

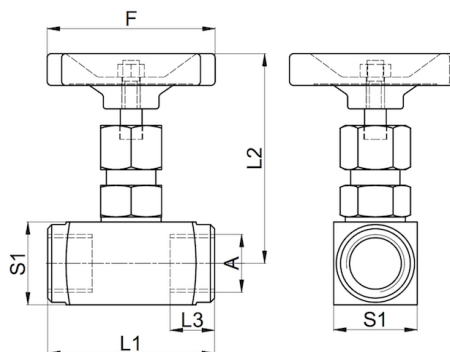
needle valve made of stainless steel series 110VA-NPT



connection	1/8"NPT...2"NPT according to ANSI B1.20.1
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	-60°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 [m ³ /h]	weight [app. kg]	type
1/8"NPT	4	400	50	47	85	11,6	25	0,33	0,30	110VA-1/8"NPT
1/4"NPT	5	400	50	55	85	16,4	25	0,42	0,33	110VA-1/4"NPT
3/8"NPT	6	400	50	60	85	17,4	25	0,53	0,32	110VA-3/8"NPT
1/2"NPT	7	400	63	65	85	19,5	30	0,66	0,42	110VA-1/2"NPT
3/4"NPT	9	200	63	85	105	23	35	1,31	0,74	110VA-3/4"NPT
1"NPT	12	200	90	110	120	27	45	2,2	1,56	110VA-1"NPT
1 1/4"NPT	15	160	100	120	155	28	60	3,1	2,86	110VA-1 1/4"NPT
1 1/2"NPT	22	120	100	135	160	28	70	7,8	4,10	110VA-1 1/2"NPT
2"NPT	24	120	100	135	160	28	70	7,8	3,68	110VA-2"NPT

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