

Steel needle valve Series

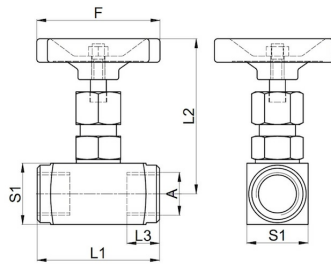


Connection	G1/8" ... G2" according to ISO228/1
Actuation	by means of handwheel
Materials	Body and spindle Steel zinc-plated, Spindle seal Graphite G1/8" ... G3/4": Handwheel Polyamide G1" ... G2": Handwheel Sheet steel
Application range	Liquids and gases that do not attack the materials
Medium temperature	-20...+350°C
Operating pressure	0 up to Rated pressure according to table, Pressure reduction factors see table
Mounting position	any
Mounting type	Installation in rigid piping system

Pressure reduction factors

Temperature range	-20...+50°C	+100°C	+200°C	+300°C	+350°C
Operating pressure in % of the maximum value	100%	85%	63%	40%	28%





A	Nominal size DN[mm]	PN [bar]	F	L1	L2	L3	S1	Kv value [m³/h]	Weight [approx. kg]	Type
G1/8"	4	400	50	45	72	11	25	0,33	0,32	110ST-1/8"
G1/4"	5	400	50	55	85	15	25	0,42	0,30	110ST-1/4"
G3/8"	6	400	50	55	85	15	25	0,53	0,31	110ST-3/8"
G1/2"	7	400	63	60	85	17	30	0,66	0,42	110ST-1/2"
G3/4"	9	200	63	75	105	19	35	1,31	0,68	110ST-3/4"
G1"	12	200	90	100	110	21	45	2,2	1,55	110ST-1"
G1 1/4"	15	160	100	110	155	22	60	3,1	2,70	110ST-1 1/4"
G1 1/2"	22	120	100	130	160	24	70	7,8	4,10	110ST-1 1/2"
G2"	22	120	100	130	160	28	70	7,8	3,70	110ST-2"

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Valves, butterfly valves and gate valves - manually operated / Globe and gate valves / Needle valve Series 110St

