Bourdon Tube Pressure Gauge
Model 332.54 LM-All Stainless Steel Construction

**Applications**
- Inspector's Test gauge
- Testing and calibration of other pressure measuring instruments
- Suitable for corrosive environments where the fluid medium does not clog the connection or corrode the wetted parts material.

**Special features**
- All stainless steel construction
- Removable bezel ring

**Standard version**

**Design**
ASME B40.100

**Size**
4” (100mm)

**Accuracy class**
- ± 0.25% of span (ASME B40.1 Grade 3A) for pressure range -30° Hg to 600 psi
- ± 0.5% of span (ASME B40.1 Grade 2A) for pressure range > 600 psi and < 2,000 psi
- ± 0.25% of span (ASME B40.0 Grade 3A) for pressure range > 2,000 psi to 20,000 psi

**Ranges (All ranges not stocked)**
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

**Bourdon Tube**
Material: 316 SS
30°Hg (Vac) to 1,000 psi C-type
1,500 PSI to 20,000 psi helical type

**Movement**
Stainless steel

**Dial**
White aluminum with black lettering and mirrored band

**Pressure Gauge 332.54**

**Pointer**
Black aluminum, micrometer adjustable, with knife edge

**Case**
304 SS with vent plug and polished stainless steel bayonet ring. Welded case to socket connection.

**Standard Scale**
PSI

**Window**
Laminated safety glass

**Working Range**
Steady: Full scale value
Fluctuating: 0.9 x full scale value
Short time: 1.3 x full scale value

**Operating Temperature**
Ambient: -40°F to 140°F (-40°C to 60°C)
Media: max. 212°F (+100°C)

**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.

**Connection**
Material: 316 SS
Lower mount (LM)
1/4” or 1/2” NPT
Window Gasket
Buna-N

Weather protection
Weather tight (NEMA 4X / IP 65)

Other
Supplied standard with a zippered, padded carry bag

ORDER OPTIONS (min. order may apply)
Custom dial layout
316 SS threaded restrictor
Polycarbonate window
Flat instrument glass window
Special connections limited to wrench flat area
Other pressure scales available:
Bar, kPa, Kg/cm² and dual scales
Cleaned for oxygen service
Red Mark Pointer

Dimensions

<table>
<thead>
<tr>
<th>Weight</th>
<th>Key</th>
<th>A*</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>S</th>
<th>T</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>332.54</td>
<td>mm</td>
<td>100</td>
<td>82</td>
<td>49</td>
<td>100</td>
<td>16</td>
<td>15</td>
<td>-</td>
<td>22</td>
</tr>
<tr>
<td>in</td>
<td></td>
<td>4</td>
<td>3.23</td>
<td>1.93</td>
<td>3.94</td>
<td>.63</td>
<td>.59</td>
<td>1/4*</td>
<td>.87</td>
</tr>
</tbody>
</table>

Note: A* = nominal size; for gauges with \(1/2''\) NPT connection, add 5mm (0.02") to "B" dimension

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.