

# Needle Valve

## Stainless Steel

**Both Side Threaded**  
Material: Brass  
Surface Treatment: Chrome Plating

**NBPP**

Part Number		R (PT)	L	H	H <sub>1</sub>
Type	No.				
NBPP	11	1/8	46	48	7
	22	1/4	46		
	33	3/8	50		

**Threaded / Tapped**  
Material: Brass  
Surface Treatment: Chrome Plating

**NBPC**

Part Number		R (PT)	Rc (PT)	L	H	H <sub>1</sub>
Type	No.					
NBPC	11	1/8	1/8	38	46	5
	22	1/4	1/4	42	48	7
	33	3/8	3/8	45		

**Both Ends Tapped**  
Material: Brass  
Surface Treatment: Chrome Plating

**NBCC**

Part Number		Rc (PT)	L	H	H <sub>1</sub>
Type	No.				
NBCC	11	1/8	32	46	5
	22	1/4	36	48	7
	33	3/8	40		

**Stainless Steel – Both Sides Threaded**  
Material: 304 Stainless Steel

**NBPPS**

Part Number		R (PT)	L	H	H <sub>1</sub>
Type	No.				
NBPPS	11	1/8	44	55.5	5.5
	22	1/4	48	53	5.5
	33	3/8	54	53	5.5

**Stainless Steel – Threaded Tapped**  
Material: 304 Stainless Steel

**NBPCS**

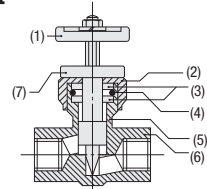
Part Number		R (PT)	Rc (PT)	L	H	H <sub>1</sub>
Type	No.					
NBPCS	11	1/8	1/8	38	55.5	5.5
	22	1/4	1/4	42	53	5.5
	33	3/8	3/8	47	53	5.5

**Stainless Steel – Both Ends Tapped**  
Material: 304 Stainless Steel

**NBCCS**

Part Number		Rc (PT)	L	H	H <sub>1</sub>
Type	No.				
NBCCS	11	1/8	32	55.5	5.5
	22	1/4	36	53	5.5
	33	3/8	40	53	5.5

### Needle Valves Part & Material List

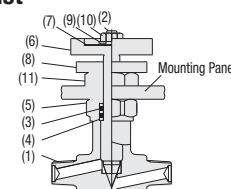


#### Specifications

Applicable Fluid	Water, Air, Oil
Operating Temperature Range	-10~80°C (No Freezing)
Normal Operating Pressure	0.98 MPa
Recommended Panel Hole Diameter	Ø14

Part No.	Name of Parts	Material	Qty.	Processing
(1)	Handles	C3604 Brass (JIS) BD Brass (JIS)	1	Chrome Plating
(2)	Gland Nut	C3604 Brass (JIS) BD Brass (JIS)	1	Chrome Plating
(3)	Ring	C28000 Brass	2	—
(4)	O-Ring	NBR Rubber	1	—
(5)	Spindles	C3604 Brass (JIS) BD Brass (JIS)	1	Chrome Plating
(6)	Body	C3771BD Brass	1	Chrome Plating
(7)	Lock Nut	C3604 Brass (JIS) BD Brass (JIS)	1	Chrome Plating

### Stainless Steel Needle Valves Part & Material List



#### Specifications

Applicable Fluid	Oil, Air, Water, Chemicals
Operating Temperature Range	-20~150°C (No Freezing)
Normal Operating Pressure	0.98 MPa
Recommended Panel Hole Diameter	Ø14

Part No.	Name of Parts	Material	Qty.	Processing
(1)	Body	304 Stainless Steel	1	—
(2)	Spindles	304 Stainless Steel	1	—
(3)	O-Ring	PTFE Resin	2	—
(4)	Ring	304 Stainless Steel	3	—
(5)	Gland Nut	303 Stainless Steel	1	—
(6)	Handles	C3604 Brass (JIS)	1	Chrome Plating
(7)	Plaques	1050 Aluminum Alloy	1	—
(8)	Lock Nut	C3604 Brass (JIS)	1	Chrome Plating
(9)	Washers	1018 Carbon Steel or Equivalent	1	Bright Chromate Plating
(10)	Hexagon Socket Head Cap Screw	C3604 Brass (JIS)	1	Nickel Plating
(11)	Lock Nut for Panel	C3604 Brass (JIS)	1	Chrome Plating

Part Number Example	Part Number
	NBPP22
	NBPPS33

### Features of Needle Valves

- Suited for fine adjustment of flow rate of water, oil or air.
- The body and the needle are chrome plated to improve air tightness, damage-proofing and smooth operation.
- The spindle is provided with a lock nut to prevent loosening due to vibration.



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