

Bourdon Tube Pressure Gauge

Fig. P300

Stainless Steel Case • Stainless Steel Part • Dry Gauge • Threaded Type

Sizes 1-1/2" through 4"

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

Norminal size: 40, 50, 63, 80, 100 mm

Connection size: 40mm: 1/8" BSP

50, 63, 80mm: 1/4" BSP

100mm: 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, 600, 1000 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: 200°C Max.

Accuracy class: 40, 50 mm: 2.5

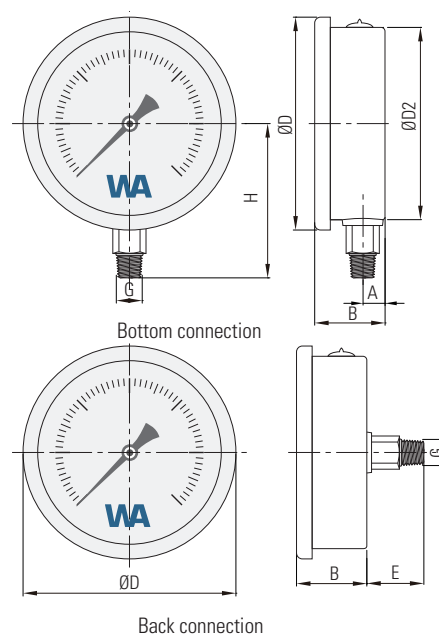
63, 80, 100 mm: 1.6

Options:

- NPT, BSPT or other process connection thread
- Double dial range or other dial ranges
- Silicone oil filling
- Refrigeration scale

MATERIAL LIST

Part Name	Materials	Specification
Casing	Stainless Steel	SS304
Crimped Ring	Stainless Steel	SS304
Window	Polycarbonate	-
Connection	Stainless Steel	SS316
Movement	Stainless Steel	SS316
Bourdon Tube	Stainless Steel	SS316
Standard Filling	Glycerin	-



DIMENSIONS

DN		ØD	B	E	H	ØD2	G
mm	inch						
40	1-1/2"	46.8	24.7	19	44.5	-	BSP 1/8"
50	2"	59.3	29.7	25	49.5	-	BSP 1/4"
63	2-1/2"	68	29.8	25	54.5	62	BSP 1/4"
80	3"	83	35	33	62	75	BSP 1/4"
100	4"	109	35.5	33	74	98	BSP 1/2"

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