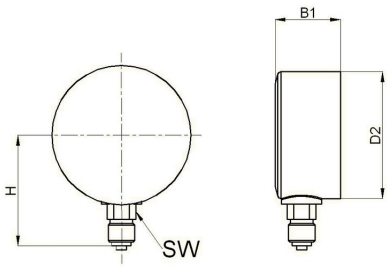
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Pressure gauge, heavy-duty version



Design type	Bourdon tube pressure gauge in heavy-duty version after EN 837-1
Nominal size	Diameter 100mm and 160mm
Accuracy	Class 1,0
Medium temperature	max. +80°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	IP54 according to EN60529
Material	Housing Stainless steel Pressure port Brass Measuring element less than 100bar Copper alloy, from 100bar Stainless steel AISI316L Pointer mechanism Copper alloy Sight glass Instrument flat glass
Applications	Static load Full-scale value Alternating load 0,9 x Full-scale value short-term 1,3 x Full-scale value
Application	For gaseous and liquid, non-high-viscosity and non-crystallizing measured media, do not attack any copper alloys

Dimensions



Diameter [mm]	Thread G	B1	D2	SW	Weight [approx. kg]
100	1/2"	49,5	100	22	0,60
160	1/2"	49,5	160	22	1,10

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Diameter [mm]	Pressure range [bar]	Type
100	-1/0	500
100	-1/1,5	500/1
100	-1/3	500/2
100	-1/5	500/3
100	-1/9	500/4
100	-1/15	500/5
100	0...0,6	501
100	0...1	502
100	0...1,6	503
100	0...2,5	504
100	0...4	505
100	0...6	506
100	0...10	507
100	0...16	508
100	0...25	509
100	0...40	510
100	0...60	511
100	0...100	512
100	0...160	513
100	0...250	514
100	0...400	515
100	0...600	516
100	0...1000	517

Diameter [mm]	Pressure range [bar]	Type
160	-1/0	520
160	0...0,6	521
160	0...1	522
160	0...1,6	523
160	0...2,5	524
160	0...4	525
160	0...6	526
160	0...10	527
160	0...16	528
160	0...25	529
160	0...40	530
160	0...60	531
160	0...100	532
160	0...160	533
160	0...250	534
160	0...400	535
160	0...600	536

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