



ALL STAINLESS STEEL PRESSURE GAUGE WITH BOURDON PEN

diameters 63, 100, 160mm
bottom, back connection

DESCRIPTION:

- bayonet case/encased stainless steel 17 240/1.4301
 - safety glass/acrylate inspection hole
- back/bottom connection: stainless steel 17 348/1.4571
- measurement mechanism: stainless steel 17 348/1.4571

APPLICATION:

- food industry
- petrochemical industry
- pharmaceutical industry
- power engineering

TECHNICAL PARAMETERS:

- diameter: 63, 100, 160mm
- measure range: 0-60, 100, 160, 250, 400, 600kPa
0-1; 1,6; 2,5; 4; 6; 10; 16; 25...700MPa
-0,1+2,4; -0,1+1,5; -0,1+0,9MPa
-100+500, -100+300, -100+150, -100+150kPa
- scale: Pa, bar, individual
- connection threads: M12x1,5, M20x1,5 (G1/4, G1/2, NPT)
- accuracy class: d. 63mm 1,6%
d. 100, 160mm 1%
- design: pressure gauge, pressure-vacuum indicator,
vacuum indicator

SPECIFICATION:

All stainless steel pressure gauges with bourdon pen for measuring pressures of values up to 100MPa (for d. 63mm), up to 400MPa (for d.100mm) and up to 700MPa (for d.160mm).

Pressure gauges are produced in compliance with EN837-1 standard and are suitable for measurements of all non-viscous and non-aggressive liquids, vapour and gases that do not have corrosive/destructive effect on stainless steel material cl.17 348/1.4571 of the measurement mechanism.

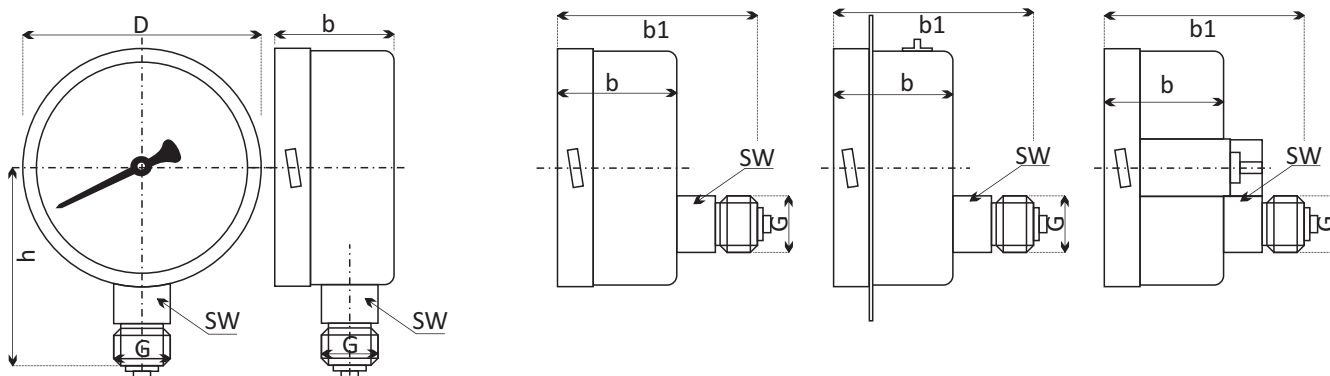
Other options of design on request - special scale design, connection threads, back/front flange, silicone or glycerine damping (mark G), etc.

Code	304CH (G)	358CH (G)	312 CH (G)	322 CH (G)	313CH (G)	323CH (G)
Diameter	63mm		100mm		160mm	
Design (connection)	bottom	back	bottom	back	bottom	back
Accuracy class	1,6%		1%			
Measuring range	up to 100MPa		up to 400MPa		up to 700MPa	
Highest accuracy	constant pressure - 3/4 from all range ,fluctuating pressure - 2/3from all ranges					
Case	stainless steel 17 240/1.4301					
Ring	stainless steel - encased/ bayonet		stainless steel - bayonet			
Inspection hole	glass					
Dial	white Al sheet with black print according to DIN 16 109					
Needle	black sprayed Al sheet					
Measure mechanism	stainless steel 17 348/1.4571					
Connection	stainless steel 17 348/1.4571					
Thread	M12x1,5 (G1/4)		M20x1,5 (G1/2)			
Medium temper.	T _{max} 200°C up to 80 °C glycerine damping, over 80°C silicone damping					
Environment temp.	T _{min} -20°C, T _{max} 80°C					
Measuring depend. on temperature	0,3%/10K for deviations from normal temperature 20°C					
Weight approx.	0,2kg	0,2kg	0,6kg	0,6kg	1,5kg	1,5kg
	glycerine or silicone damping with G marking (ex. 312CHG)					

• bayonet -bottom connection

• back connection

- with front flange - with clamp

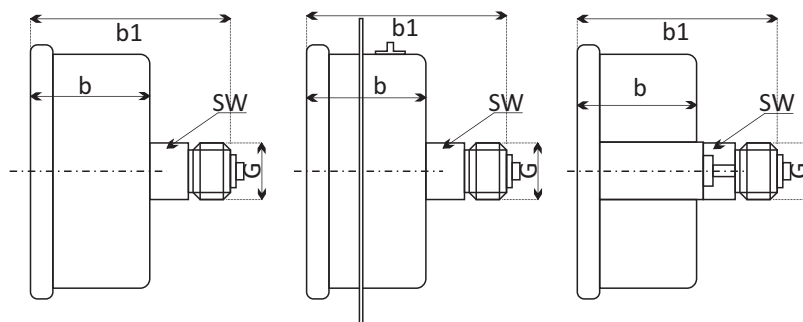
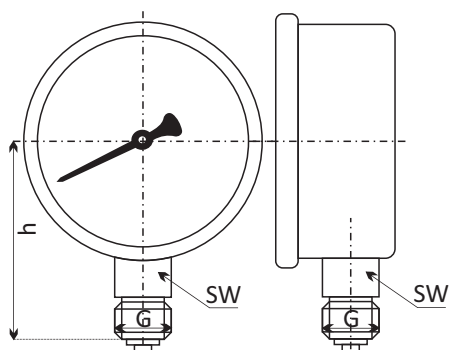


Dimensions in mm							
Type	Nom. size	b1	b	D	G	h	SW
304CH(G)	63	-	32	64	M12x1,5 (G1/4)	52	14
358CH(G)	63	62	32	64	M12x1,5 (G1/4)	-	14
312CH(G)	100	-	49	101	M20x1,5 (G1/2)	86	22
322CH(G)	100	83	49	101	M20x1,5 (G1/2)	-	22
313CH(G)	160	-	50	160	M20x1,5 (G1/2)	116	22
323CH(G)	160	83	50	160	M20x1,5 (G1/2)	-	22

• encased - bottom connection

• back connection

- with front flange - with clamp



Dimensions in mm							
Type	Nom. size	b1	b	D	G	h	SW
304CH(G)	63	-	30	61	M12x1,5 (G1/4)	56	14
358CH(G)	63	60	30	61	M12x1,5 (G1/4)	-	14

