

## Filled/Fillable (Economy) Gauges (SS)

### Size Availability:

inches	mm
2.5"	63
4.0"	100



**Connection:** Bottom (Direct / Surface Mounting)  
Back (CBM / Panel / Bracket)

### Typical Applications



: These gauges are used where pressure gauges are subjected to severe conditions where pulsation or vibration exists. The filled liquid protects the internal parts against vibrations. Intended to use for gaseous or liquid media that will not obstruct pressure system

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## Standard Features

**Nominal Sizes:**  
63 and 100mm

**Scale Ranges:**  
Pressure from 0...1.0 to 0...700kg/cm<sup>2</sup>  
Vacuum and Compound Ranges available

**Accuracy Class:**  
±1.6% of FSD

**Liquid Filling:**  
Glycerine Fill / Dry

**Pressure Connection:**  
Bottom/Back  
NS 63mm: 1/8", 1/4" BSP / NPT  
NS 100mm: 1/4", 3/8", BSP / NPT

**Mounting:**  
Bottom Direct,  
Surface Mounting  
Back Direct,  
Panel Mounting  
Bracket Mounting

**Enclosure Protection:**  
IP 55 or IP 65

**Special Versions / Optional / Extras:**  
1) Other Pressure connections  
2) 3-Hole surface mounting flange  
3) SS 316 Case  
4) Silicon Oil Fill / No Fill  
5) With clamp/panel (back)

**Bourdon Tube (Wetted Part) Material:**  
Stainless Steel SS 316

**Pointer:** Alluminium  
100mm: Micrometer zero adjustment

**Movement Material:**  
Stainless Steel SS 304

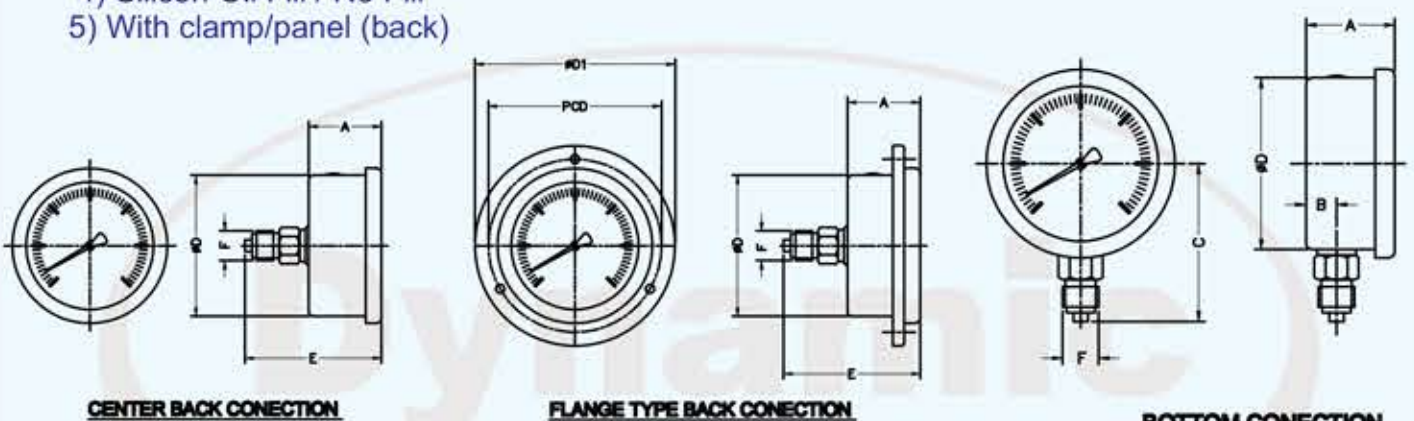
**Pressure Element:**  
Material: Stainless Steel SS 316  
< 100kg/cm<sup>2</sup>: C-type  
> 100kg/cm<sup>2</sup>: Coil type

**Window:**  
63mm: Clear Acrylic  
100mm: Toughened/Safety Glass

**Case Material:**  
Stainless Steel SS 304

**Bezel Ring:**  
Roll formed glossy finish SS

**Dial:**  
White Aluminium with Black lettering



STANDARD DIMENSIONS								
NOMINAL SIZE	A	B	C ±1	D	D1	PCD	E ±1	F
63 MM	32.0	11.0	58.0	62.0	88.0	76.0	60.0	1/2"
100 MM	35.0	11.0	87.5	99.0	136.0	115.0	75.0	1/2"