

Dynamic

Filled/Fillable (Heavy Duty) Gauges (SS)

Size Availability:

inches	mm
4.0"	100
6.0"	150



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

Typical Applications



These gauges are used where pressure gauges are subjected to harsh and corrosive 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. Typical applications include Oil patch, Refineries, Oil rigs, Control panels, Offshore platforms, Marine and General Industrial.

Standard Features

Nominal Sizes:
100 and 150mm

Scale Ranges:
Pressure from 0...1.0 to 0...1000kg/cm²

Accuracy Class:
±1.0% of FSD

Liquid Filling:
Glycerine Fill / Dry

Pressure Connection:
Bottom / Back
1/4", 3/8", 1/2" BSP / NPT 22mm flats

Mounting:
Bottom Direct, Lower Back Direct,
Panel Mount, Bracket Mount
Panel with Bracket Mount
Surface Mounting

Enclosure Protection:
IP 55 or IP 65

Over-Range Protection: 130% of FSD

Special Versions / Optional / Extras:

- 1) Other Pressure connections
- 2) 3-Hole surface mounting flange
- 3) Monel / SS316L wetted parts
- 4) Panel Mount, Bracket Mount OR panel with Bracket mount
- 5) Silicon Oil Fill / No Fill

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

Pointer: Alluminium
Micrometer zero adjustment

Movement Material:
Stainless Steel SS 304

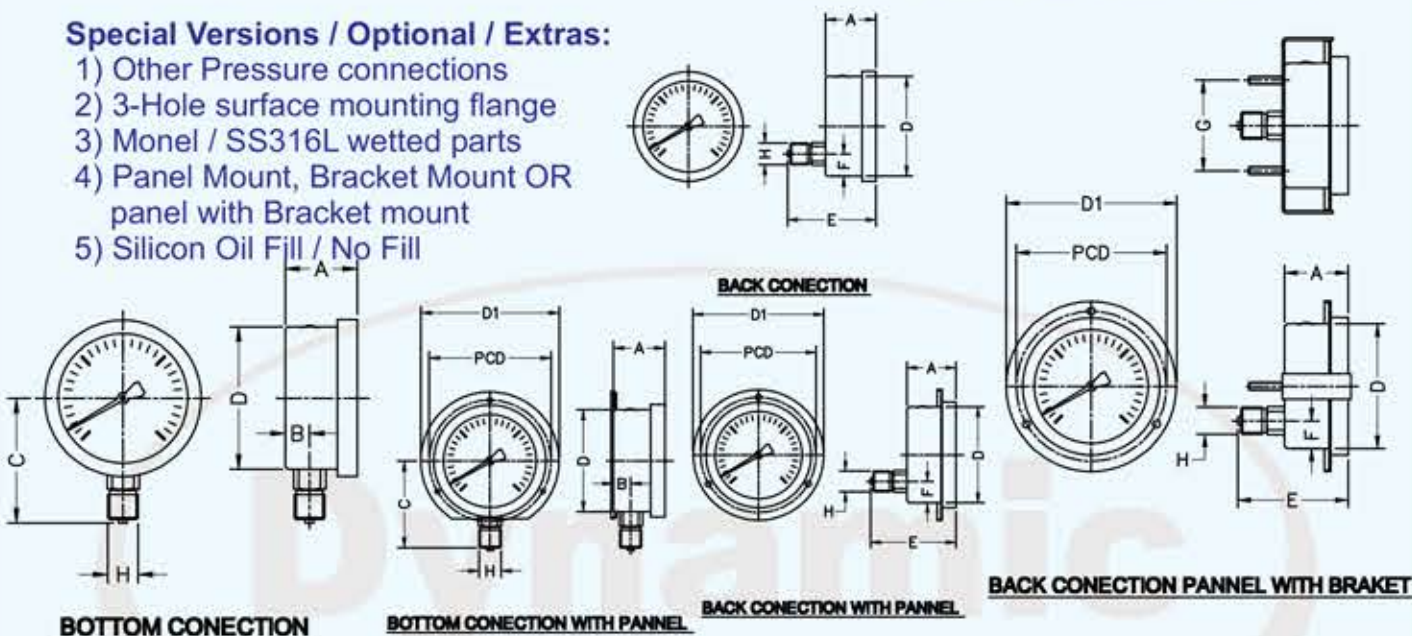
Pressure Element:
Material: Stainless Steel SS 316
< 100kg/cm²: C-type
> 100kg/cm²: Coil type

Window:
Toughened/Safety Glass

Case Material:
Stainless Steel SS 304 Welded Case

Bezel Ring:
Roll formed glossy finish SS

Dial:
White Aluminium with Black lettering



HEAVY DUTY PRESSURE GAUGE STANDARD DIMENSIONS

NOMINAL SIZE	A	B	C ±1	D	D1	PCD	E ±1	F	G ±1	H
100 MM	50.0	17.0	86.0	98.0	134.0	116.0	84.0	22.0	71.0	1/2"
150 MM	50.0	17.0	112.0	154.0	194.0	172.0	87.0	25.4	133.0	3/4"