

Bourdon Tube Pressure Gauge

Fig. 1100

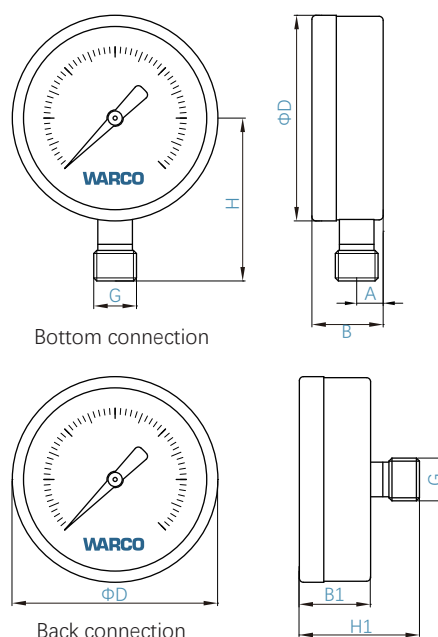
Specification

Design in accordance with BS EN837-1,GB/T1226
 Scale range conforms to EN 837-1/5
 Thread comply with ISO228/1
 Testing standards comply with BS EN837-1,GB/T 1226

Technical data

Normal 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
 100,150,200,250mm: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

Schematic



Material Specifications

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	-

Dimensions

DN		ΦD	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"

WARCO reserves the right to change dimensions without notice.