



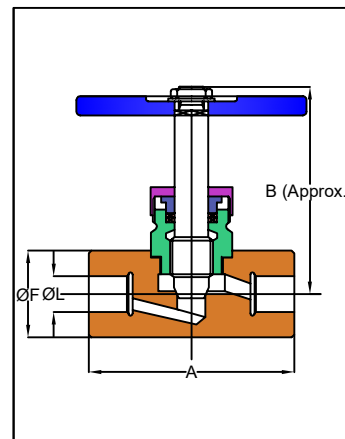
### Features

Needle Valve has a small port & a threaded, needle shaped plunger. They are regulating valves which help to control the flow & pressure regulation.

Design Standard : Manufacturer's Standard  
Testing Standard : API 598 / BS EN 12266-1

### Test Pressure in Bar

	Class	800
Hydro Test	Shell	211
	Seat	152
Air Test	Seat	07



Size		Class - 800			
mm	in	A	B(Approx.)	ØL	ØF
06	$\frac{1}{4}$	50	65	BSP/NPT/BSPT	25
10	$\frac{3}{8}$	50	75	BSP/NPT/BSPT	27
15	$\frac{1}{2}$	55	75	BSP/NPT/BSPT	34
20	$\frac{3}{4}$	60	85	BSP/NPT/BSPT	38
25	1	70	95	BSP/NPT/BSPT	45
32	$1\frac{1}{4}$	75	110	BSP/NPT/BSPT	62
40	$1\frac{1}{2}$	80	130	BSP/NPT/BSPT	64
50	2	85	150	BSP/NPT/BSPT	78

All Dimensions are in "mm"

### MATERIALS

Body	ASTM A 276 SS 410 / 304 / 316 / 316L
Bonnet	ASTM A 276 SS 410 / 304 / 316 / 316L
Gland	ASTM A 276 SS 410 / 304 / 316 / 316L
Gland Nut	ASTM A 276 SS 410 / 304 / 316 / 316L
Spindle	ASTM A 276 SS 410 / 304 / 316 / 316L
Hand Wheel	Steel / Bakelite
Nut	Stainless Steel / Steel
Washer	Stainless Steel / Steel
Packing	PTFE
Gasket	PTFE

### NOTE:

- Please specify flow medium, working pressure, temperature & service conditions.
- Other materials not mentioned above & higher sizes are available on request
- Face to Face as per Manufacturer Standard
- End Connections of Socket Weld End as per ASME B 16.11, Screwed End as per ASME B 1.20.1 (NPT) & BS 21 (BSP & BSPT)
- In process of continuous improvement of products, the data given here in is subject to change



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