

Badotherm model BDT17-08 series gauges are available as 160 mm dia. These gauges have a stainless steel case and phosphor bronze tube and are used for pressure gauge calibration and laboratory measurement. Suitable for all gaseous and liquid media that will not obstruct the pressure measuring system. The accuracy is measured at 20 °C.



**BDT17-08**

## test pressure gauge 0.25%

### mounting variations

- type A bottom connection, direct mounting
- type B panel mounting, clamp fixing, back connection
- type C surface mounting, bottom connection
- type D back connection, direct mounting
- type E panel mounting, back connection
- type F panel mounting, bottom connection

### technical specification model BDT17-08

<b>diameter</b>	<b>connection</b>	<b>window</b>	<b>ranges</b>
160 mm	1/2" BSP/NPT	glass	from -1/1600 bar
<b>casing</b>	<b>tube</b>	<b>movement</b>	<b>dial</b>
AISI304 bayonet	Cu-alloy	brass	mirror
<b>bezel</b>	<b>socket</b>	<b>pointer</b>	<b>accuracy</b>
AISI304 bayonet	brass	adjustable micro	0.25% FSD

Note: the degree of protection is IP54  
 additional error above +20 °C is +0.1%/10 K of true scale value  
 additional error under +20 °C is -0.1%/10 K of true scale value

### options and special executions at extra cost

casing	AISI316
bezel	AISI316
dials	customized – i.e., non standard ranges or logos
certificates	calibration -; conformity -; material.
manuals	installation and maintenance
connection	METRIC; BSPT; acc JIS in various sizes
restrictor	brass
special version	dia. 250 mm 0.2% accuracy
dia 250 mm	aluminium casing (also for back connection)
calibration certificate	10 points

## BDT17-08 - technical data sheet

### pressure details

#### working pressure

Steady	$\frac{3}{4}$ x full scale value
Fluctuating	$\frac{2}{3}$ x full scale value

#### pressure element

	<b>≤100 bar</b>	<b>&gt;100 bar</b>
BDT17-08	Copper alloy	Copper alloy

### temperature details

#### temperature limitations

	<b>ambient</b>	<b>process</b>
standard	-40 °C to 60 °C	65 °C

### design information

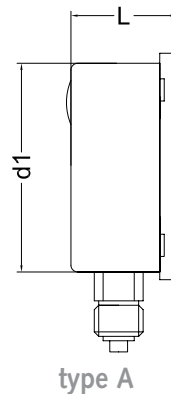
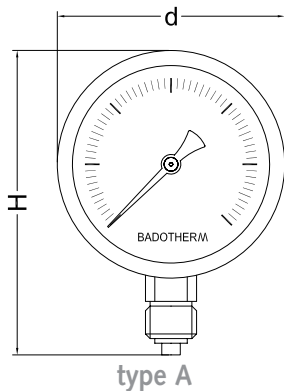
#### ingress protection

IP 54 per EN 60 529 / IEC 529

#### design

EN 837-1

### drawings



### dimensions

ns	d	d1	L	H	h	weight
160	160	149	50	200	-	1,10 kg

Note : dimensions are in mm