

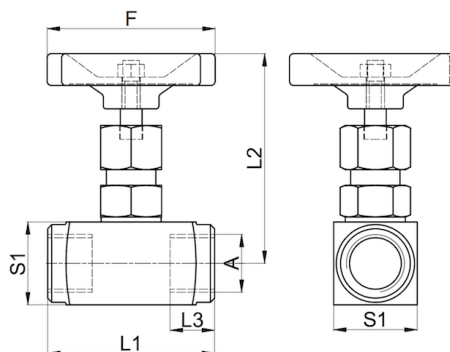
needle valve made of stainless steel series GL009



connection	G1/8"...G2" according to ISO228/1
actuation	with handwheel
materials	body and stem made of stainless steel AISI 316Ti, stem seal PTFE G1/8" - G3/4": handwheel polyamide G1" - G2": handwheel sheet steel
application	liquids and gases, which do not affect the used materials
medium temperature	-20...+250°C
operating pressure	0 to nominal pressure according to table, pressure reduction factors see table
mounting position	any
type of fixing	installed into rigid pipework

pressure reduction factors

temperature range	-20°C...+50°C	+100°C	+200°C	+250°C
operating pressure in % of maximum value	100%	85%	63%	51%



A	nominal diameter DN[mm]	PN [bar]	F	L1	L2	L3	S1	kvs-value [m³/h]	weight [app. kg]	type
G1/8"	4	400	50	45	85	11	25	0,33	0,30	GL009-18-W
G1/4"	5	400	50	55	85	15	25	0,42	0,33	GL009-14-W
G3/8"	6	400	50	55	85	15	25	0,53	0,32	GL009-38-W
G1/2"	7	400	63	60	85	17	30	0,66	0,42	GL009-12-W
G3/4"	9	200	63	75	105	19	35	1,31	0,74	GL009-34-W
G1"	12	200	90	100	120	21	45	2,2	1,56	GL009-10-W
G1 1/4"	15	160	100	110	155	22	60	3,1	2,86	GL009-114-W
G1 1/2"	22	120	100	130	160	24	70	7,8	4,2	GL009-112-W
G2"	22	120	100	130	160	28	70	7,8	3,75	GL009-20-W

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice