Bourdon Tube Pressure Gauge  
Model 332.34 LM-All Stainless Steel Wetted Parts

Applications
- Inspector’s test gauge
- 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.

Special features
- Solid front, blow-out back case
- Design meets ASME B40.1 safety requirements
- Thermoplastic case

Standard version

Design  
ASME B40.100

Size  
4½” (115mm)

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

Bourdon Tube  
Material: 316 SS
Vacuum 30” Hg to 1,000 psi C-type
1,500 to 20,000 psi helical type

Movement  
Stainless steel
Internal stop pin at 1.3 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 (PBTP)
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

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.
Dimensions

Standard versions

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.