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



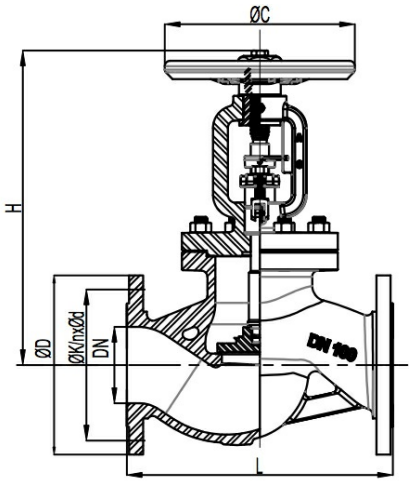
Design type	Shut-off valve, straight-through design, with bellows, with back seal and Stuffing box packing, metal-to-metal sealing, non-rising stem, external spindle thread, visual position indicator
Connection	Flanges according to EN1092-1
Materials	Housing 1.4408, Seat, Cone and Spindle Stainless steel 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

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.

+43 512 52076
austria@stasto.eu
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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-AC-013C
2931.V90-QM02 2931.V90-QM04 2931.V90-QM08 2931.V90-QM10											

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

Nominal size DN [mm]	25
20%	1,35
40%	2,92
60%	5,17
80%	7,95
100%	9,59

Illustrations non-binding
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+43 512 52076
austria@stasto.eu
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