

SNV01

Needle Valves made of Brass or Carbon Steel

- nominal pressures PN 100 and PN 200
- medium temperatures until 350 °C
- process connections from G 1/8 to G 2
- wetted parts made of brass or carbon steel, plastic or graphite packing



Description:

PKP needle valves of the SNV01 series are used for precise flow control of liquids flowing in pipelines. The devices are constructed in two parts, the upper part is screwed into the basic body and sealed with a plastic or graphite packing.

Typical applications:

PKP needle valves are used wherever liquids flowing in industrial plants have to be shut off, reduced and controlled. They are particularly suitable as shut-off devices for measuring tasks in the areas of level and flow.

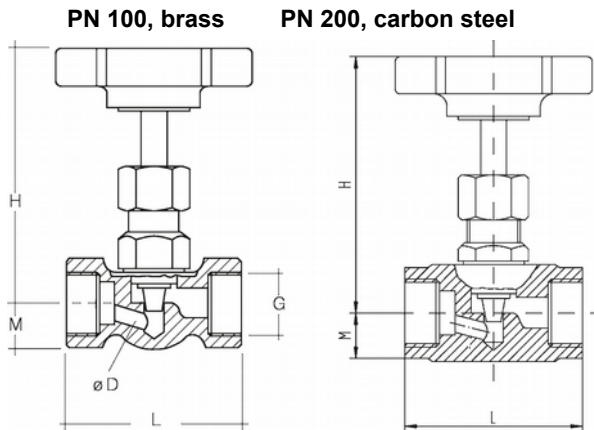
Models:

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

Pressure Rating:

SNV01.x.x.1: PN 100 (brass version only)
SNV01.x.x.2: PN 200 (carbon steel version only)

Dimensions:



Order Code:

Order number: SNV01. G. 1. 1. 15. 0

Needle Valves made of brass or carbon steel

Model:
G = G threaded

Process connection:
1 = female thread on both sides

Material:
1 = brass, PN 100
2 = carbon steel, PN 200

Nominal pipe sizes:

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 = without
9 = special version, please specify in plain text

Process connection G	Dimensions [mm]				
	L	H	M	D	kv* [m³/h]
brass, PN 100					
1/8	50	70	12,5	4	0,24
1/4	50	78	12,5	5	0,48
3/8	50	78	12,5	6	0,6
1/2	55	78	14	6,5	0,66
3/4	67	90	18	9	1,08
1	75	95	22,5	11	1,62
1 1/4	110	105	30	13	3,0
1 1/2	110	110	32,5	15	3,6
2	110	110	32,5	15	3,6
carbon steel, PN 200					
1/8	50	72	12	4	0,24
1/4	50	72	12	5	0,48
3/8	55	72	12	6	0,6
1/2	60	77	14	7	0,74
3/4	75	97	17	9	1,35
1	100	110	22	12	1,66
1 1/4	110	145	28	15	3,10
1 1/2	130	145	33	22	5,56
2	130	145	33	25	5,56

*Δp = 1 bar

Technical Data:

Materials:

SNV01.G.1.1: body made of brass
Packing made of Perbunan
(G 1/8 to G1/2), or
PTFE (G 3/4 to G2)

SNV01.G.1.2: carbon steel body 9 S 20 K
stainless steel spindle
1.4104
Packing made of graphite

Max. pressure:

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

Max. medium temperature:

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