Bourdon Tube Pressure Gauge
Type 111.11RF Refrigeration Gauge
Standard Series

Application

- Refrigeration test manifolds
- Compressed air systems
- Suitable for fluid medium which does not clog connection port or corrode copper alloy

Product Features

- Red and blue steel case
- Zero-adjustment screw on dial
- Silicone dampened movement

Specifications

Design
ASME B40.100

Sizes
2½" (68 mm)

Accuracy Class
± 1/2/5% of span
1% at zero pressure
2% in the first 75% of the scale
5% in the last 25% of the scale

Ranges
-30 InHg / 120 psi, retard to 350 psi / 0 / 500 psi
Additional Ranges / Consult Factory

Working Pressure
Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short Time: full scale value

Operating Temperature
Ambient: -4°F to 140°F (-40°C to 65°C)
Media: 140°F (+65°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
Lower Mount (LM) 1/8" or 1/4" NPT

Bourdon Tube
Material: Copper alloy
15 psi to 800 psi: C-shape

Movement
Copper alloy, silicone dampened

Dial
White aluminum with stop pin and black lettering.
Zero-adjustment screw on dial

Pointer
Black aluminum

Case
Red or Blue steel case

Window
Twist-lock clear polycarbonate

Restrictor
Brass restrictor press - 0.5mm
### Optional Extras

- Black ABS Case
- Refrigeration scales
- Other pressure scales available: Bar, kPa, MPa, kg/cm² and dual scales
- Red and blue ABS case

### Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>T</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5”</td>
<td>mm</td>
<td>72.4</td>
<td>57</td>
<td>31</td>
<td>12.0</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>in</td>
<td>2.85</td>
<td>2.24</td>
<td>1.22</td>
<td>0.47</td>
<td>1/8”</td>
</tr>
</tbody>
</table>

Weight: 0.55 lb., 0.25 lb.