

## 40MM & 50MM SEVERE SERVICE GAUGE

- Copper Alloy Internals
- Glycerine Filled
- Center Back Mount Only

Marsh Instruments Liquid-Filled Gauges are designed to perform in rugged and harsh environmental conditions - especially 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 ventable top fill plug and can be mounted on a horizontal or vertical plane. The hermetically sealed construction reduces the chance of leaks and makes field filling an easy option.

Typical applications include refineries, chemical, oil & gas, marine and OEM processes.

### SPECIFICATIONS

#### ACCURACY

±2.5% of range across full scale

#### CASE SIZES

40 or 50 mm diameter

#### CASE MATERIAL

304 Stainless Steel

#### CASE STYLE

CB - Center Back mount

#### TUBE & SOCKET

Copper Alloy tube with nickel plated brass socket

#### MOVEMENT

Brass

#### CONNECTION

½ NPT & ¾ NPT

#### RANGES

15 to 160 psi

#### DIAL STANDARD

Triple scale psi/BAR/kPa

#### DIAL COLOR

Black markings on white

#### POINTER

Aluminum, black painted

#### WINDOW

Acrylic

#### FILL MEDIUM

Glycerine Standard

#### RESTRICTOR

Standard, all ranges

#### VENT PLUG

Filler/pressure relief plug

#### TEMPERATURE LIMITS

-4 to 140° F (filled)

#### WEIGHT

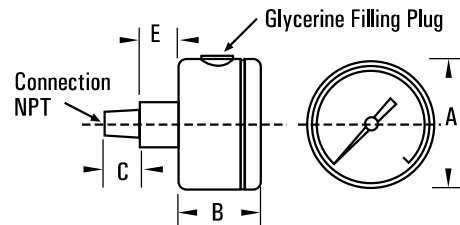
40mm 0.5 lb.  
50mm 0.5 lb.

### STANDARD RANGES & PART NUMBERS

TYPE	40MM & 50MM GAUGES	
Size	40mm	50mm
Case Material	304 Stainless Steel	304 Stainless Steel
Internals	Copper Alloy	Copper Alloy
Mounting / Case Style	CB	CB
Connection	½ NPT	½ NPT
Scale Standard	psi/BAR/kPa	psi/BAR/kPa
0 to 15 psi	M4040P	M5040P
0 to 30 psi	M4042P	M5042P
0 to 60 psi	M4046P	M5046P
0 to 100 psi	M4048P	M5048P
0 to 160 psi	M4052P	M5052P

### 40MM AND 50MM GAUGE OPTIONS

OPTION	TYPE	SUFFIX	AVAILABLE ON MODELS
Custom Dials	Custom face	M	See Marsh Price List for minimums
Other Ranges			Consult factory for availability
Fill Medium	Silicone (SL)	I	Consult factory



ALL DIMENSIONS ARE NOMINAL

A-Size	B	C	E
40mm Dia.	27.00mm 1.06"	11.5mm 0.45"	13.00mm 0.51"
50mm Dia.	30.00mm 1.18"	11.5mm 0.45"	10.00mm 0.39"

