Bourdon Tube Pressure Gauge
Type 111.25CT Contractor Gauge
Standard Series

Applications
- HVAC
- Suitable for all media that will not obstruct the pressure system or attack copper alloy parts

Special features
- Stainless steel case
- ± 1% accuracy
- Reliable and economical

Standard Features

Design
ASME B40.100

Sizes
4½” (124 mm)

Accuracy class
± 1% of span (ASME B40.100 Grade 1A)

Ranges
Vacuum / Compound to 200 psi
Pressure from 15 psi to 600 psi
or other equivalent units of pressure or vacuum

Working pressure
Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: full scale value

Operating temperature
Ambient: -40°F to 140°F (-40°C to 60°C)
Media: 140°F (+60°C) maximum

Temperature error
Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% for every 18°F (10°C) rising or falling. Percentage of span.

Pressure connection
Material: Copper alloy
1/8” or 1/4” NPT lower mount (LM)

Bourdon tube
Material: copper alloy
C-type

Movement
Copper alloy

Dial
White aluminum with stop pin and black lettering

Pointer
Black aluminum, adjustable

Case
Stainless steel, matte finish

Window
Snap-in acrylic
Optional Extras

- Stainless steel rear flange
- Brass restrictor
- Nickel-plated connection
- Special threaded connection
- Custom dial layout
- Other pressure scales available:
  - bar, kPa, MPa, kg/cm² and dual scales

Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>T</th>
<th>W</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5&quot;</td>
<td>mm</td>
<td>124</td>
<td>86</td>
<td>29.2</td>
<td>9.8</td>
<td>149</td>
<td>62</td>
<td>30.5</td>
<td>5.6</td>
<td>14</td>
<td></td>
<td>0.80 lb</td>
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<tr>
<td></td>
<td>in</td>
<td>4.88</td>
<td>3.38</td>
<td>1.15</td>
<td>0.39</td>
<td>5.87</td>
<td>5.37</td>
<td>2.44</td>
<td>0.22</td>
<td>1/4&quot;</td>
<td>0.55</td>
<td></td>
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</tbody>
</table>

Ordering information
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Modifications may take place and materials specified may be replaced by others without prior notice.