

## Description & Features

- Field liquid fillable, phenolic solid front and blow-out back safety case
- $\pm 0.25\%$  of span(Grade 3A to ASME B40.1)
- Stainless steel full rotary movement for longer life
- Micrometer pointer for ease in calibration
- Under & Overload stops
- 316L stainless steel, brass, Monel wetted parts

## Applications

- Industrial test laboratories
- Monitoring of the testing device
- Measuring workshop systems
- Control workshop systems
- All equipments require high accuracy performance

## Specifications

	Brass Internals	Stainless Steel Internals
<b>Dial Size</b>	4.5" (115mm) white aluminum	4.5" (115mm) white aluminum
<b>Pressure Range</b>	Vacuum to 1000 psi	Vacuum to 10000 psi (700 bar)
<b>Case Material</b>	Black impact resistant phenolic	Black impact resistant phenolic
<b>Solid Wall</b>	Phenolic	Phenolic
<b>Lens Material</b>	Tempered safety glass	Tempered safety glass
<b>Ring Material</b>	Phenolic	Phenolic
<b>Pointer</b>	Aluminum black adjustable	Aluminum black adjustable
<b>Bourdon Tube</b>	Phosphor bronze	316 stainless steel
<b>Movement</b>	Brass	Stainless steel
<b>Socket Material</b>	Brass	316 stainless steel
<b>Connection</b>	1/4", 1/2", 3/8" in NPT, BSP, BSPT	1/4", 1/2", 3/8" in NPT, BSP, BSPT
<b>Protection</b>	IP65	IP65
<b>Welding</b>	Silver alloy	TIG
<b>Working Pressure</b>	Maximum 75% of full scale value	Maximum 75% of full scale value
<b>Over-pressure Limit</b>	130% full scale value	130% full scale value
<b>Process Temperature</b>	-40 °F to 150 °F(-40 °C to 65 °C) dry 14 °F-150 °F (-10 °C-65 °C) glycerine filled	-40 °F to 150 °F(-40 °C to 65 °C) dry 14 °F-150 °F (-10 °C-65 °C) glycerine filled
<b>Ambient Temperature</b>	-40 °F to 150 °F(-40 °C to 65 °C) dry 14 °F-150 °F (-10 °C-65 °C) glycerine filled	-40 °F to 150 °F(-40 °C to 65 °C) dry 14 °F-150 °F (-10 °C-65 °C) glycerine filled
<b>Accuracy</b>	$\pm 0.25\%$ ANSI / ASME Grade 3A	$\pm 0.25\%$ ANSI / ASME Grade 3A
<b>Options</b>	Silicone filled Use no oil Oxygen Cleaning Stainless steel tag number plate Calibration Certificate	Silicone filled Use no oil Oxygen Cleaning Monel wetted Parts NACE MR0175-2002 standard Stainless steel tag number plate Calibration Certificate

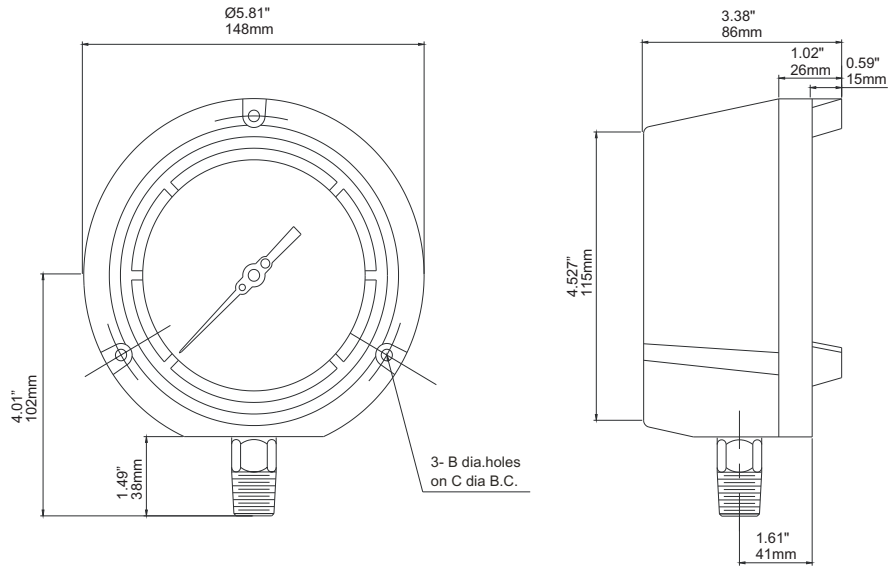


## Order Information

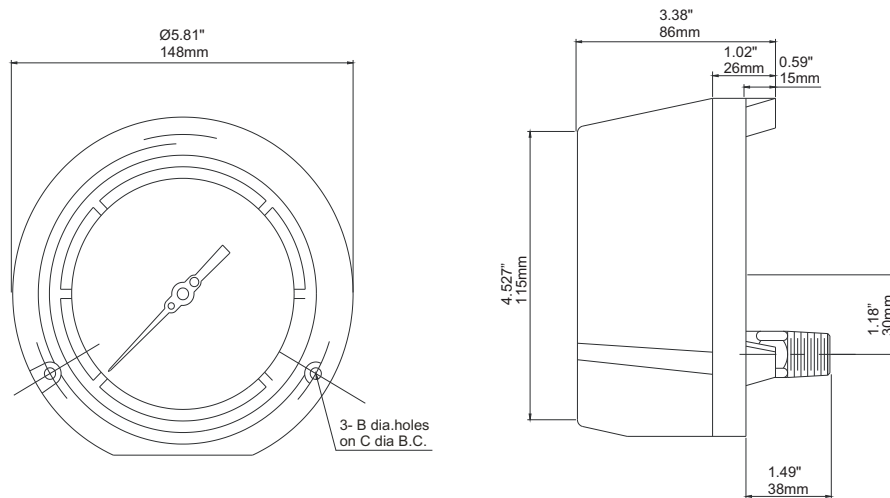
Series/ Dial Size/ Case Materials/ Wetted Parts/ Configuration/ Connection Size/ Thread/ Range/ Option

## Dimensions

### 4.5" Bottom connection



### 4.5" Lower back connection



## Ordering Code PTP Series

Field No.	Code	Specifications																																								
1.	PTP	<b>Series</b>																																								
		<b>Dial Size</b>																																								
2.	45	4.5" (115mm)																																								
		<b>Case Materials</b>																																								
3.	T	Phenolic																																								
		<b>Wetted Parts</b>																																								
4.	L	316L SS																																								
	L	Brass																																								
	M	Monel																																								
	Z	Special																																								
		<b>Configuration</b>																																								
5.	A	Bottom connection, stem mounting																																								
	D	Back connection, stem mounting																																								
	Z	Special																																								
		<b>Connection</b>																																								
6.	4	1/4"																																								
	2	1/2"																																								
	Z	Special																																								
		<b>Thread</b>																																								
7.	N	NPT																																								
	Z	Special																																								
8.		<b>Range (XXXX)</b>																																								
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