

# B32.ST+DS34

## Flange Diaphragm Pressure Gauge – Threaded 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).

#### Wetted Material:

Stainless Steel 316L

#### Pressure Element:

Stainless Steel 316L, C-Type

### Description

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

Can be used in high-pressure applications.

### Applications

- Oil and Gas
- Petrochemical Industry
- Electrical Equipment
- Mechanical Processing
- Food and Beverage
- Biopharmaceutical Industry

### Features

- Stainless Steel Casing Enclosure
- Versatile on Various Fluids
- Fast Connection
- Shared Connection with Pressure Gauge

### Options:

- Process Connection Dimension Customizable
- Dial Customizable

**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:

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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### Standard Measuring Range

MPa	-0.1~0	-0.1~0.06	-0.1~0.15	-0.1~0.3	-0.1~0.5	-0.1~0.9
	-0.1~1.5	-0.1~2.4	0~0.1	0~0.16	0~0.25	0~0.4
	0~0.6	0~1	0~1.6	0~2.5	0~4	0~6
	0~10	0~16	0~25	0~40	0~60	
bar	-1~0	-1~0.6	-1~1.5	-1~3	-1~5	-1~9
	-1~15	-1~24	0~1	0~1.6	0~2.5	0~4
	0~6	0~10	0~16	0~25	0~40	0~60
	0~100	0~160	0~250	0~400	0~600	
psi	-30inHg~0	-30inHg~15psi	-30inHg~30psi	-30inHg~60psi	-30inHg~100psi	-30inHg~150psi
	-30inHg~300psi	0~15	0~30	0~6	0~100	0~160
	0~200	0~300	0~600	0~800	0~1000	0~1500
	0~2000	0~3000	0~4000	0~5000	0~6000	

★ Range could also be converted to units including millibar (mbar), kg/cm<sup>2</sup> and kPa.

### Dimensions

