


BDT17-18

Badotherm model BDT17-18 series gauges are available as 160 mm dia. These gauges are all stainless steel construction with baffle wall and are suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure measuring system. The accuracy is measured at 20 °C. Standard without mirror scale.

test pressure gauge 0.5%

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 BDT17-18

diameter	connection	window	ranges
160 mm	1/2" BSP/NPT	safety glass	from -1/1000 bar
casing	tube	movement	dial
AISI304 bayonet	AISI316	stainless steel	aluminium
bezel	socket	pointer	accuracy
AISI304 bayonet	AISI316	adjustable micro	0.5% FSD

Note: the degree of protection is IP65
 additional error above +20 °C is +0.3%/10 K of true scale value
 additional error under +20 °C is -0.3%/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	stainless steel
connection position	top or side
dial	mirror scale
calibration certificate	5 points

BDT17-18 - technical data sheet

pressure details

working pressure

Steady	full scale value
Fluctuating	0,9 x full scale value

pressure element

	≤100 bar	>100 bar
BDT17-18	AISI316	AISI316

temperature details

temperature limitations

	ambient	process
standard	-40 °C to 60 °C	200 °C

design information

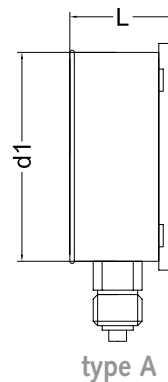
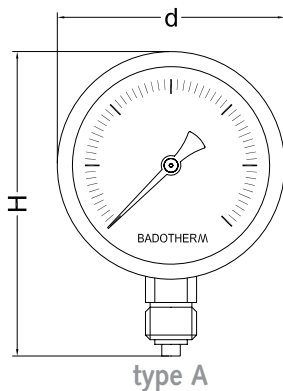
ingress protection

IP 54 per EN 60 529 / IEC 529

design

EN 837-1

drawings



dimensions

ns	d	d1	L	H	h	weight
160	160	149	64	200	-	1,2 kg

Note : dimensions are in mm