

ABS & Stainless Steel Liquid Filled

900 SERIES



- Extremely high quality pressure gauges available in a liquid filled version for extended service life and shock resistance
- Ranges available from vacuum to 15,000 psi
- 1-1/2", 2", 2-1/2", 4" sizes – bottom or back connected
- Lightweight shatter-resistant ABS case with acrylic lens for extra strength, or 304 stainless steel case with polycarbonate lens
- Unique o-ring case and connection seals guard against leakage and protect against shock and vibration
- Relief disc on top or back provides positive case relief
- Brass and copper alloy movement
- High grade glycerine fill dampens the effects of pulsation, vibration and shock loads, and provides lubrication of the movement
- Volume oriented
- Stock availability

OPERATING SPECIFICATIONS

1. Working Pressure Limitations

a. Dynamic Pressure

The working pressure should be limited to 60% of the dial range

b. Static Pressure

The working pressure, when no sharp fluctuations occur, should be limited to 90% of the dial range.

2. Ambient Temperature

-4 °F to 140 °F (-20 °C to 60 °C) Glycerine fill
-40 °F to 140 °F (-40 °C to 60 °C) Special fill

3. Media Temperature

-4 °F to 140 °F (-20 °C to 60 °C) Glycerine fill
-40 °F to 140 °F (-40 °C to 60 °C) Special fill

APPLICATIONS

- Industrial applications where pulsation, vibration and shock are present

ACCURACY

- 1-1/2" and 2" 900 Series gauges: $\pm 2.5\%$
- 2-1/2" 900 Series gauges: $\pm 1.5\%$
- 4" 900 Series gauges: $\pm 1.0\%$

For details on accuracy/standard dial configuration and dial layouts, see pages 76-81.

	MODELS	SPECIFICATIONS
Case	15-910, 25-900, 25-910	ABS (Acryl Nitril Butadien Styrol)
	25-901, 25-911, 40-901, 40-911	304 Stainless steel
Bezel	25-901, 25-911, 40-901, 40-911	304 Stainless steel
Lens	15-910, 25-900, 25-910	Acrylic; ultrasonically welded to the case
	25-901, 25-911	Polycarbonate
	40-901, 40-911	Instrument glass
Bourdon tube	15-910, 25-900, 25-910, 25-901, 25-911, 40-901, 40-911 (up to 600 psi)	Phosphor bronze C-Type Bourdon tube
	15-910, 25-900, 25-910, 25-901, 25-911, 40-901, 40-911 (> 600 psi)	Coiled safety tube
Connection	15-910	1/8" NPT brass
	25-900, 25-910, 25-901, 25-911	1/4" NPT brass or 7/16"-20 adjustable
	40-901, 40-911	1/4" NPT brass, 1/2" NPT brass or 7/16"-20 adjustable
Movement	15-910, 25-900, 25-910, 25-901, 25-911	Brass and nylon with highly polished bearing surfaces
Safety protection	15-910, 25-900, 25-910	Safety relief disc on the back of the case
	25-901, 25-911, 40-901, 40-911	Safety relief disc on the top of the case
Accuracy	15-910, 20-901, 20-911	$\pm 2.5\%$ full scale ASME B40.1 Grade B
	25-900, 25-910, 25-901, 25-911	$\pm 1.5\%$ full scale ASME B40.1 Grade A
	40-901, 40-911	$\pm 1\%$ full scale ASME B40.1 Grade 1A
Pointer	15-910, 25-900, 25-910, 25-901, 25-911	Molded plastic
	40-901, 40-911	Balanced aluminum, black finish
Dial	15-910, 25-900, 25-910, 25-901, 25-911	Molded plastic, white background with black psi scale and red kPa scale. UV resistant
	40-901, 40-911	Aluminum, white background, dual scale psi – kPa. black psi scale and Red kPa scale. UV resistant
Fill liquid	15-910, 25-900, 25-910, 25-901, 25-911, 40-901, 40-911	Glycerine and water

ORDERING INFORMATION																		
SERIES	900																	
SIZES	15	1-1/2"		20	2"		25	2-1/2"		40	4"							
CASE TYPES	900	ABS Case, liquid filled, bottom connection						910	ABS Case, liquid filled, back connection									
	901	SS Case, liquid filled, bottom connection						911	SS Case, liquid filled, back connection									
PRESSURE RANGES	30vac	-30 inHg to 0 psi			100	0 psi to 100 psi			5000	0 psi to 5,000 psi			10	0 bar to 10 bar				
	30/15	-30 inHg to 0 to 15 psi			160	0 psi to 160 psi			6000	0 psi to 6,000 psi			16	0 bar to 16 bar				
	30/30	-30 inHg to 0 to 30 psi			200	0 psi to 200 psi			7500	0 psi to 7,500 psi			25	0 bar to 25 bar				
	30/60	-30 inHg to 0 to 60 psi			300	0 psi to 300 psi			10000	0 psi to 10,000 psi			40	0 bar to 40 bar				
	30/100	-30 inHg to 0 to 100 psi			400	0 psi to 400 psi			15000	0 psi to 15,000 psi			60	0 bar to 60 bar				
	30/160	-30 inHg to 0 to 160 psi			600	0 psi to 600 psi			-1	-1 bar to 0 bar			100	0 bar to 100 bar				
	30/200	-30 inHg to 0 to 200 psi			800	0 psi to 800 psi			1	0 bar to 1 bar			160	0 bar to 160 bar				
	30/300	-30 inHg to 0 to 300 psi			1000	0 psi to 1,000 psi			1.6	0 bar to 1.6 bar			250	0 bar to 250 bar				
	15	0 psi to 15 psi			1500	0 psi to 1,500 psi			2.5	0 bar to 2.5 bar			400	0 bar to 400 bar				
	30	0 psi to 30 psi			2000	0 psi to 2,000 psi			4	0 bar to 4 bar			600	0 bar to 600 bar				
	60	0 psi to 60 psi			3000	0 psi to 3,000 psi			6	0 bar to 6 bar			1000	0 bar to 1,000 bar				
	SCALE OPTIONS	psi	psi single scale			psi/kg/cm ²	psi/kg/cm ² dual scale			bar/psi	bar/psi dual scale			psi/kPa	psi/kPa dual scale			
	psi/bar	psi/bar dual scale																
CONNECTION SIZES	1/8	1/8" NPT			1/4	1/4" NPT			1/2	1/2" NPT			SST	SAE J1926-3/7/16-20 Adjustable				
OPTIONS	PMC	Steel Panel Mount Clamp			AP	Adjustable Pointer			SSF	304SS Front Flange			BP3	Brass Press Fit Orifice 0.3 mm				
	SPMC	304SS Panel Mount Clamp			MIP	Maximum Indicating Pointer			SSRF	304SS Rear Flange			BT5	Brass Threaded Orifice 0.5 mm				
	SSBU	Stainless Steel Bezel & U-clamp			SP	Red Set Pointer			LM	Laser Marking			BT8	Brass Threaded Orifice 0.8 mm				
	SSB	Stainless Steel Bezel			SGL	Safety Glass Lens			ST	Stainless Steel Tagging			7/16"-20	Straight Thread Available*				
	SSCR	304SS Cover Ring			BLFF	Black Front Flange												

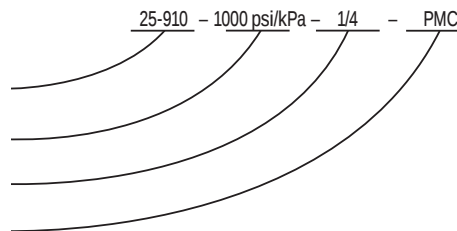
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

NOTE: Refer to 900 Series Options & Accessories chart on page 69 for availability by model number.

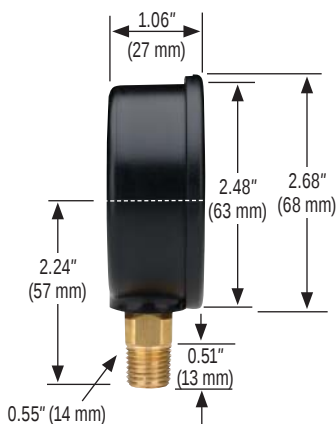
* Includes FKM o-ring

EXAMPLE

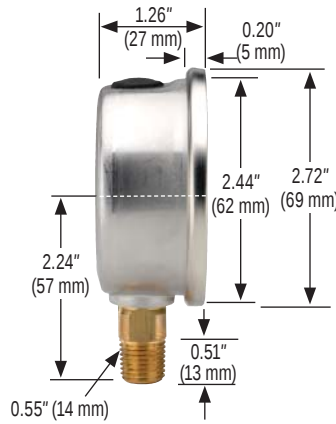
1. Select model number (size & case type)
2. Select pressure range & scale option
3. Select connection size (if more than one is offered)
4. Select any required accessory or option



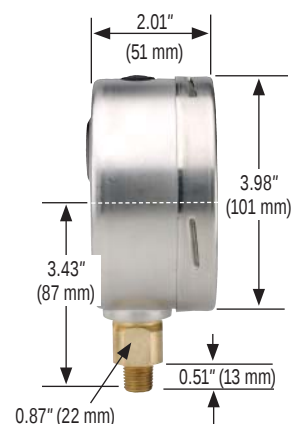
25-900



25-901

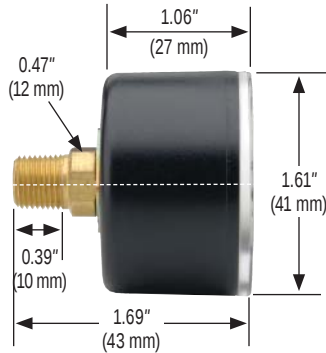


40-901

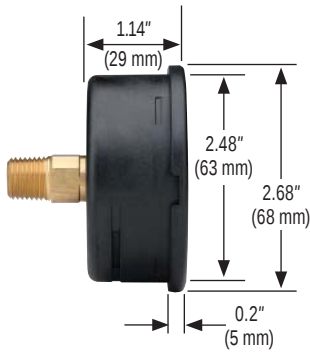


Dimensions

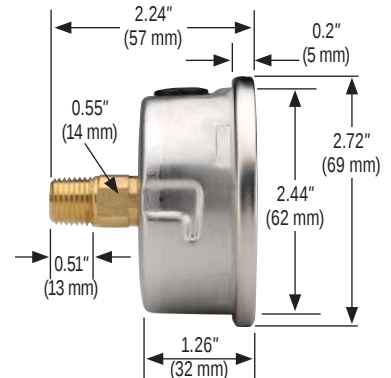
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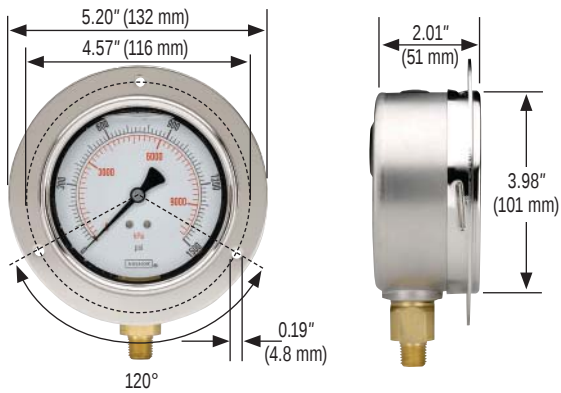
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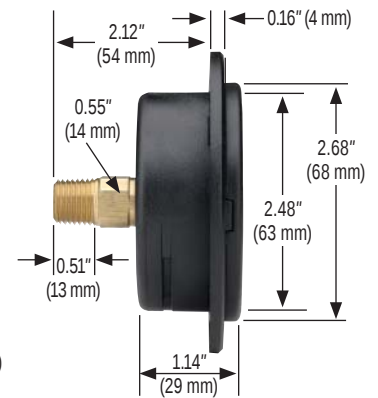
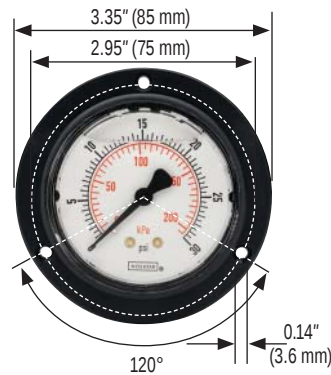
25-911



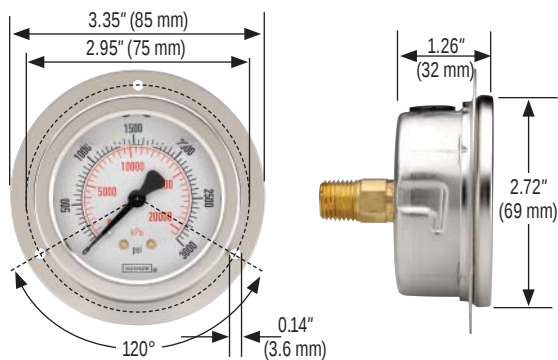
40-901 Front Flange



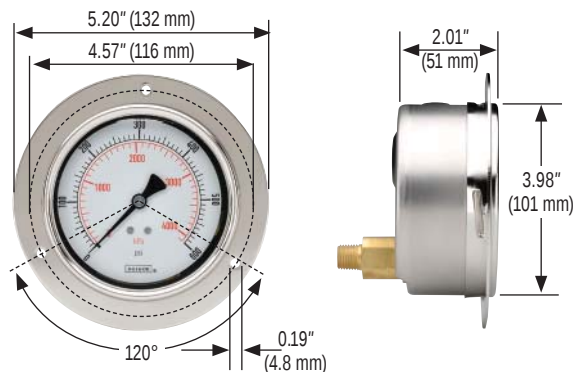
25-910 Front Flange



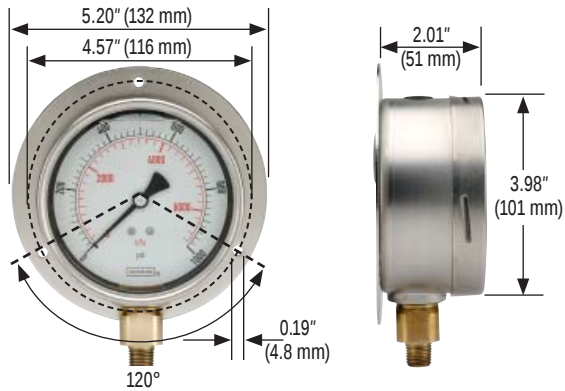
25-911 Front Flange



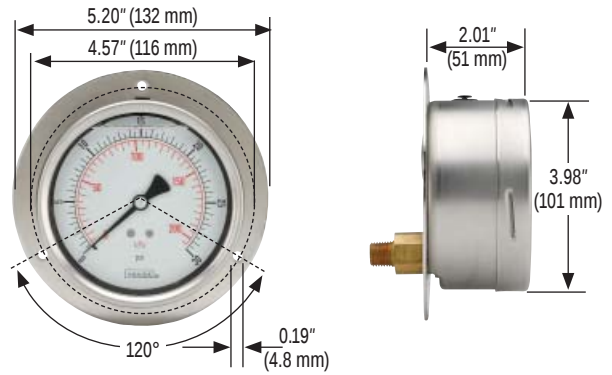
40-911 Front Flange



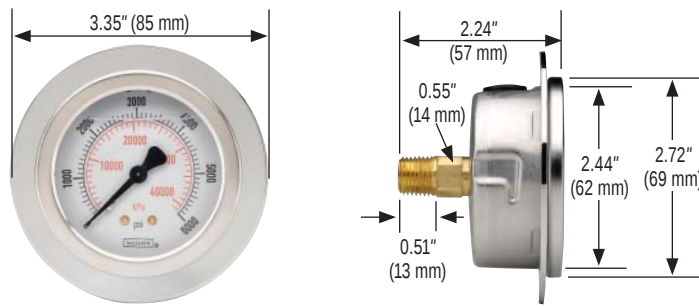
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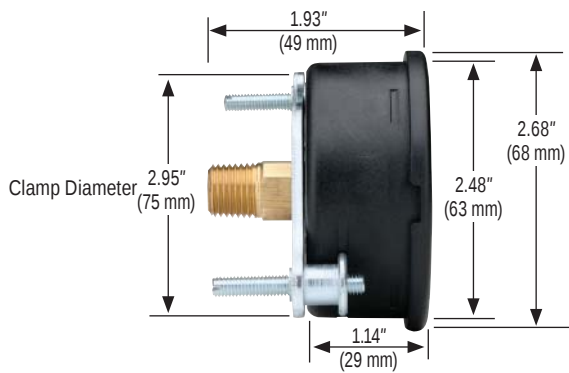
40-911 Rear Flange



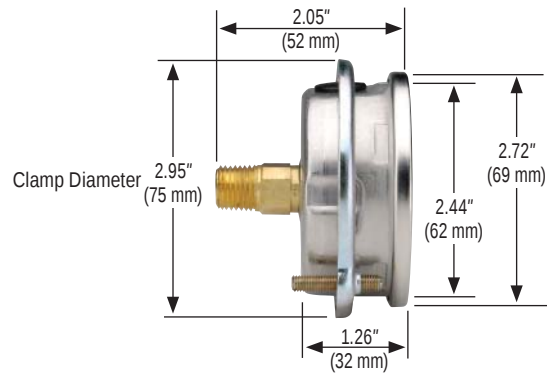
25-911 Flange Ring



25-910 Panel Mount Clamp



25-911 Panel Mount Clamp



40-911

