

LVD Series

Suck Back

A change of volume inside the suck back valve pulls in liquid at the end of the nozzle to prevent dripping.

Pilot port with One-touch fittings

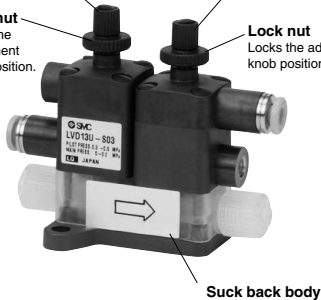
Adjustment knob
Adjusts the flow rate.

Adjustment knob
Adjusts the amount of suck back.

Lock nut
Locks the adjustment knob position.

Lock nut
Locks the adjustment knob position.

Symbol



Suck back body

Pilot port threaded type



Standard Specifications

Model		LVD13U
Tubing O.D. <small>(Note)</small>	Metric size	3, 4
	Inch size	1/8
Orifice diameter		ø2
Flow rate characteristics	Kv	0.07
	Cv	0.09
Withstand pressure [MPa]		1
Operating pressure [MPa]		0 to 0.2
Maximum suck back volume [cm ³]		0.03
Pilot air pressure [MPa]		0.3 to 0.5
Pilot port size	One-touch fitting	ø4 x ø3 tubing
	Threaded	M5 x 0.8
Fluid temperature [°C]		0 to 100
Ambient temperature [°C]		0 to 60
Weight [kg]		0.07

(Note) Refer to page 769 for details on the applicable tubing sizes.

How to Order

LVD 1 3 U - S 03

Body class

Symbol	Body class
1	1

Valve type

3	Suck back valve
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Applicable tubing size (Note)

Symbol	Connecting tubing size
03	3 x 2, 1/8" x 0.086"
04	4 x 3

(Note) Refer to page 769 for details on the applicable tubing sizes.

Pilot port configuration

Nil	ø4 One-touch fitting
2	M5 x 0.8