Bourdon Tube Pressure Gauge
Solid-front Test Gauge - Process Type
Model 332.34

Applications
- Inspector's test gauge, used for on-site testing
- Testing and calibration of other measuring instruments
- Suitable for corrosive environments where the fluid medium does not clog the connection or corrode the wetted parts material.

Product features
- Solid front, blow-out back case
- Design meets ASME B40.100 safety requirements
- Thermoplastic (Pocan®) case
- Supplied standard with calibration test report

Specifications
Design
ASME B40.100

Size
4½" (115mm)

Accuracy class
- ±0.25% of span (ASME B40.100 Grade 3A) for pressure range ≤ 600 psi (40 bar)
- ±0.5% of span (ASME B40.100 Grade 2A) for pressure range > 600 psi (40 bar) and < 2,000 psi (160 bar)
- ±0.25% of span (ASME B40.100 Grade 3A) for pressure range > 2,000 psi (160 bar)

Bourdon Tube
Material: 316 SS
- ≤ 1,000 psi (70 bar): C-shape
- > 1,000 psi (70 bar): Helical

Movement
Stainless steel
- Internal stop pin at 1.1 times full scale value

Dial
White aluminum with black lettering and mirrored band

Pointer
Black aluminum, micrometer adjustable, with knife edge

Ranges
- Vacuum 30° Hg
- Pressure from 15 psi to 20,000 psi (all ranges not available in 0.25% accuracy) or other equivalent units of pressure or vacuum

Case
Black fiberglass reinforced thermoplastic (Pocan®)
- Solid front, blow-out back
- Turret style case with built in rear mounting lugs

Standard Scale
PSI

Window
Acrylic

Working Range
- Steady: Full scale value
- Fluctuating: 0.9 x full scale value
- Short time: 1.3 x full scale value
Ordering information
State computer part number (if available) type number/size/range/connection size and locations/options required. WIKA reserves the right to make changes without prior notice.

Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>R</th>
<th>S</th>
<th>T</th>
<th>W</th>
<th>Weight¹</th>
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</thead>
<tbody>
<tr>
<td>4.5&quot;</td>
<td>mm</td>
<td>128</td>
<td>103</td>
<td>84</td>
<td>120.3</td>
<td>6.3</td>
<td>40</td>
<td>28.5</td>
<td>148</td>
<td>136.5</td>
<td>25</td>
<td>12.5</td>
<td>22</td>
<td>2 lb. dry</td>
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<tr>
<td>in</td>
<td>5</td>
<td>4.06</td>
<td>3.31</td>
<td>4.74</td>
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<td>1.57</td>
<td>1.12</td>
<td>5.83</td>
<td>5.37</td>
<td>0.99</td>
<td>0.49</td>
<td>1/2&quot;</td>
<td>0.87</td>
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¹ Weight without optional accessories