

Bourdon Tube Pressure Gauge

Fig. 1200

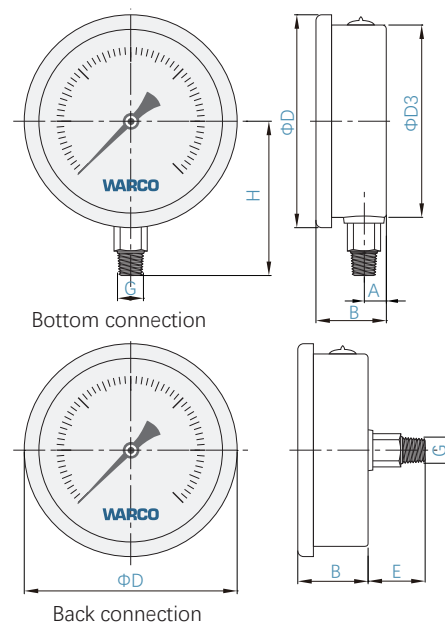
Specification

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

Norminal size: 40,50,63,100,150mm
Connection size: 40mm: 1/8" BSP
 50,63mm: 1/4" BSP
 100,150mm: 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
 100,150mm:1.6
Options: NPT、BSPT or other process connection thread
 Stainless steel connectors and bourdon tube
 Restrictor (RS)
 Suitable for oxygen, free of oil and grease
 Double dial range or other dial ranges
 Acrylic windows
 Chrome plated steel housing, brass housing

Schematic



Material Specifications

| Part Name | Materials | Specification |
|------------|------------------|---------------|
| Casing | Stainless Steel | SS304 |
| Bezel ring | Stainless Steel | SS304 |
| Window | Instrument Glass | - |
| Connection | Brass | - |
| Movement | Copper Alloy | - |

Dimensions

| DN | | ΦD | B | E | H | ΦD3 | 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" |
| 100 | 4" | 109 | 35.5 | 33 | 74 | 98 | BSP 1/2" |

WARCO reserves the right to change dimensions without notice.