

Shut-off valve stainless steel Series GL116-W-AC0H



Design type	Shut-off valve, straight-through design, with bellows, with back seal and Stuffing box packing, metal-to-metal sealing, non-rising stem, external spindle thread, visual position indicator
Connection	Flanges according to EN1092-1
Materials	Housing 1.4408, Seat, Cone and Spindle Stainless steel 1.4401, Bellows Stainless steel 1.4541, Handwheel Steel, Package Graphite
Mounting type	Installation in rigid piping system
Mounting position	any
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used.
Medium temperature	-10...+400°C
Operating pressure	Nominal pressure according to the pressure-temperature table
Actuation	via steel handwheel
Overall length	corresponding DIN EN558-1R1
Approvals	ATEX, Mill test certificate 3.1
Special versions	oil- and grease-free version for hydrogen and oxygen

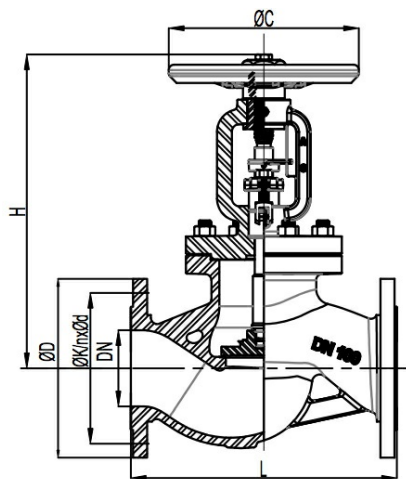
Pressure-temperature table in bar

-10...+50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
40	38,2	36,3	33,7	31,7	29,7	28,5	27,4

Intermediate values of the maximum operating pressures may be calculated by linear interpolation between the nearest lower and higher temperature values.



Dimensions



Nominal size DN[mm]	Flange according to EN1092-1	max. operating pressure [bar]	C	D	H	K	L	nxd	Kv value [m ³ /h]	Weight [approx. kg]	Type
25	PN40	40	125	115	245	85	160	4 x Ø14	12,2	6,7	GL116-25-W-AC0H-013C
2511.V90-QM23 2521.V90-QM30 2511.V90-QM50 2521.V90-QM31 2511.V90-QM51 2521.V90-QM32 2511.V90-QM52 2521.V90-QM33 2511.V90-QM53 2521.V90-QM34 2511.V90-QM54 2521.V90-QM35 2511.V90-QM55 2521.V90-QM36 2511.V90-QM56 2521.V90-QM37 2511.V90-QM57 2521.V90-QM38 2511.V90-QM58 2521.V90-QM39 2531.V90-QN01											
50	PN40	40	150	165	275	125	230	4 x Ø18	44,3	13,5	
2902.V90-QM01											

Kv value depending on the valve opening for Control cone [m³/h]

Nominal size DN [mm]	25	50
20%	1,35	8,57
40%	2,92	14,8
60%	5,17	23,1
80%	7,95	32
100%	9,59	38

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Valves, butterfly valves and gate valves - manually operated / Other materials - A04 / Other materials - A04 / [GL116-25-W-AC0H-013C] GL116-25-W-AC0H-013C

