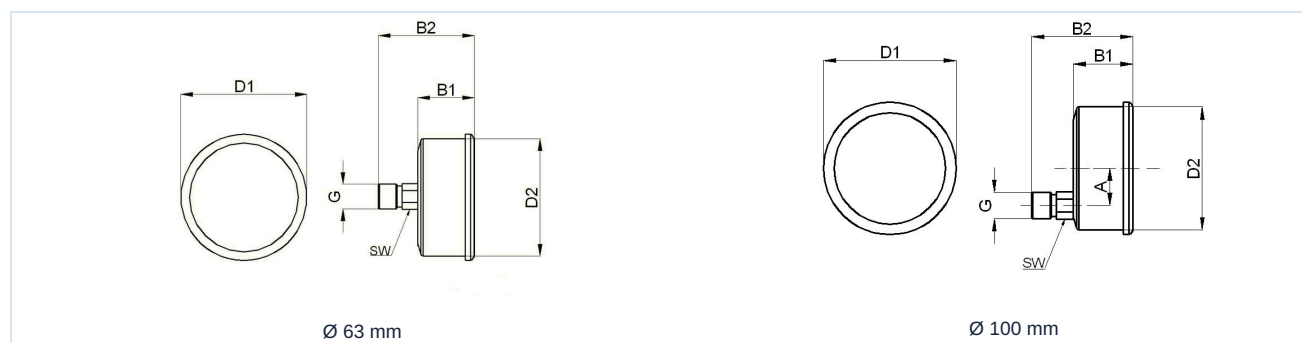


Glycerin pressure gauge with front ring



Design type	Bourdon tube pressure gauge with glycerin filling, with yoke mounting and triangular front ring to DIN EN 50041 EN 837-1
Nominal size	Diameter 63mm and 100mm
Accuracy	Class 1,6 at Ø63mm and Class 1,0 at Ø100mm
Medium temperature	max. +60°C
Ambient temperature	-20...+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 Ø63mm Stainless steel, Ø100mm Brass Pressure port Brass Measuring element Copper alloy (Ø100mm from 100bar Stainless steel) Pointer mechanism Copper alloy Front ring chrome-plated Sight glass Acrylic 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 measuring points with high dynamic pressure loads and vibrations. For gaseous and liquid, non-high-viscosity and non-crystallizing measured media, do not attack any copper alloys

Dimensions



Diameter [mm]	Thread G	A	B1	B2	D1	D2	SW	Weight [approx. kg]
63	1/4"	-	32	57	68	62	14	0,4
100	1/2"	30	53,5	86	108	100	22	1,3



Diameter [mm]	Pressure range [bar]	Type
63	-1/0	1000
63	-1/1,5	1000/1
63	-1/3	1000/2
63	-1/5	1000/3
63	0...1,6	1002
63	0...2,5	1003
63	0...4	1004
63	0...6	1005
63	0...10	1006
63	0...16	1007
63	0...25	1008
63	0...40	1009
63	0...60	1010
63	0...100	1011
63	0...160	1012
63	0...250	1013
63	0...400	1014
63	0...600	1015

Diameter [mm]	Pressure range [bar]	Type
100	-1/0	1020
100	0...1,6	1022
100	0...2,5	1023
100	0...4	1024
100	0...6	1025
100	0...10	1026
100	0...16	1027
100	0...25	1028
100	0...40	1029
100	0...60	1030
100	0...100	1031
100	0...160	1032
100	0...250	1033
100	0...400	1034
100	0...600	1035

Illustrations non-binding

Design, dimensional and material changes reserved

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Version 7

138740 / Generated 2026/33 EN

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