

Capsule type pressure gauge  
for chemical applications

H 041

## Radial or Axial

For aggressive, gaseous and  
dry media, also for use in  
aggressive environments

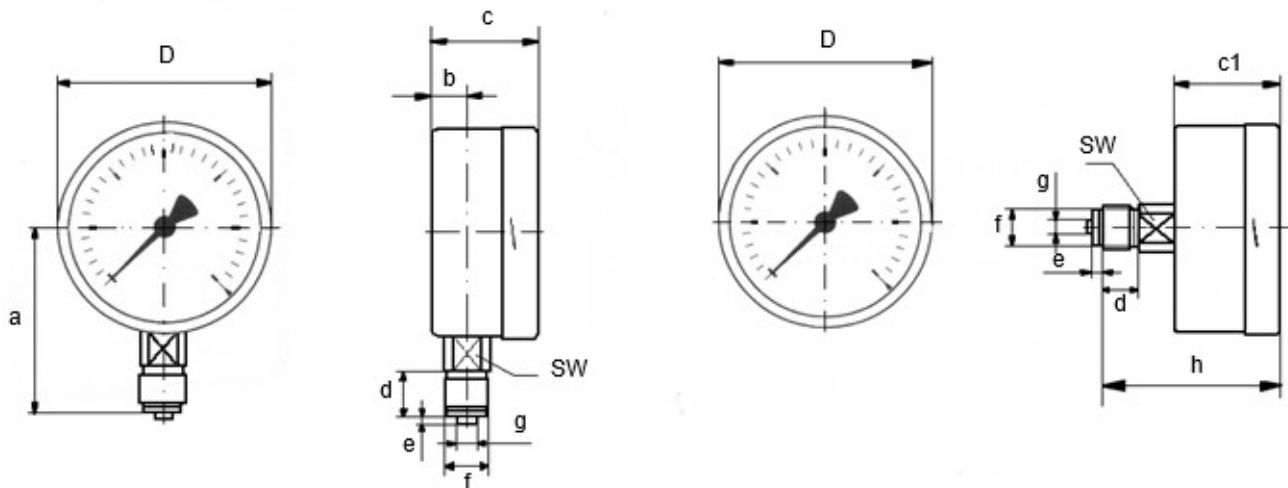
Nominal size:	63 – 100 – 160 mm
Connection:	Stainless steel 1.4571, bottom or back (center) NG 63 G $\frac{1}{4}$ B – SW14; NG 100 – 160 G $\frac{1}{2}$ B –
Housing:	Stainless steel 1.4301; seal: FKM (Viton)
Bayonet bezel:	Stainless steel 1.4301
Dial:	Aluminum white, graduation black
Window:	Laminated safety glass
Movement:	Stainless steel
Zero correction:	From the front
Measuring element:	Capsule element, stainless steel 1.4571
Measuring range: (EN 837-3/5):	0/25 to 0/1000 mbar and all corresponding vacuum and compound ranges with overpressure protection
Accuracy : (EN 837-3/6)	class 1,6
Range of application:	Static load: full scale value Alternating load: 0,9 x scale value Overload safety: 1,3 x scale value
Operating temperature:	Environment: T <sub>min</sub> = -20°C; T <sub>max</sub> = +60°C Medium: T <sub>max</sub> = +100°C
Temperature error:	Indication error when the temperature of the measuring element deviates from +20°C: rising or falling temperature approx. $\pm 0,6\%/10$ K percentage of full scale value
Protection:	IP 32 (EN60529)
Options:	Back flange 3-hole front flange  Throttle screw

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Nominal size (D)	a	b	c	c1	d	e	f	g	h
63	53	10,8	40	37	13	2	G1/4B	5	60
100	86	15,6	49	49	20	3	G1/2B	6	81
160	116	17,5	50	50	20	3	G1/2B	6	82

Size in mm

### Details

We can offer further versions and special remarks on request.

[Technical changes reserve.](#)