

MARSH®

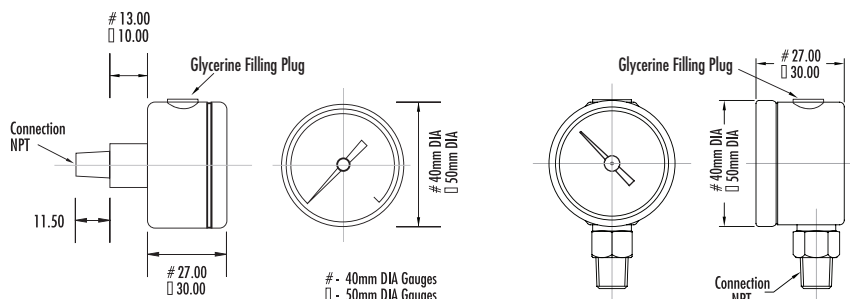
Liquid Filled Gauges



40 / 50 mm Liquid Filled Gauges

Marsh Instruments liquid filled gauges are designed to perform in rugged and harsh environmental conditions where pulsation and vibration is a problem. Liquid filled gauges offer a significant cushioning and dampening effect, reducing pointer flutter and internal gauge damage. Liquid-filled gauges feature a vent / filling plug in the top and can be mounted on a horizontal or vertical plain. The hermetically sealed construction reduces the chance of leaks and makes field filling an easy option.

Specifications	
Standards	Generally to EN-837 -1
Case Size	40 or 50 mm Diameter
Construction	ST/ST with either Brass bronze internals or All ST/ST
Entry	Bottom, centre back or panel mount U Clamp
Connection	Various, as required
Range	Various, as required
Dial Standard	Dual range, PSI / BAR with batch no and class
Accuracy	Cl 2.5 FSD at ambient temperature
Window	Acrylic
Fill medium	Glycerine standard or Silicone
Temp specs	- 40 to + 85 Deg C
Vent	Filler / pressure relief plug
Non std dial	We can offer various ranges



- 40 mm 50 mm Filled Gauges
- Robust and IP65
- Glycerine filled for dampening

40 / 50 mm Liquid Filled Gauges	
↑	Construction
33	304SS case 316SS internals
93	304SS case Brass/bronze internals
	Mounting
1	Bottom
6	Back
8	U Clamp
	Connection Size
K	1/8" BSPT
W	1/8" BSP
Z	1/8" NPT
A	1/4" BSP
D	1/4" NPT
L	1/4" BSPT
	Range PSI / BAR
00	Special Range
01	Vacuum
18	15 PSI / 1 BAR
20	30 PSI / 2 BAR
21	60 PSI / 4 BAR
22	100 PSI / 7 BAR
23	160 PSI / 11 BAR
24	200 PSI / 14 BAR
25	300 PSI / 20 BAR
26	400 PSI / 27 BAR
27	600 PSI / 40 BAR
28	800 PSI / 55 BAR
29	1000 PSI / 70 BAR
30	1500 PSI / 100 BAR
31	2000 PSI / 140 BAR
32	3000 PSI / 200 BAR
33	4000 PSI / 275 BAR
34	5000 PSI / 344 BAR
35	6000 PSI / 413 BAR
36	10,000 PSI / 690 BAR
	Case Diameter
C	40 mm
D	50 mm
	Special Requirements
P	Glycerine
S	Silicone Filled
G	Glass Window
PC	Plated Connection
001	Non Standard Dial
16	Cl 1.6 Enhanced Accuracy
316	316 SS Case

Some configurations may not be possible, please consult factory.

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Group of Companies

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