
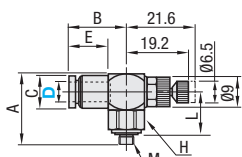


Low-height

Meter Out
SPCNLH

Material: Body: SUS303
Thread: Brass (Nickel Plating)
* For M3 only Body, Thread: SUS303

RoHS 10

Part Number	Type	Nominal	A	B	C	E	Wrench Flats H	L	Thread Size M	Mass (g)	Unit Price	Volume Discount Rate
SPCNLH	4	M3	22.0	16.4	8	11.5	8	13.5	M3x0.5	17.8		
		M5	21.5						M5x0.8	17.9		
	6	1	23.5	16.5	10	12.6	10	13.5	R1/8	21.7		
		M5	22.5						M5x0.8	21.2		
		1	26.0					16.0	R1/8	24.2		


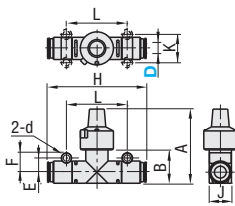
Specifications

Applicable Fluid	Air
Operating Temp. Range	-5 ~ 60°C
Operating Pressure Range	0.05~0.7MPa

*Operating pressure is set at ambient temperature (20°C).

Valve with Adjusting Dial

NBDY

RoHS 10

Part Number	Type	D	A	B	E	F	H	d	J	K	L	Unit Price	Volume Discount Rate
NBDY	4	45.5	17	8.1	11.6	55	4.3		12	16.2	30.8		
	6	45.5	17	8.1	11.6	49.5			12	16.2	30.8		
	8	50	22.5	9.5	13.1	66.5			15	19	41		
	10	58	29	11.5	15.1	75			20	23	47		
	12	58	29	11.5	15.1	79			20	23	47		
									20	23	47		

Specifications

Applicable Fluid	Air / N2 Gas / Vacuum
Operating Temp. Range	5 ~ 60°C (Non-Freezing)
Max. Operating Pressure	0.7MPa
Negative-pressure	-100kPa
Guaranteed Withstand Pressure	1.5MPa

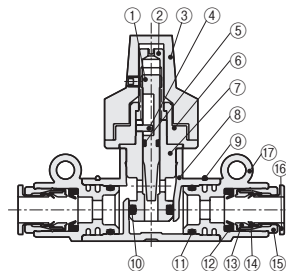
Ordering Example

Part Number - Nominal

SPCNLH4 - M5

NBDY8

Structure Diagram



No.	Part Name	Material
①	Needle	Brass
②	Rotary Shaft	Brass
③	Dial	Aluminum Alloy, Polyamide, etc.
④	Dowel Pin	Stainless Steel
⑤	O-Ring	Fluororubber
⑥	Guide Bushing	Brass
⑦	Check Metal	Brass
⑧	Main Body	Polybutylene Terephthalate
⑨	Stop Ring	Stainless Steel
⑩	O-Ring	Hydrogenated Nitrile Rubber
⑪	O-Ring	Hydrogenated Nitrile Rubber
⑫	Gasket	Hydrogenated Nitrile Rubber
⑬	Holder	Brass
⑭	Chuck	Stainless Steel
⑮	Outer Ring	Brass
⑯	Push Ring	Polybutylene Terephthalate
⑰	Joint Case	Polybutylene Terephthalate

Ⓜ All brass parts are electroless nickel plated.

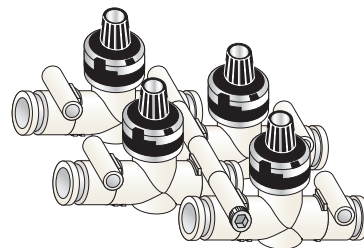
Features

- Linear flow rate characteristics proportional to needle revolutions.
- Dial display makes it easy to control value of flow rate.
- Mounting part with 360° turn provides free mounting.
- Slide locking lever provides easy locking.



PRECAUTIONS

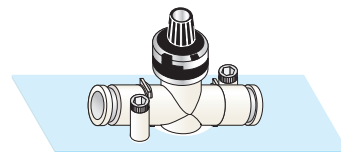
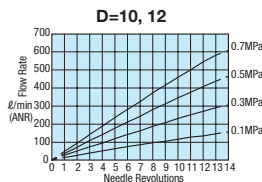
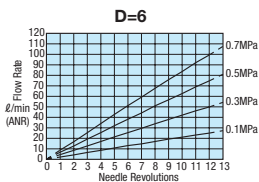
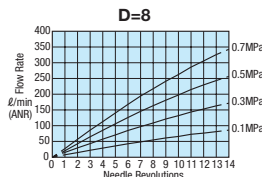
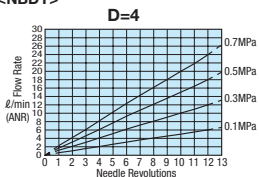
- Throttle valves for controlling both right and left sides flow rate.
- Not applicable as a stop valve which requires no leakage.
- Fix the dial with slide locking lever after adjusting flow rate.
- Tighten the mounting screw at 0.8N·m or lower.



• Manifolds

Flow Rate Characteristics

<NBDY>



• Bottom Side Mounting Example