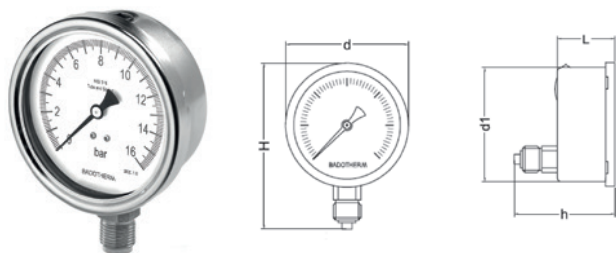


Process Pressure Gauges

All Stainless Steel Gauges Solid Front



ALL STAINLESS STEEL PRESSURE

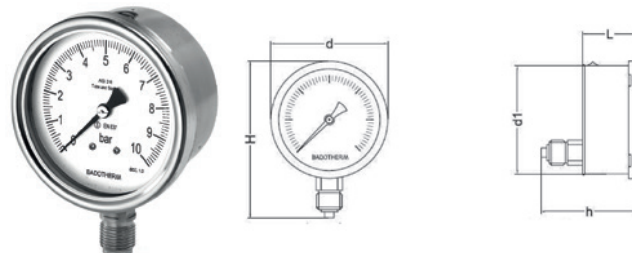
Pressure gauge model BDT18 is manufactured according to the EN837-1 and is available in full stainless steel or Monel. This pressure gauge is typically used for applications in the chemical, petro-chemical, oil & gas, power and utilities, machine building and general process industries. Safety comes first, with a blow-out feature, pressure elements are made of seamless drawn tubes and the welded type connection construction of the 100mm and 160mm. These gauges are designed to withstand the severest of operating conditions of the ambient environment and the process medium.

GENERAL FEATURES BDT18

Process connection: AISI316 (L)
Case and Bezel: AISI304
Movement: Stainless Steel
Pointer: Adjustable slotted in aluminum
Dial: White aluminum, black markings
Seals & gaskets: NBR
Window: Glass
Process size conn.: 1/4" -1/2" BSP or NPT
Certifications: ATEX EX II 2GD C

PG FEATURES

- Measure from vacuum up to 1600 bar
- All Stainless steel case and wetted parts
- High line pressure applications up to 1600 bar
- Select from 63mm. (2.5") to 160mm. (6") dials and dozens of options



"SOLID FRONT" ALL STAINLESS STEEL PRESSURE GAUGES

Pressure gauge model BDT20 is the solid front, safety pattern gauge according to the highest class of the EN 837-1 / 9.7.2 and ANSI B 40.1. The BDT20 stainless steel safety gauge has a solid front baffle wall and a full blow-out back. This pressure gauge is typically used for applications in the chemical, petro-chemical, and oil & gas industry or anywhere where safety comes first. These gauges are designed to withstand the severest of operating conditions created by the ambient environment and the process medium.

GENERAL FEATURES BDT20

Process connection: AISI316(L)
Case and Bezel: AISI304
Movement: Stainless Steel
Pointer: Adjustable slotted in aluminum
Dial: White aluminum, black markings
Seals & gaskets: NBR
Window: Glass
Process size conn.: 1/4" -1/2" BSP or NPT
Certifications: ATEX EX II 2GD C

SERIES NUMBER CASE DIAMETER	SENSOR ELEMENT TYPE	ACCURACY (VFS)	SCALE RANGE (bar)		MAX UNWORKING PRESSURE	OPERATING TEMPERATURE		MOUNTING POSITIONS	DIMENSIONS (mm)					
			MINIMUM RANGE	MAXIMUM RANGE		AMBIENT	PROCESS		d	d1	L	H	h	weight (kg)
BDT-18-63	bourdon	1,6 %	-1/0	0/1000	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	68	63	30	88	58	0,14
BDT-18-100	bourdon	1,0 %	-1/0	0/1600	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	11	10	49	14	83	0,53
BDT-18-160	bourdon	1,0 %	-1/0	0/1600	F.S.*	-40°C ... +90°C	100°C	A-B-C-D-E	16	14	50	200	84	1,02
BDT-20-63	bourdon	1,0 %	-1/0	0/1000	F.S.*	-40°C ... +90°C	200°C	A	68	63	40	88	-	0,2
BDT-20-100	bourdon	1,0 %	-1/0	0/1600	F.S.*	-40°C ... +90°C	200°C	A	110	100	63	142	100	0,65
BDT-20-160	bourdon	1,0 %	-1/0	0/1600	F.S.*	-40°C ... +90°C	200°C	A	16	14	64	20	-	1,2

*Max. working pressure, if fluctuating is 0,9% x v.f.s. - Over-pressure 1,25% of full scale @ 20°C

**Op. temp. are for gauges without filling. With filling the ambient t are -25°C ... +60°C (+60°C) with glycerine & -40°C ... +60°C (+90°C) with silicone.