

BOURDON TUBE PRESSURE GAUGES HIGH GRADE CONSTRUCTION ACC. TO DIN EN 837-1



DRUCK & TEMPERATUR

Nominal diameter 100, 160
Connection material brass
Connection position bottom or back



For industrial use, which places great emphasis on accuracy and long-term stability.
The pressure gauges can be used for liquids or gases, which neither crystallise nor are highly viscous or aggressive against copper alloys.

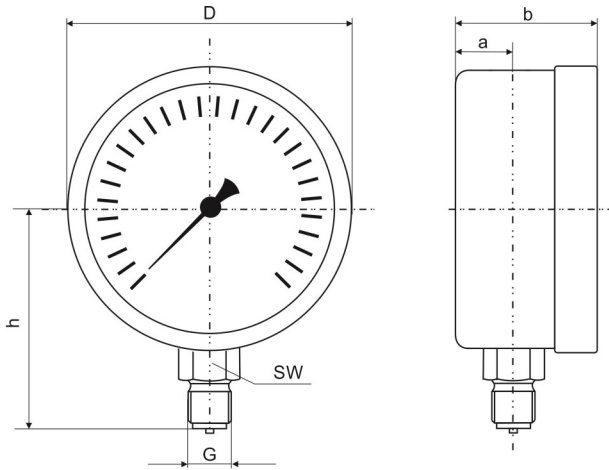
Type	5331	5341	5301	5311	Options
Nominal diameter	100		160		
Symbol					
Accuracy	class 1,0 acc. to DIN EN 837-1				
Measuring ranges	0...0,6 bar up to 0...1000 bar, positive or negative overpressure				MPa, kPa
Applications	Constant load: end of scale value Alternating load: 0,9 x end of scale value short term: 1,3 x Endwert				
Case	Stainless steel				Exhaust vent
Ring	Bayonet ring, stainless steel				
Measuring element	Cu-alloy up to 40 bar, above 60 bar stainless steel				
Press. connection	Cu-alloy up to 1000 bar; (above 1000 bar stainless steel)				
Thread	G 1/2 B				M20x1,5 others on request
Connection position	radial bottom	eccentric back	radial bottom	eccentric back	
Orifice					Ø0,3, 0,4, 0,8 mm
Window	Instrumental glass				Safety glass
Movement	Cu-alloy, German silver				
Dial	Aluminium white, scale and lettering black				Special scale
Pointer	Aluminium black				Mark pointer, drag pointer
Temperatures	Medium: -20°C bis +80°C, ambient: -25°C bis +60°C				Special solder max. 130°C, hard solder max. 150°C
Protection	IP54 according to EN 60529 / IEC 529				
Mounting					Back or front flange, bracket mounting
Weight	approx. 0,60 kg		approx. 1,00 kg		

Type 5331, 5341, 5301, 5311

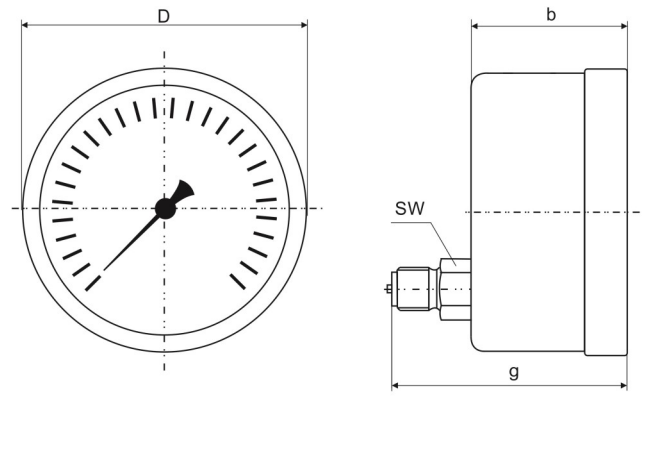
Dimensional drawing

Dimensions in mm

Type 5331 and 5301



Type 5341 and 5311

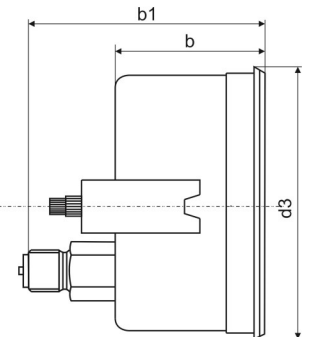
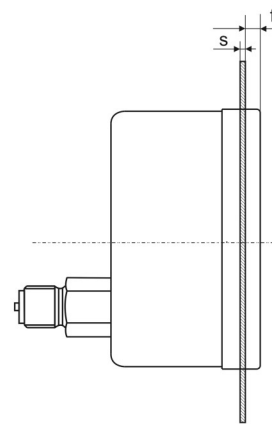
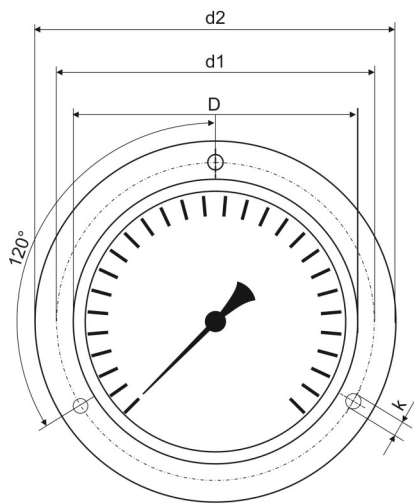


Mounting flange

back flange

front flange

bracket mounting



Type	NG	D	G	SW	d1	d2	d3	a	b	b1	s	f	k
5331	100	101	G 1/2 B	22	116	132	107	15	49	-	2	6	5
5341	100	101	G 1/2 B	22	116	132	107		49	85	2	6	5
5301	160	160	G 1/2 B	22	178	196	-	15	51		3	8	5,6
5311	160	160	G 1/2 B	22	178	196	166		51	86	3	8	5,6