

Bourdon Tube Pressure Gauge

Fig. P100

Black Steel Case • Dry Gauge • Threaded Type

Sizes 1-1/2" through 10"

SPECIFICATION

Design in accordance with BS EN837-1

Scale range conforms to EN 837-1/5

Thread comply with ISO228/1

Testing standards comply with BS EN837-1

TECHNICAL DATA

Nominal size: 40,50,63,100,150,200,250mm

Connection size: 40mm: 1/8" BSP

50,63mm: 1/4" BSP

100~250mm: 1/2" BSP

Scale range: Pressure: 0~0.6, 1, 1.6, 2.5, 4, 6, 10, 16, 25,

40, 60, 100, 160, 250, 400 bar

Vacuum: -1~0 bar

Compound: -1 ~ 0.6, 1.5, 3, 5, 9, 15, 24 bar

Operating temperature: Ambient: -40°C~+60°C

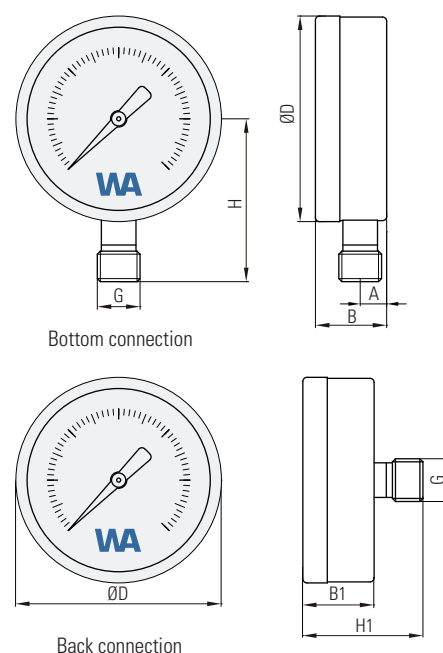
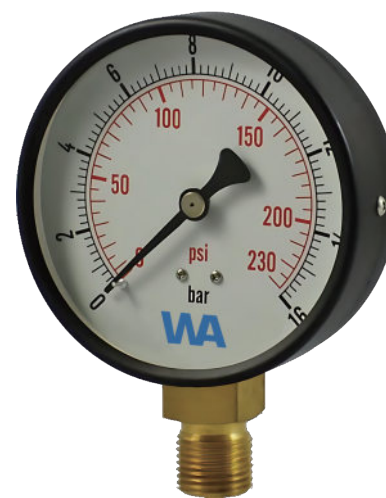
Medium: 60°C Max.

Accuracy class: 40, 50, 63mm: 2.5

100, 150, 200, 250 mm: 1.6

Options:

- NPT、BSPT or other process connection thread
- Restrictor (RS)
- Special face design
- Suitable for oxygen, free of oil and grease
- Double dial range or other dial ranges
- Acrylic windows
- Chrome plated steel housing, brass housing, stainless steel housing



DIMENSIONS

DN		ØD	B/B1	A	H	H1	G
mm	inch						
40	1-1/2"	42.5	23/24.5	8	37	39	BSP 1/8"
50	2"	53	28/27.5	10	46	47	BSP 1/4"
63	2-1/2"	63.5	28	10	52	47	BSP 1/4"
100	4"	100.5	35	13/15.5	80	59	BSP 1/2"
150	6"	150	49	18	114	-	BSP 1/2"
200	8"	200	49	18	144	-	BSP 1/2"
250	10"	250	50	19	175	-	BSP 1/2"

MATERIAL LIST

Part Name	Materials	Specification
Casing	Carbon Steel	Painted black steel
Bezel ring	Carbon Steel	Painted black steel
Window	Instrument Glass	-
Connection	Brass	-
Movement	Copper Alloy	-

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