

# Bourdon Tube Pressure Gauge Model 332.54 LBM, Stainless Steel Construction

WIKA Datasheet 332.54

## Applications

- Inspector's Test gauge
- Testing and calibration of other pressure measuring instruments
- Suitable for fluid medium which does not clog port or corrode 316 stainless steel

## Special features

- Stainless steel case & wetted parts
- Test series

## Standard version

### Design

Test gauge

### Size

4" (100mm)

### Accuracy class

Ranges  $\pm 0.25\%$  of span (ASME B40.1 Grade 3A  
0/30" Hg to 600 PSI and 2000 PSI to 20,000 PSI  
 $\pm 0.5\%$  of span (ASME B40.1 Grade 2A  
600>2,000 psi

### Ranges (All ranges not stocked)

Vacuum / Compound to 30"Hg / 0 / 200 PSI  
Pressure from 15 PSI to 10,000 PSI or other equivalent units of pressure or vacuum

### Bourdon Tube

Material: 316 stainless steel  
30"Hg (Vac) to 1000 PSI C-type  
1500 PSI to 10,000 PSI helical type

### Movement

Stainless steel

### Dial

White aluminum with black lettering and mirrored band

### Pointer

Black aluminum, micrometer adjustable, with knife edge



Pressure Gauge 332.54

### Case

304 stainless steel 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)  $\pm 0.4\%$  for every 18°F (10°C) rising or falling. Percentage of span.

### Connection

Material: 316 stainless steel  
Lower mount (LM)  
1/4" or 1/2" NPT

## Window Gasket

Buna-N

## Other

Other supplied standard with a zippered, padded carry bag

## ORDER OPTIONS (min. order may apply)

Custom dial layout

316 SS threaded restrictor

Acrylic window

Flat glass window

Special connections limited to wrench flat area

Other pressure scales available:

Bar, kPa, Kg/cm<sup>2</sup> and dual scales

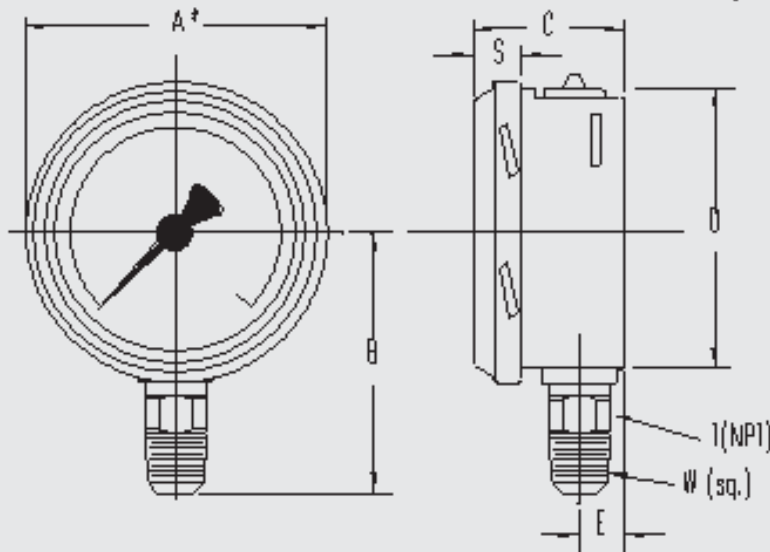
DIN standards

Cleaned for oxygen service

Drag pointer

## Dimensions

### Standard versions



	Weight	Key	A*	B	C	D	E	S	T	W
332.54	1.76 lbs.	mm	100	82	49	100	16	15	-	22
		in	4.0	3.23	1.93	3.94	.63	.59	1/4"	.87

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.



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