Dial Indicating Pressure Gauges

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

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

<table>
<thead>
<tr>
<th>SERIES</th>
<th>SIZE</th>
<th>CASE TYPE</th>
<th>PRESSURE RANGES</th>
<th>SCALE OPTION</th>
<th>CONNECTION SIZE</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>60</td>
<td>800 SS Case, Bottom Connection</td>
<td>30 ° Vac -30 inHg to 0</td>
<td>psi psi single scale</td>
<td>1/4&quot; NPT</td>
<td>SSFF 304SS front flange</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>30/15 -30 inHg to 0 to 15 psi</td>
<td></td>
<td>1/2 1/2&quot; NPT (standard for 20000 psi)</td>
<td>ST Stainless steel tagging</td>
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<td></td>
<td></td>
<td></td>
<td>30/30 -30 inHg to 0 to 30 psi</td>
<td></td>
<td></td>
<td>SSRF 304SS rear flange</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>30/60 -30 inHg to 0 to 60 psi</td>
<td></td>
<td></td>
<td>CC Carrying case</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30/100 -30 inHg to 0 to 100 psi</td>
<td></td>
<td></td>
<td>LM Laser marking</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>30/160 -30 inHg to 0 to 160 psi</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>30/200 -30 inHg to 0 to 200 psi</td>
<td></td>
<td></td>
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**NOTE:** Refer to 800 Series Options & Accessories chart on page 67 for availability by model number.

### OUTLINE DIMENSIONS

**60-800**

- **60-800 Front Flange**
  - Depth: 7.72" (196mm)
  - Width: 6.34" (161mm)
  - Height: 6.34" (161mm)

- **60-800 Rear Flange**
  - Depth: 7.72" (196mm)
  - Width: 6.34" (161mm)
  - Height: 6.34" (161mm)

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

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