

Bourdon Tube Pressure Gauge

Model 332.54 LBM, Stainless Steel Constr

INSTRUMENTS • CONTROLS • VALVES

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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/cm² and dual scales

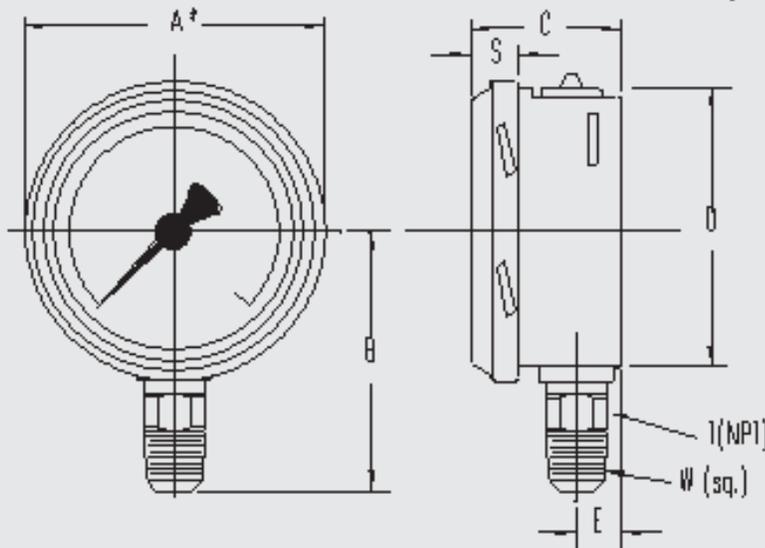
DIN standards

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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