NEEDLE VALVE
110 SERIES

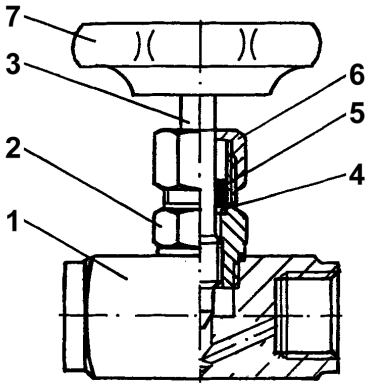
GENERAL FEATURES:
- Needle valve 1/8” ~ 2”
- Handwheel in plastic on demand (only 1/8” up to 3/4”)



FIGURE:
110AIT: BSP threaded acc. to EN 10226-1
110AITSW: SW acc. to DIN EN 10255
110AITNPT: NPT threaded acc. to ASME B1.20.1
110IIT: BSP threaded acc. to EN 10226-1
110IITSW: SW acc. to DIN EN 10255
110IITNPT: NPT threaded acc. to ASME B1.20.1

MATERIALS:

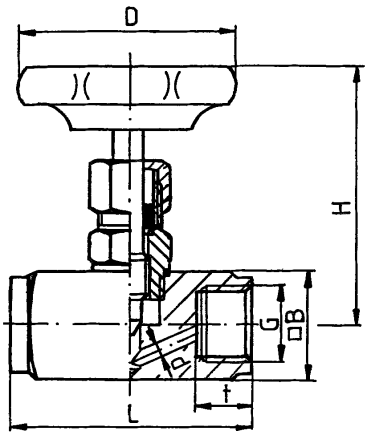
N°	Description	Material	
		AIT	IIT
1	Body	Steel 9S20K	Stainless steel 1.4571
2	Bonnet	Steel 9S20K	Stainless steel 1.4571
3	Stem	Stainless steel 1.4104	Stainless steel 1.4571
4	Packing	Stainless steel 1.4104	Stainless steel 1.4571
5	Stem packing	Graphite	PTFE
6	Packing nut	Steel 9S20K	Stainless steel 1.4571
7	Handwheel	Steel	Steel



DIMENSIONS: (mm)

Ø	L	H	D	t	B	SW1	d	Kg	Kv*
1/8"	45	70	50	11	25	22	4	0,28	4
1/4"	50	72	50	13	25	22	5	0,28	8
3/8"	55	72	50	13	25	22	6	0,28	10
1/2"	60	72	63	16	30	22	7	0,33	12
3/4"	75	95	63	18	35	27	9	0,54	18
1"	100	110	90	22	45	32	12	0,75	32
11/4"	110	130	100	24	60	41	15	1,85	60
11/2"	130	140	100	28	70	41	22	1,85	115
2"	130	140	100	28	70	41	22	2	130

Kv: Liter per minute*



WORKING CONDITIONS:
Pressure range up to temperature of 50°C

1/8” – ½” : 400 bar
¾” – 1” : 200 bar
1 ¼” : 160 bar
1 ½” – 2” : 120 bar

Temperature:
AIT: max. 350 °C
IIT: max. 250 °C

Subject to changes