



## ALL-STAINLESS STEEL PRESSURE GAUGE WITH SEPARATING MEMBRANE

diameters 100, 160mm  
bottom, back connection

### DESCRIPTION:

- case: stainless steel 17 240/1.4301
- inspection hole: glass, safety glass
- connection and measurement system stainless steel 17 348/1.4571

### APPLICATION:

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

### TECHNICAL PARAMETERS:

- diameter: 100, 160mm
- measuring ranges:
  - 0-4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400, 600kPa
  - 0-1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60MPa
  - 0,1+2,4; -0,1+1,5; -0,1+0,9MPa
  - 100+500, -100+300, -100+150, -100+0kPa
  - 0,6+1; -1+1,5; -1,5+2,5; -2+4;
  - 4+6; -6+10; -10+15; -15+25kPa
- scale: Pa, bar, individual
- connection threads:
  - M20x1,5 (G1/2), threads to M65x2 (G1 1/2)
- accuracy class: 1%

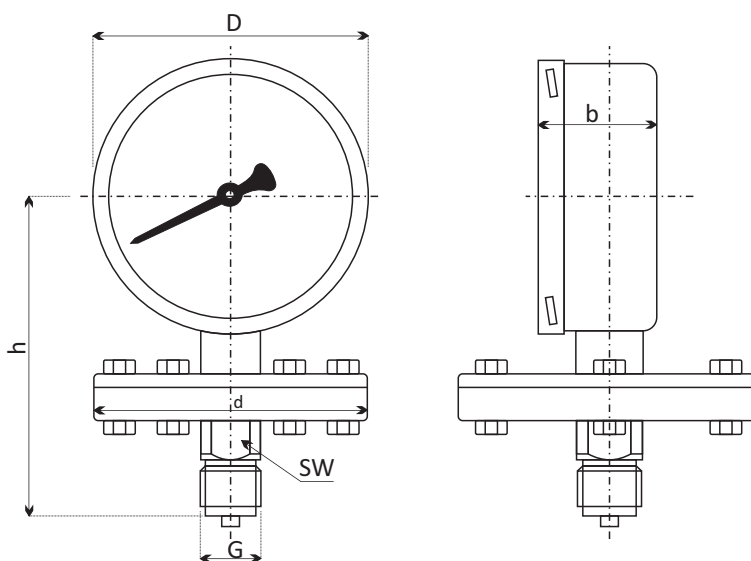
### SPECIFICATION:

All-stainless steel pressure gauges with a basic screwed-together separating membrane, in stainless steel design, alter. teflon-coated design.

Pressure gauges are produced in compliance with EN837-3 standard. They are used for measurements of all aggressive media, that do not have a corrosive/ destructive effect on stainless steel materials class 17 348/1.457, alternatively teflon.

At applications, where it is impossible to use the screwed-together separating membrane, it is applicable to use other type of membrane from wide range of designs and materials. For details see chapter E.7/Separating membranes.

Code	379CH	379CHG	376CH	376CHG
Diameter	100mm		160mm	
Design (connection)	bottom	bottom with glycerine	bottom	bottom with glycerine
Accuracy class	1,6 / 2,5 %			
Range	0-100kPa...0-2,5 MPa (screwed together membrane) 0-100kPa...0-60 MPa (screwed together with welded-on membrane) vacuum and pressure			
Highest accuracy	constant pressure - 3/4 from all range, fluctuating pressure - 2/3 from all range			
Case	stainless steel 17 240/1.4301			
Ring	stainless steel 17 240/1.4301 - bayonet			
Inspection hole	glass			
Scale	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	M20x1,5 (G 1/ 2) , threads up to M65x2 (G1 1/ 2), opened flanges from DN 15 to DN 80			
Flange	stainless steel 17 348/1.4571			
Separating membr.	teflon, stainless steel, PTFE, Hestelloy, Monel, Nickel, Tantan, Titan, silver-plated			
Measuring depend. on temperature	0,3%/10K for deviations from normal temperature 20°C			
Weight approx.	2,1 kg	2,6 kg	3,0 kg	3,9 kg
up to 60kPa marking with M (379CHMG, 379CHMG etc.)				



Dimensions in mm							
Type	Nom.size	b	D	d	G	h	SW
379CH	100	49	101	100	M20x1,5 (G1/2)	117	22
376CH	160	49	161	100	M20x1,5 (G1/2)	149	22