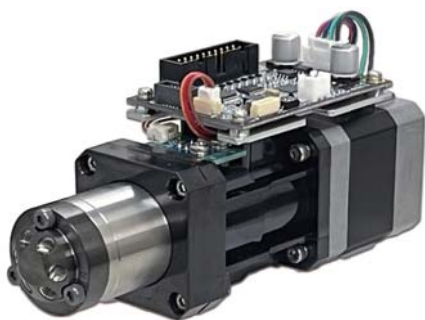
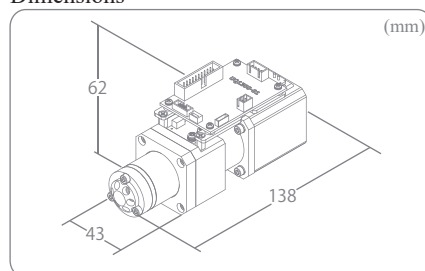




High Speed Automatic Switching Valves <OEM> Auto Valve Unit VF-03 Series

Dimensions



Valve Drive

Part Name	Auto Valve Unit
Part Number	VF-03
Drive	Direct drive with stepping motor
Switching Modes	2 position switching, Rotary switching
Switching Speed	0.1 sec (when switching 60°)
Remote Control	Input: Position change, Reset Output: Busy, Home
Communication	RS232C, RS485 (between FLOM devices)
Power	DC 24 V, MAX 50 W
Weight*	Approx. 0.7 kg

*Weight given is only one example. Actual weight depends on the valvehead installed.

Valveheads (Contact Flom if you need valveheads with specs not shown in the graph below.)

Part Number	Type	Path Position	Max Pressure	Wetted Material	Tube OD	Thread Size	Path Diameter
VF-03-701	6 Port 2 position		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.25 mm (0.010")
VF-03-702			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.25 mm (0.010")
VF-03-703			40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-704			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-709	4 Port 2 position		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-710			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-711	2 Port selection		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-712			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-715	4 port Rotary		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-716			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-717	6 port Rotary		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-718			30 MPa (4350 psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-728	6 Port 2 position		40 MPa (5800 psi)	SUS, PEEK	1/16"	No.10-32UNF	0.15 mm (0.006")
VF-03-729			140 MPa (20305 psi)	SUS	1/16"	No.10-32UNF	0.15 mm (0.006")
VF-03-730			140 MPa (20305 psi)	SUS	1/16"	No.10-32UNF	0.25 mm (0.010")
VF-03-750	6-port vertical injection port		40MPa (5800psi)	SUS, PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VF-03-755			20MPa (2900psi)	PEEK, Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")

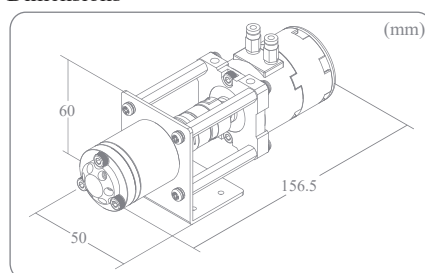
*SUS316 is the material used for SUS.

OEM UNIT

Pneumatic Drive Valve (Non-Electric)

<OEM> Air Valve 415 Series

Dimensions



Part Name	Pneumatic Drive Valve
Part Number	415
Drive	Pneumatic Drive
Switching Mode	2 position switching
Air Tube OD*1	1/8"
Weight*2	Approx. 0.7 kg

*1: For tube sizes other than 1/8", contact FLOM.

*2: Weight given is only one example. Actual weight depends on the valvehead installed.