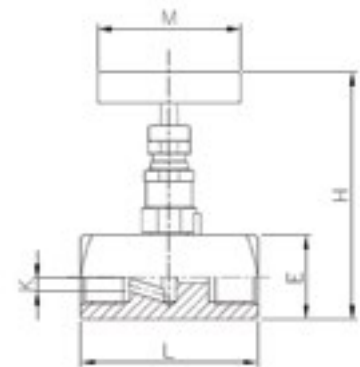
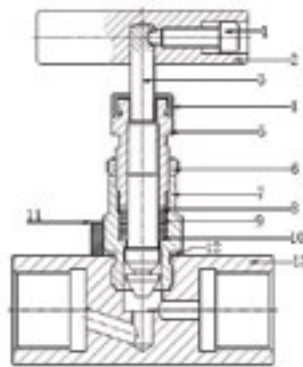


THREADED ENDS NEEDLE VALVE

Features

- Needle valve.
- Made of Stainless steel ASTM A479-04 (grade 316).
- Threaded ends female acc. to ISO 228/1.
- Max. Working pressure 6000 psi at 38°C.
- Working Temperature – 54 to 232 °C.
- Safety bonnet lock prevents accidental loosening.
- Back seating design protects the packing in fully open position.



N°	Name	Material	Surface Treatment
1	Grib Screw Handle	S.S. 316	-----
2	Handle	S.S. 316	-----
3	Stem Shaft	S.S. 316	Nitrogen Treatment
4	Dust Cap	Plastic	-----
5	Packing nut	S.S. 316	-----
6	Lock Nut	S.S. 316	-----
7	Bonnet	S.S. 316	-----
8	Washer	S.S. 316	-----
9	Stem packing	PTFE + Graphite	-----
10	Washer	S.S. 316	-----
11	Lock Pin	S.S. 316	-----
12	O'ring	FKM	-----
13	Body	ASTM A479-04 (grade 316)	-----

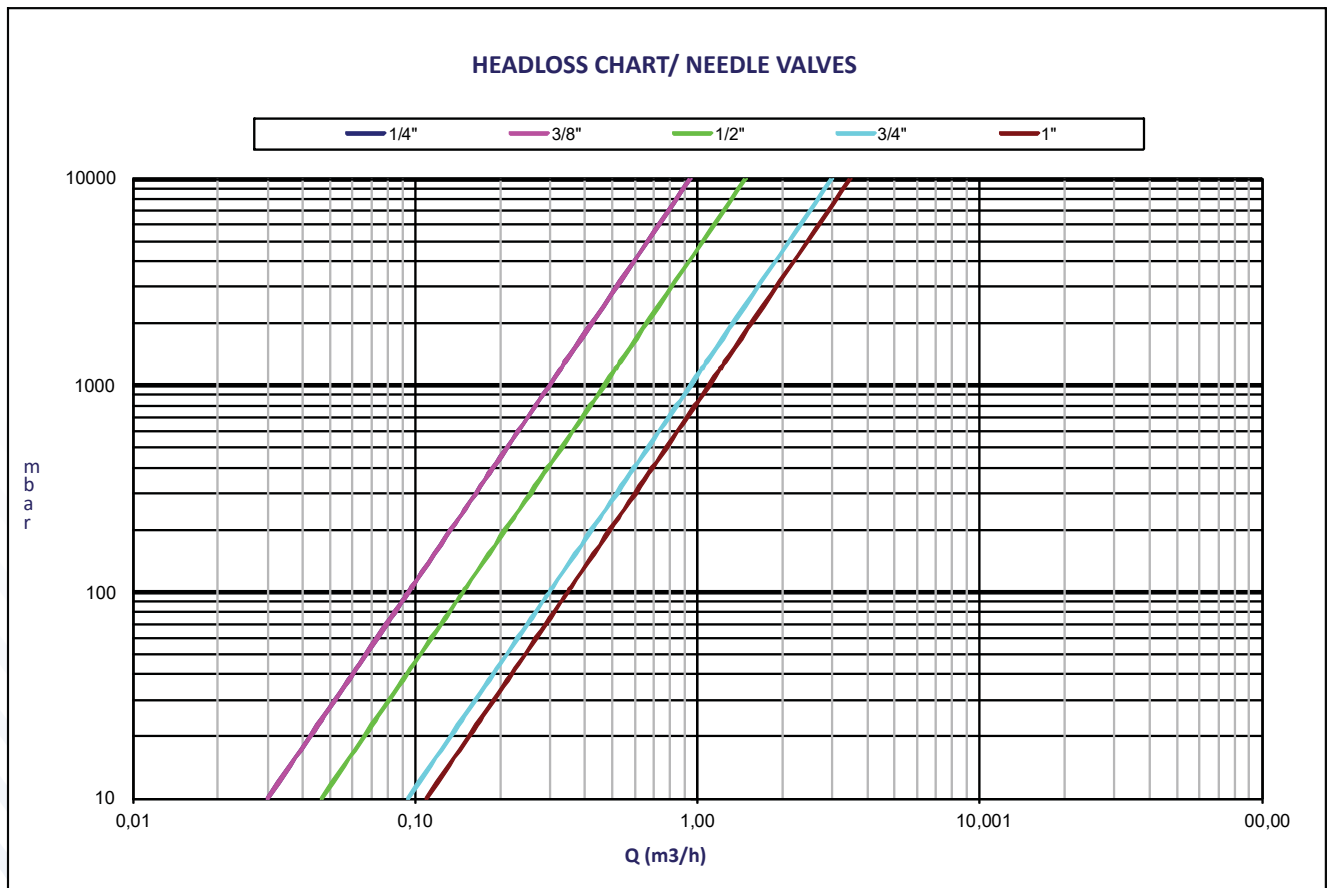
GENERAL DIMENSIONS

Nominal Size In.	PSI	Dimensions (mm)					WEIGHT (Kg)	Ordering Code
		E	H	L	M	K		
1/4"	6000	25.5	90	61	55	4	0.365	V007N0-0108-*53
3/8"	6000	25.5	90	61	55	4	0.355	V010N0-0108-*53
1/2"	6000	28.5	92	68	55	5	0.440	V015N0-0108-*53
3/4"	6000	38	98	76	55	6	0.800	V020N0-0108-*53
1"	6000	44.5	108	85	55	8	1.120	V025N0-0108-*53

* N→ NPT female thread
 S→ BSPP female thread

HEAD LOSSES DIAGRAM

(H₂O/ 20°C Horizontal flow)



Kv VALUES

Kv = Flow rate of water in cubic meter per hour (m³/h) that will generate a pressure drop of 1 bar across the valve.

Size	1/4"	3/8"	1/2"	3/4"	1"
m ³ /h	0.30	0.30	0.63	0.73	1.40

PRESSURE TEMPERATURE RATING

