B.1.11.

LOW PRESSURE GAUGE 313M, 323M

diameter 160mm bottom and back connection

DESCRIPTION:

- stainless steel case 17 240/1.4301
- safety glass inspection hole
- connect. 313M (bottom), 323M (back) CuZn and copper alloys
- measuring mechanism CuZn and copper alloys
- reset bolt

APPLICATION:

- gas industry
- heating management
- air-conditioning
- power engineering
- gas distribution

TECHNICAL PARAMETERS:

- diameter: 160mm
- measure range: 0-400, 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

- scale: Pa, bar
- connection thread: M20x1,5, G1/2
- accuracy class: 1,6%
- design: pressure gauge, pressure-vacuum indicator, vacuum indicator
- special scale design

SPECIFICATION:

Low pressure gauges 313M/323M are produced according to standard EN837-3. Mainly used for pressure measuring of liquids, vapour and gases, that do not have corrosive effect on copper alloys.

Low pressure gauges are designed for very low pressure measurements up to 400Pa. Used primary in gas distribution.

Environment temperature -40 up to 60°C,medium temperature T_{max} 60°C.

Low pressure gauges are equipped with regulatory bolt for exact reset, when it is required to set zero value before each installation.

Other design options on request - special scale design, connection thread, glycerine or silicon damping, front/back flange, etc.

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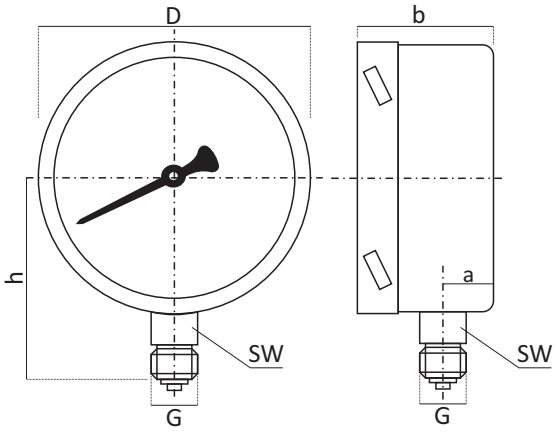
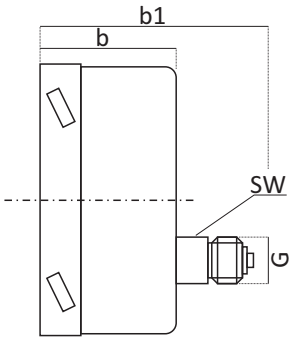
Code	313M	323M
Diameter	160mm	
Design	bottom connection	back connection
Accuracy class	1,6%	1,6%
Range	0-400Pa...0-40kPa, vacuum and pressure	
Highest accuracy	constant pressure - 3/4 from all range, fluctuating pressure - 2/3 from all range	
Case	stainless steel 17 240/1.4301	
Ring	stainless steel 17240/1.4301 - bayonet	
Inspection hole	glass	
Scale	white Al sheet with black print according to DIN 16 109	
Needle	black sprayed Al sheet	
Machine basis	CuZn - alloy	
Spring	Cu - alloy	
Connection	CuZn - alloy	
Thread	M20x1,5 or G1/2	
Medium temper.	T_{max} 60°C	
Environment temp.	T_{min} -40°C, T_{max} 60°C	
Measuring depend. on temperature	0,3%/10K for deviations from normal temperature 20°C	
Weight approx.	1,1kg	1,2kg

• 313M - bottom connection



• 323M - back connection



Dimensions in mm								
Type	Nom. size	a	b	b1	D	G	h	SW
313M	160	15	50	-	160	M20x1,5	118	22
323M	160	-	50	83	160	G1/2	-	22

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