Bourdon Tube Pressure Gauge Type 111.25CT Contractor Gauge Standard Series

Applications

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

Product Features

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

Specifications

**Design**
ASME B40.100

**Sizes**
4½" (115 mm)

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

**Ranges**
Vacuum / Compound to 200 psi (16 bar)
Pressure from 15 psi (1 bar) to 600 psi (40 bar) or other equivalent units of pressure or vacuum

**Working pressure**
Steady: ¾ of full-scale value
Fluctuating: ½ 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% of span for every 18°F (10°K) rising or falling.

**Pressure connection**
Material: Copper alloy
¼” NPT lower mount (LM)

**Bourdon tube**
Material: copper alloy
C-shape

**Movement**
Copper alloy

**Dial**
White aluminum with stop pin and black lettering

**Pointer**
Black aluminum

**Case**
Stainless steel, matte finish

**Window**
Snap-in polycarbonate
Optional Extras

- Stainless steel rear flange
- Brass restrictor
- Nickel-plated 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”</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>14</td>
</tr>
<tr>
<td>in</td>
<td></td>
<td>4.88</td>
<td>3.38</td>
<td>1.15</td>
<td>0.39</td>
<td>5.87</td>
<td>2.44</td>
<td>1.20</td>
<td>0.22</td>
<td>1/4”</td>
<td>0.55</td>
<td>0.80 lb.</td>
</tr>
</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.