

Liquid filled gauges

Model GFB

Nominal size 63mm, 100mm
Accuracy: Class 1.6 (1.6%)

Features

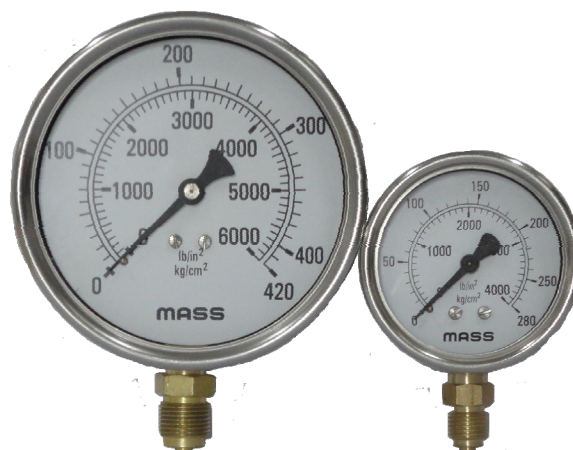
- Twin o-ring design for leak tight enclosure
- Protection IP65
- Usable to full scale
- Overload protection 130 %
- Measuring tubes SS316 / PB

Ranges

-1 ... 0 kg/cm² up to 0 ... 400 kg/cm²
-30 in. Hg ... 0 psi up to 0 ... 6,000 psi

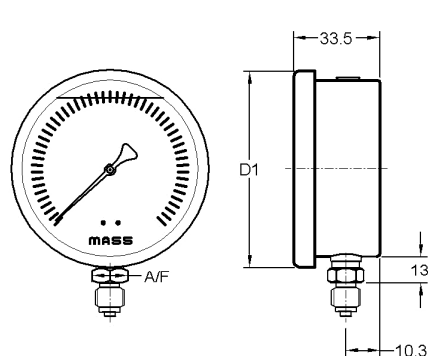
Applications

Power packs
Hydraulic machinery
Pumps
Other vibration applications

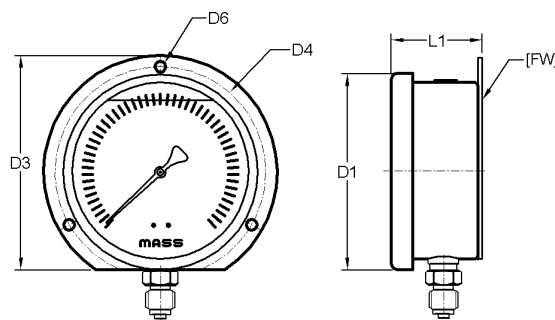


Technical specification	GFB	
Dial size in mm	63	100
Construction	Open front cylindrical case with crimp type bayonet ring	
Measuring principle	Bourdon tube	
Range in kg/cm ²	1 1.6 2.5 4 6 10 16 25 40 60 100 160 250 400	
Overpressure limit	-1/0 -1/0.6 -1/1.5 -1/3 -1/5 -1/9 -1/15 -1/24	
Pressure type	130 % F.S., short time. Gauge, vacuum and compound	
Process connection	1/8" 1/4" BSP / NPT (M)	1/4" 3/8" 1/2" BSP / NPT (M)
Connection location	Lower, back	
Material	Pressure connection: Brass Tube: SS 316/ Phosphorous Bronze below 6 kg/cm ² , Brass Case/bayonet ring: Stainless steel 304 Window: Acrylic glass Dial: Aluminum, black markings on white background Pointer: Plastic, Black Movement: Aluminum, black Brass	
Accuracy	Class 1.6 (1.6% F.S)	
Permissible	Ambient temperature: -25 ... 60 °C Medium temperature: Max. 100 °C Storage temperature: -40 ... 60 °C Effect: Max. 0,3 % / 10 K	
Protection according	IP65	
Filling liquids	Glycerin, silicone, others on request	
Mounting	Standard stem, optional panel, bracket, surface or others on request	
Weight dry/filled in kg		

General dimensions in mm



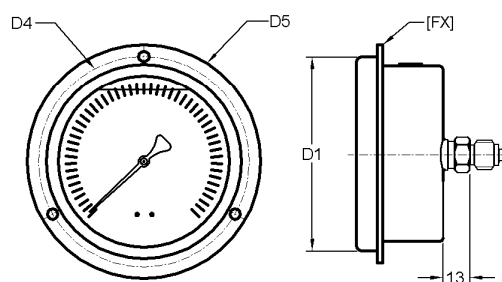
Lower Connection Direct Mounting



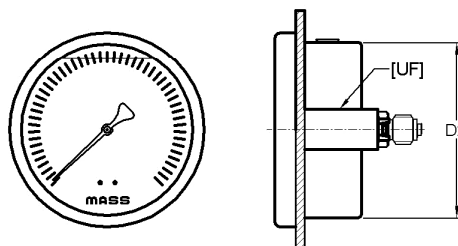
Lower Connection Surface Mounting

Dial Size	63	100
ØD1	67.7	108
ØD2	61.6	98.6
D3	78	122
D4	75	116
D5	85	132
D6	3.6	5
L1	36.5	37.5

Thread Size	A/F
$\frac{1}{8}$ "	14
$\frac{1}{4}$ "	14
$\frac{3}{8}$ "	17
$\frac{1}{2}$ "	22



Back Connection Front Panel Mounting



Back Connection U-Clamp Mounting

Order information