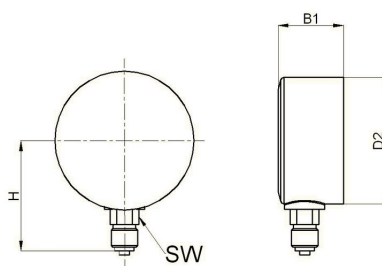


Chemical version pressure gauge



Design type	Bourdon tube pressure gauge chemical version after EN 837-1
Nominal size	Diameter 63mm, 100mm and 160mm
Accuracy	Class 1,6 at Ø63mm, Class 1,0 at Ø100mm and Ø160mm
Medium temperature	max. +200°C
Ambient temperature	-40...+60°C
Temperature influence	±0,4%/10K from the full-scale value in the event of deviation from the normal temperature 20°C
Degree of protection	IP65 according to EN60529
Material	Housing Stainless steel Pressure port Stainless steel 1.4404 Measuring element Stainless steel 1.4404 Pointer mechanism Stainless steel Sight glass Laminated safety glass
Applications	Diameter 63mm: Static load: 3/4xFull-scale value, Alternating load: 2/3xFull-scale value, short-term: Full-scale value Diameter 100mm: Static load: Full-scale value, Alternating load: 0,9xFull-scale value, short-term: 1,3xFull-scale value
Application	For gaseous and liquid, non-high-viscosity, non-crystallizing and aggressive media to be measured, also in aggressive environments

Dimensions



Diameter [mm]	Thread G	B1	D2	H	SW	Weight [approx. kg]
63	1/4"	33	63	54	14	0,16
100	1/2"	49,5	101	87	22	0,60
160	1/2"	49,5	161	118	22	1,10



Diameter [mm]	Pressure range [bar]	Type
63	-1/0	4001
63	0...2,5	4002
63	0...4	4003
63	0...6	4004
63	0...10	4005
63	0...16	4006
63	0...25	4007
63	0...40	4008
63	0...100	4009

Diameter [mm]	Pressure range [bar]	Type
100	-1/0	4022
100	-1/0,6	4023
100	-1/1,5	4024
100	-1/3	4025
100	-1/5	4026
100	-1/9	4027
100	-1/15	4028
100	0...1	4030
100	0...1,6	4030/1
100	0...2,5	4030/2
100	0...4	4031
100	0...6	4032
100	0...10	4033
100	0...16	4034
100	0...25	4035
100	0...40	4036
100	0...60	4037

Diameter [mm]	Pressure range [bar]	Type
160	-1/0	4012
160	-1/0,6	4013
160	0...10	4053
160	0...16	4054
160	0...25	4055

Illustrations non-binding
Design, dimensional and material changes reserved

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