

ALL STAINLESS STEEL PRESSURE GAUGE WITH CAPSULE ELEMENT ACC. TO DIN EN 837-3



DRUCK & TEMPERATUR

Nominal size 63, 100, 160

Connection position bottom or back

For measuring small positive and / or negative overpressures in gaseous, dry and non-aggressive media. These capsule pressure gauges are characterized by high reliability and long-term stability. The zero point is corrected via the dial.



Type	6080	6081	6086	6087	6088	6089	Options
Nominal size	63		100		160		NG 80
Symbol							Glycerine filling NS 63 from 160 mbar NS 100 from 100 mbar
Accuracy	Class 1,6 according to DIN EN 837-3						
Measuring ranges	0/2,5 ...0/600 mbar negative and / or positive overpressure						
Applications	Constant load: full scale value Alternating load: 0,9 x full scale value Overload: 1,3 x full scale value, short-time						higher overload safety on request
Case	Stainless steel						
Bayonet ring	Stainless steel						
Measurement	Stainless steel						
Connection material	Stainless steel						
Thread	G 1/4 B (M12x1,5)		G 1/2 B (M20x1,5)				Others on request
Connection position	radial bottom	centric back	radial bottom	centric back	radial bottom	centric back	
Window	Safety glas						
Movement	Stainless steel, with zero point adjustment						
Dial	Aluminium white, scale and lettering black						Special scale
Pointer	Aluminium black						
Temperatures	Medium: -20°C up to Tmax. 80°C, ambient: -25°C; Tmax 60°C						
Orifice							Ø 0,3, Ø 0,4; Ø 0,8
Mounting optional	Back flange, front flange, bracket mounting						
approx. Weight (kg)	0,220	0,220	0,60	0,60	1,0	1,0	

Type 6080, 6081, 6086, 6087. 6088, 6089

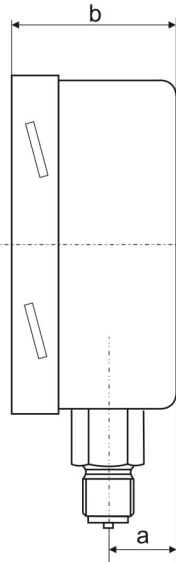
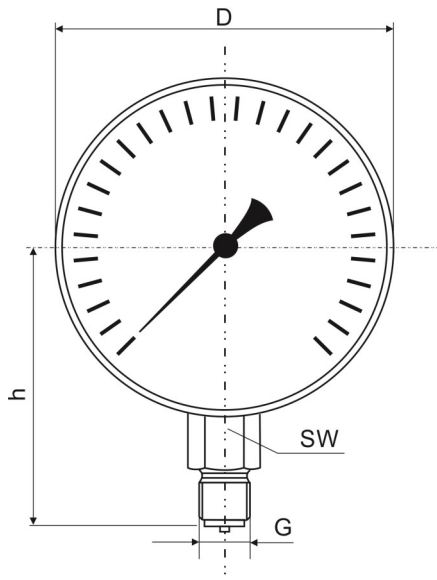
Dimensional drawing

Dimensions in mm

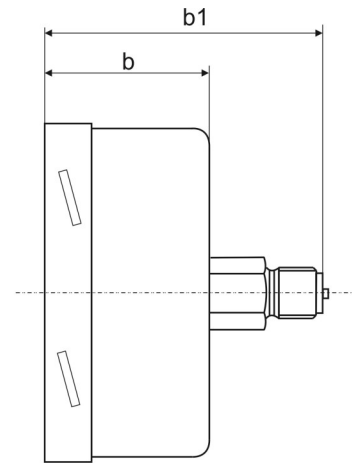


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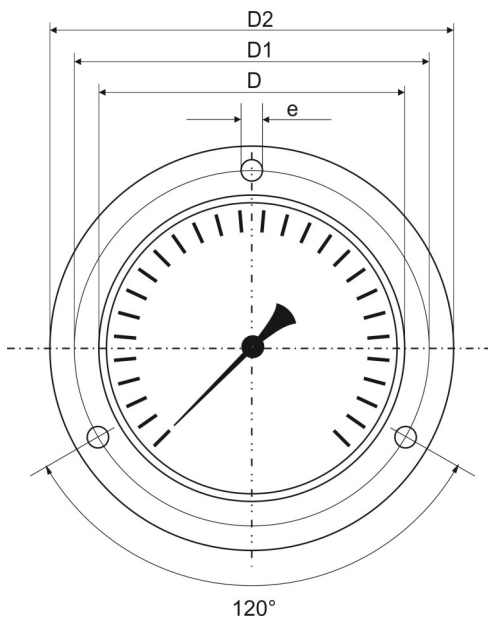
Connection bottom type 6080, 6086, 6088



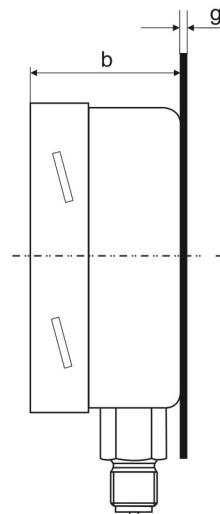
Connection bottom type 6081, 6087, 6089



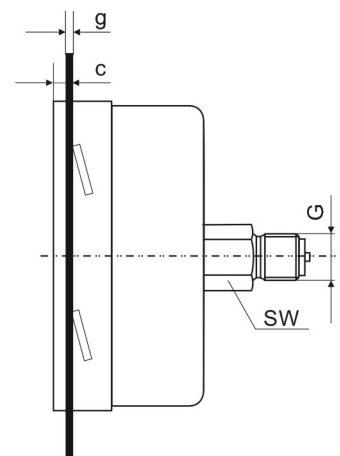
Hole pattern for panel mounting



Back flange



Front flange



Type	NS	D	G	a	b	b1	h	SW	D1	D2	c	g	e
6080	63	68,5	G 1/4 B	9,5	39		53	14	75	8	24	3	3,7
6081	63	68,5	G 1/4 B		39	66		14	75	85	24	3	3,7
6086	100	101	G 1/2 B	15	49		86	22	116	132	6	2	5
6087	100	101	G 1/2 B		49	85		22	116	132	6	2	5
6088	160	160	G 1/2 B	15	51		118	22	178	196	8	3	5,6
6089	160	160	G 1/2 B		51	86		22	178	196	8	3	5,6

Dimensions for devices with filling possible different.

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