

## Precision Test



# 800 SERIES

- Meet the specification of ASME Standard B40.1 Grade 3A
- Ranges available vacuum through 20,000 psi
- +/-0.25% accuracy to 100% of dial range on rising or falling pressure
- 6 inch size – bottom connected
- Adjustable knife-edge pointer and mirrored dial eliminate parallax error\*
- Brass or 316 Stainless steel wetted parts
- Safety blow-out disc on the rear case is standard
- Instrument glass lens and 304 Stainless steel case
- Jeweled brass and nickel silver bearings and movement
- Panel mountable, optional carrying case
- Stock availability

\*The difference in apparent direction of an object as seen from two different points not on a straight line with the object

### OPERATING SPECIFICATIONS

#### 1. Working Pressure Limitations

##### Static Pressure

The working pressure, when no sharp fluctuations occur, should be limited to 100% of the dial range.

**NOTE:** 800 Series Test Gauges are not intended for dynamic applications.

#### 2. Ambient Temperature

-40°F to 140°F (-40°C to 60°C)

#### 3. Media Temperature

-40°F to 180°F (-40°C to 80°C)

### APPLICATIONS

- Laboratories on calibration test stands
- Sophisticated aerospace equipment used in launching space vehicles
- Gauge repair facilities
- Wherever high accuracy and sensitivity are critical

	MODELS	SPECIFICATIONS
<b>Case</b>	60-800	304 Stainless steel
<b>Cover</b>	60-800	304 Stainless steel
<b>Lens</b>	60-800	Instrument glass
<b>Bourdon Tube</b>	60-800	Beryllium copper to 1000 psi 316 SS 1500 psi to 10000 psi Ni Span C 15000 psi to 20000 psi
<b>Connection</b>	60-800	1/4 " NPT bottom connection 1/2 " NPT bottom connection for 20000 psi
<b>Movement</b>	60-800	Brass with jeweled bearings nickel-silver pinion gear and shafts
<b>Safety Protection</b>	60-800	Safety relief disc on the back of the case
<b>Accuracy</b>	60-800	± 0.25% Full Scale ASME grade 3A
<b>Pointer</b>	60-800	Adjustable knife-edge pointer
<b>Dial</b>	60-800	Aluminum, white mirrored background with black graduations

For details on accuracy/standard dial configuration and dial layouts, see pages 74-78

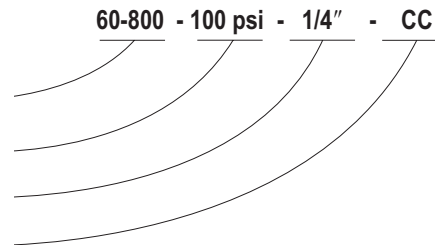
ORDERING INFORMATION								
<b>SERIES</b>	800							
<b>SIZE</b>	60 6 Inch							
<b>CASE TYPE</b>	800 SS Case, Bottom Connection							
<b>PRESSURE RANGES</b>	30 " Vac	-30 inHg to 0	30/300	-30 inHg to 0 to 300 psi	300	0 psi to 300 psi	5000	0 psi to 5000 psi
	30/15	-30 inHg to 0 to 15 psi	15	0 psi to 15 psi	400	0 psi to 400 psi	6000	0 psi to 6000 psi
	30/30	-30 inHg to 0 to 30 psi	30	0 psi to 30 psi	600	0 psi to 600 psi	10000	0 psi to 10000 psi
	30/60	-30 inHg to 0 to 60 psi	60	0 psi to 60 psi	1000	0 psi to 1000 psi	15000	0 psi to 15000 psi
	30/100	-30 inHg to 0 to 100 psi	100	0 psi to 100 psi	1500	0 psi to 1500 psi	20000	0 psi to 20000 psi
	30/160	-30 inHg to 0 to 160 psi	160	0 psi to 160 psi	2000	0 psi to 2000 psi		
	30/200	-30 inHg to 0 to 200 psi	200	0 psi to 200 psi	3000	0 psi to 3000 psi		
<b>SCALE OPTION</b>	psi psi single scale							
<b>CONNECTION SIZE</b>	1/4	1/4" NPT	1/2	1/2" NPT (standard for 20000 psi)				
<b>OPTIONS</b>	SSFF	304SS front flange	ST	Stainless steel tagging				
	SSRF	304SS rear flange	BP3	Brass press fit orifice 0.3 mm (below 10,000 psi)				
	CC	Carrying case	BT8	Brass threaded orifice 0.8 mm (below 10,000 psi)				
	LM	Laser marking	ST8	316SS threaded orifice 0.8 mm (10,000 – 20,000 psi)				

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

NOTE: Refer to 800 Series Options & Accessories chart on page 67 for availability by model number.

### EXAMPLE

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

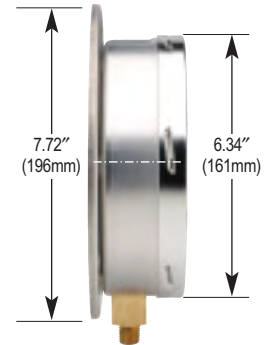
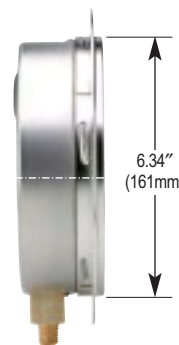
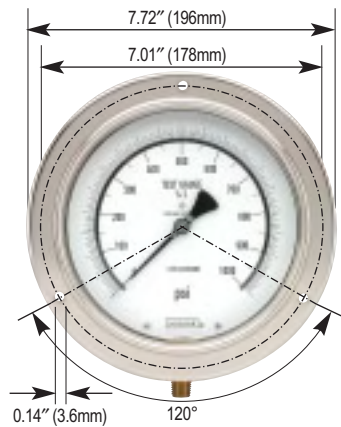
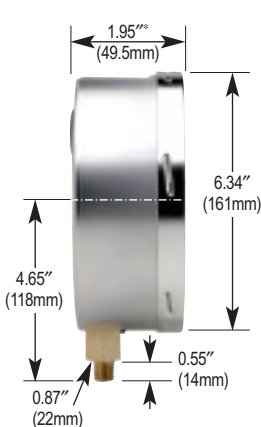


### OUTLINE DIMENSIONS

#### 60-800\*

#### 60-800 Front Flange

#### 60-800 Rear Flange



\*For ranges ≤60 psi and ≥1,500 psi, depth dimension changes to 2.58" (65.5mm)