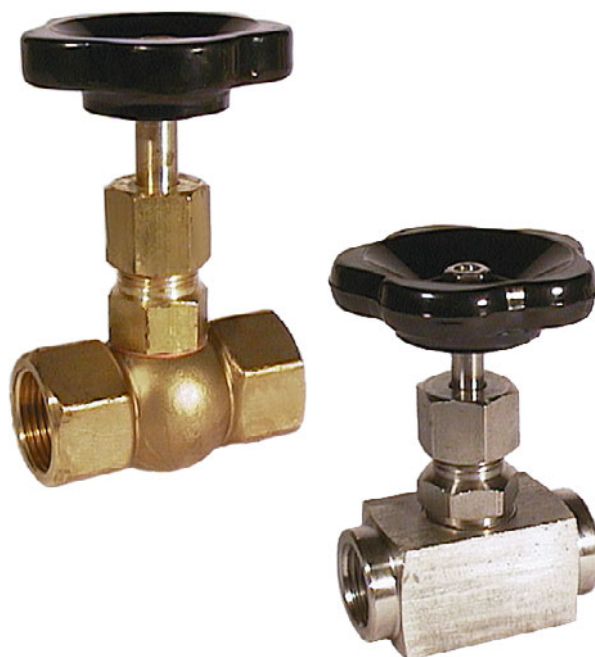


# SNV01

## Needle valves made of brass or carbon steel

- Nominal pressures PN100 and PN 200
- Liquid temperatures to 350 °C
- Process connection from G 1/8 to G 2
- Wetted parts made of brass or carbon steel, plastic or graphite packing



### Description:

PKP needle valves in model series SNV01 accurately regulate the flow of liquids in piping systems. The devices are designed in two parts, the upper part is screwed into the base and is sealed with plastic or graphite packing.

### Applications:

PKP needle valves are designed to shut off, reduce and regulate flowing liquids in industrial plant. The devices are ideally suited for use as shut-off valves in flow and level measurement applications.

## Designs:

**SNV01.G:** thread connection G,  
to DIN / ISO 228

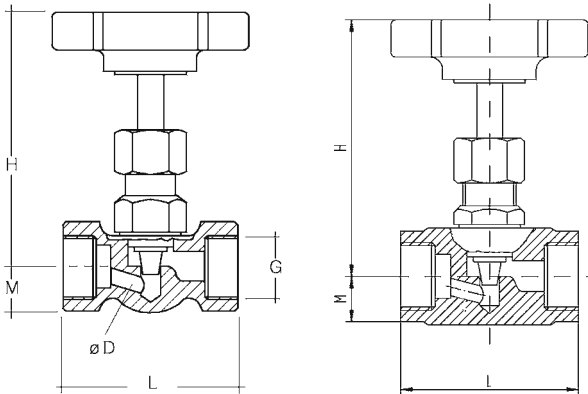
## Nominal pressures:

**SNV01.x.x.1:** PN100 (brass design only)  
**SNV01.x.x.2:** PN200 (carbon steel design only)

## Dimension:

PN100, brass

PN200, carbon steel



## Model Coding:

**Order number:** SNV01. G. 1. 1. 15. 0  
SNV01 needle valve

**Design:**  
G = G screw thread

**Process connection:**  
1 = female thread on both sides

**Material:**  
1 = brass, PN100  
2 = carbon steel, PN200

### Nominal pipe size:

06 = 1/8"  
08 = 1/4"  
10 = 3/8"  
15 = 1/2"  
20 = 3/4"  
25 = 1"  
32 = 1 1/4"  
40 = 1 1/2"  
50 = 2"

### Options:

0 = none  
9 = custom version, please specify in writing

Process connection G	Dimension (mm)		
	L	H	M
<b>brass, PN100</b>			
1/8"	50	70	12,5
1/4"	50	78	12,5
3/8"	50	78	12,5
1/2"	55	78	14
3/4"	67	90	18
1"	75	95	22,5
1 1/4"	110	105	30
1 1/2"	110	110	32,5
2"	110	110	32,5
<b>carbon steel, PN200</b>			
1/8"	50	72	12
1/4"	50	72	12
3/8"	55	72	12
1/2"	60	77	14
3/4"	75	97	17
1"	100	110	22
1 1/4"	110	145	28
1 1/2"	130	145	33
2"	130	145	33

## Technical details:

### Materials:

**SNV01.G.1.1:** brass body  
buna N packing  
(G 1/8 to G 1/2), or  
PTFE (G 3/4 to G2)

**SNV01.G.1.2:** carbon steel body 9 S 20 K  
stainless steel stem  
1.4104  
graphite packing

### Max. pressure:

**SNV01.G.1.1:** 100 bar  
**SNV01.G.1.2:** 200 bar

### Max. temperature:

**SNV01.G.1.1:** 100 °C  
**SNV01.G.1.2:** 350 °C