



ALL STAINLESS STEEL LOW PRESSURE GAUGE

diameters 63, 100, 160mm
bottom and back

DESCRIPTION:

- case encased/ bayonet stainless steel 17 240/1.4301
 - acrylate, safety glass inspection hole
- connection: bottom/back 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 ranges: 0-250, 400, 600Pa
0-1; 1,6; 2,5; 4; 6; 10; 16; 25; 40kPa,
-150+250, -200+400, -400+600Pa,
-0,6+1; -1+1,5; -1,5+2,5; -2+4;
-4+6; -6+10; -10+15; -15+25kPa
-400-0, -600-0Pa
-1-0; -1,6-0; -2,5-0; -4-0; -6-0; -10-0; -16-0; -25-0; -40-0kPa
- connection thread: M12x1,5, M20x1,5 (G1/4, G1/2)
 - accuracy class: 1,6%, 1%
- design: pressure gauge, pressure-vacuum indicator,
vacuum indicator
- special scale design

SPECIFICATION:

All stainless steel low pressure gauges are produced in compliance with EN837-3 standard.

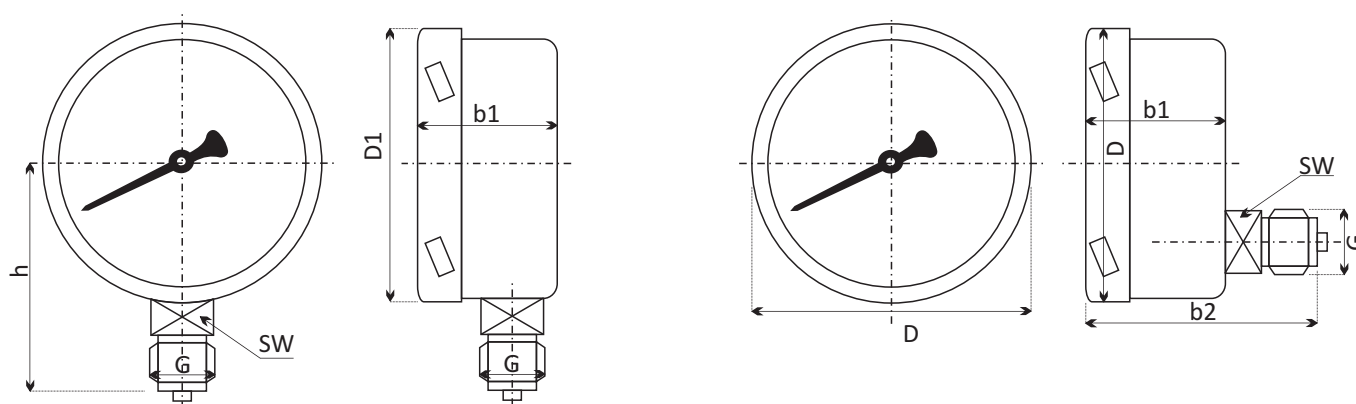
Pressure gauges are suitable for measurements of all non-viscous and non-aggressive liquids, vapour and gases, that do not have corrosive/ destructive effect on stainless steel class 17 348/1.4571 using measurement mechanism of capsule membrane.

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

Code	304CHM (G)	358CHM (G)	312 CHM (G)	322 CHM (G)	313CHM (G)	323CHM (G)
Diameter	63mm		100mm		160mm	
Design (connection)	bottom	back	bottom	back	bottom	back
Accuracy class	1,6%		1%		1%	
Measuring range	up to 40kPa		up to 40kPa			
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	1,1kg	1,2kg
	glycerine or silicone damping with G marking (ex. 312CHMG)					

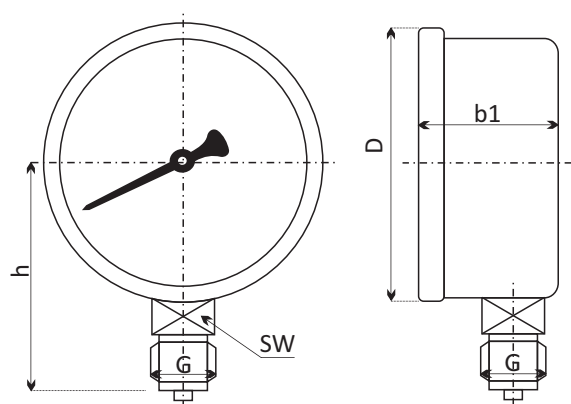
• bayonet - bottom connection

• back connection

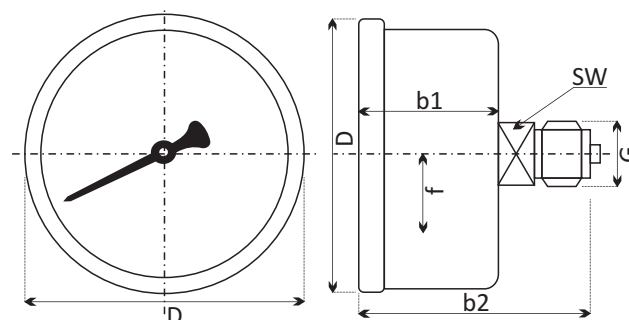


Dimensions in mm							
Type	Nom. size	b1	b2	D	G	h	SW
304CHM	63	32	-	64	M12x1,5 (G1/4)	52	14
358CHM	63	32	62	64	M12x1,5 (G1/4)	-	14
312CHM	100	50	-	101	M20x1,5 (G1/2)	84	22
322CHM	100	50	83	101	M20x1,5 (G1/2)	-	22
313CHM	160	50	-	160	M20x1,5 (G1/2)	118	22
323CHM	160	50	83	160	M20x1,5 (G1/2)	-	22

- encased- bottom connection



- back connection



Dimensions in mm							
Type	Nom. size	b1	b2	D	G	h	SW
304CHM	63	30	-	68	M12x1,5 (G1/4)	56	14
358CHM	63	30	60	68	M12x1,5 (G1/4)	-	14

