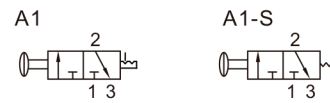
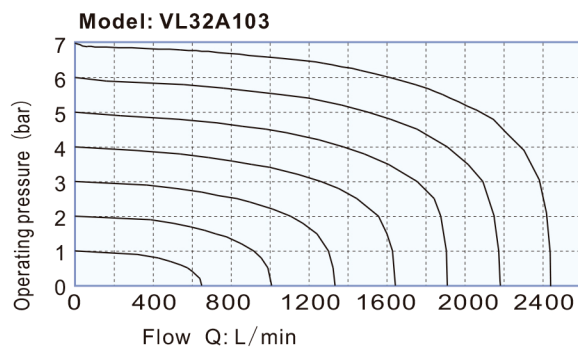
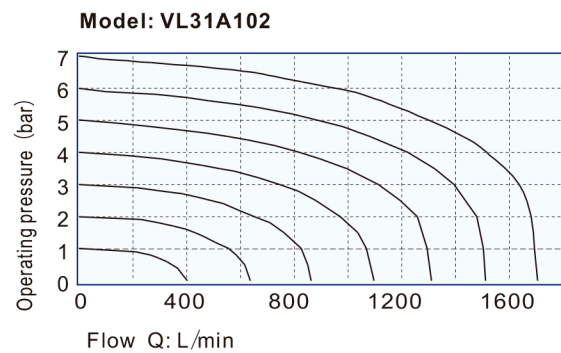
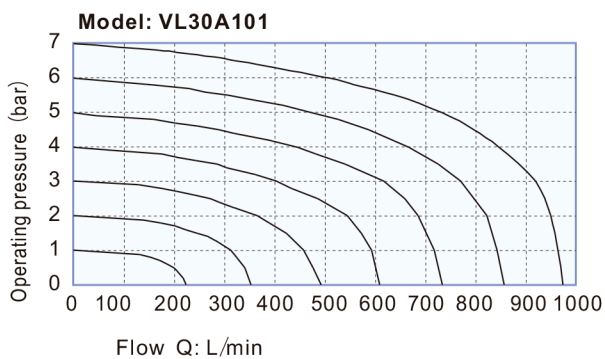


Symbol



Flow chart



Ordering code

VL 3 2 A 1 02 - S

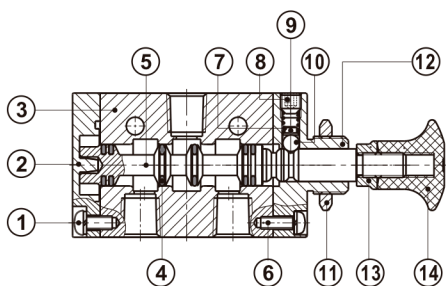
① ② ③ ④ ⑤ ⑥ ⑦

①	Model VL: Push-pull Valve	⑤	Acting 1: Single-acting
②	Valve Type 3: 3/2 Way	⑥	Series 0 Series 1 Series 2 Series
③	Series Code 0: 0 Series 1: 1 Series 2: 2 Series		Port Size 01: 1/8" G 02: 1/4" G 03: 3/8" G
④	Directional control A: 2 Positions	⑦	Return type Blank: Manual Return S: Spring Return

Specification

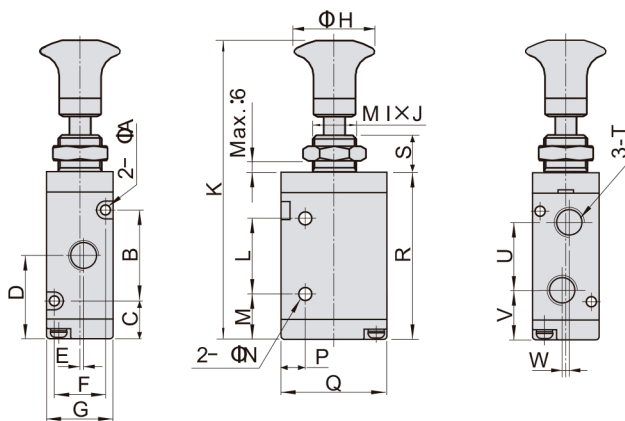
Valve	VL30A101	VL31A101	VL31A102	VL32A102	VL32A103
Fluid	Air(to be filtered by 40μm filter element)				
Acting	Manual control direct acting type				
Port size	1/8"G		1/4"G		3/8"G
Valve type	3 port 2 position				
Lubrication	Not required				
Operating pressure	0~8bar(0~114psi)				
Proof pressure	15bar(215psi)				
Temperature °C	-20~70				
Orifice size	12.0mm ² (Cv=0.67)	14.0mm ² (Cv=0.78)	16.0mm ² (Cv=0.89)	25.0mm ² (Cv=1.39)	30.0mm ² (Cv=1.67)
Material of body	Aluminum alloy				

Inner structure



No.	Item
(1)	Round head screw
(2)	Bottom cover
(3)	Body
(4)	O-ring
(5)	Spool
(6)	Round head screw
(7)	Spring
(8)	Stop screw
(9)	Spring base
(10)	Steel ball
(11)	Hexagon nut
(12)	Top cover
(13)	Safety nut
(14)	Hand grip

Dimensions



Model\Item	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q
VL30A101	3.3	19	13.2	23.7	1	13	18	22	12	1	79	21	12.2	3.3	7.5	27
VL31A101	3.3	30	12.7	27.7	0	17	22	22	14	0.75	90	25	15.2	4.3	8	35
VL31A102	3.3	30	12.7	27.7	1.5	17	22	22	14	1	90	25	15.2	4.3	8	35
VL32A102	4.3	35	15	32.5	0	20	27	25	16	1	100	30	17.5	4.3	10	40
VL32A103	4.3	35	15	32.5	2	20	27	25	16	1	100	30	17.5	4.3	10	40

Model\Item	R	S	T	U	V	W
VL30A101	47	10	1/8"G	16	14.7	2
VL31A101	57	10	1/8"G	22.5	16.5	0
VL31A102	57	10	1/4"G	22.5	16.5	0
VL32A102	65.8	10	1/4"G	24	20.5	0
VL32A103	65.8	10	3/8"G	24	20.5	0