effect:

When the ambient temperature deviates from 20°C, the reading can deviated to a maximum of $\pm 0.01\%$ / 10K (degrees in Celsius/Kelvin).

Flange Standard: DIN 11851

Wetted Material:

Stainless Steel 316L

Description

For Measuring Pressure in fluids that are highly viscous, crystalizing, solidifying or contains small grains, to prevent crystallization or clogging in the vent.

Standard Nut for fast connection, also easy to clean when disconnected. Two flanges are separated with rubber ring. The specialized structural design and welding technique for flange measuring chamber ensures no residues are left.

Applications

- Food and Beverage
- Biopharmaceutical Industry

Features

- Stainless Steel Casing Enclosure
- Versatile on Various Fluids
- Easy to Clean
- No Residues

Options:

Dial Customizable

Pressure Element:

Stainless Steel 316L, C-Type

Case Material: Stainless Steel

Movement: Stainless Steel

Dial:

- Aluminum.
- Black Text on White Background.

Pointer:

Aluminum. Black

Window:

Glass, Safety Glass, Organic Glass

Process Connection:

Back-Mounted, Bottom-Mounted

Diaphragm Filling:

Silicone, Neobee M-20 (Edible Oil), Others

Case Filling:

No Fill, Glycerin, Silicone, Others

Working Temperature:

- Silicone –20°C to +60°C
- Neobee M-20 –20°C to +40°C

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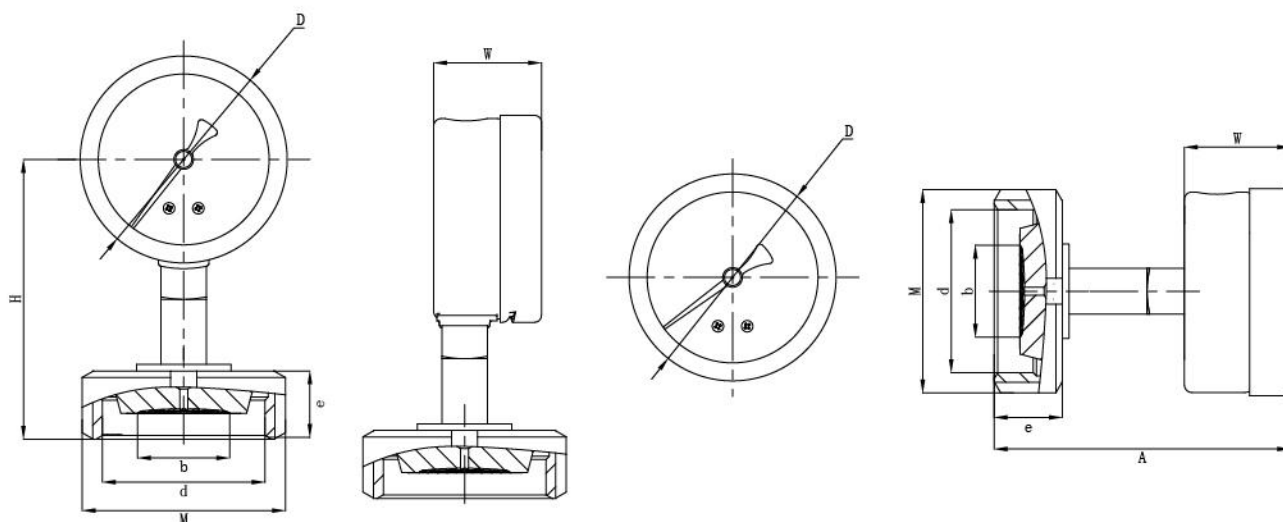
Pressure measuring

Standard Measuring Range

MPa	0~0.6	0~1	0~1.6	0~2.5
bar	0~6	0~10	0~16	0~25
psi	0~100	0~160	0~200	0~300

★ Range could also be converted to units including millibar (mbar), kg/cm² and kPa.

Dimensions



D/mm	63	100
H/mm	86	113
W/mm	33	49
A/mm	95	/

No Back-Mounted for 100 mm Gauge

DN/mm	M/mm	d/mm	e/mm	b/mm
25	63	Rd52 × 1/6	21	35
32	70	Rd58 × 1/6	21	38
40	78	Rd65 × 1/6	21	42
50	92	Rd78 × 1/6	22	54