Strokmatic
Automation Technology

Symbol

A1   A2

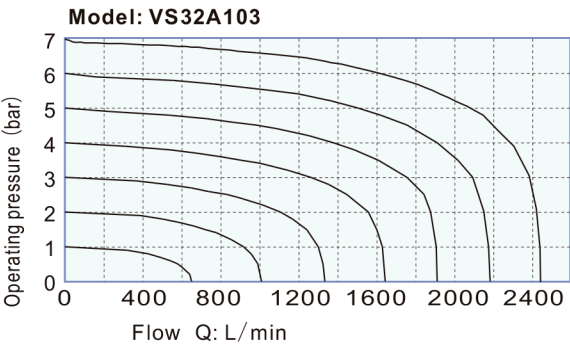## Product feature

1. Pilot-oriented mode: Internal pilot or external pilot.
2. Structure in sliding column mode: good tightness and sensitive reaction.
3. Double control solenoid valves have memory function.
4. Internal hole adopts special processing technology which has little attrition friction, low start pressure and long service life.
5. No need to add oil for lubrication.
6. Affiliated manual devices are equipped to facilitate installation and debugging.
7. Several standard voltage grades are optional.
8. Integrate with the manifold to save installation space.

Flow chart

Model: VS32A103

Operating pressure (bar) vs Flow Q: L/min

Ordering code

VS 3 2 A 1 03 - VC

① ② ③ ④ ⑤ ⑥ ⑦

①	**Model**
	VS: Solenoid valve

②	**Valve Type**
	3: 3/2 Way

③	**Series Code**
	2: 2 Serie

④	**Directional control**
	A: 2 Positions

⑤	**Acting**
	1: Single-acting
	2: Double-acting

⑥	**Port Size**
	02: 1/4" G
	03: 3/8" G

⑦	**Voltage**
	DC: DC12V
	VC: DC24V
	CA: AC110V
	DA: AC220V
	VA: AC24V

Note: Please refer to page 140 for manifold specification and the order way.

VS32 SERIES

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Specification

Valve	VS32A102	VS32A202	VS32A103	VS32A203
Fluid	Air(to be filtered by 40μm filter element)			
Acting	Internal pilot or external pilot			
Port size	1/4"G		3/8"G	
Valve type	3 port 2 position			
Lubrication	Not required			
Operating pressure	1.5~8bar(21~114psi)			
Proof pressure	15bar(215psi)			
Temperature ℃	-20~70			
Orifice size	25.0mm^2(Cv=1.39)		30.0mm^2(Cv=1.67)	
Material of body	Aluminum alloy			

Coil specification

| Item	Specification
Standard voltage	AC220V, AC110V, AC24V, DC24V, DC12V
Scope of voltage	AC:±15%　DC:±10%
Power consumption	AC:3.5VA　DC:3.0W
Protection	IP65(DIN40050)
Temperature classification	B Class
Electrical entry	Terminal
Activating time	0.05 sec and below
Max. frequency ①	5 cycle/sec

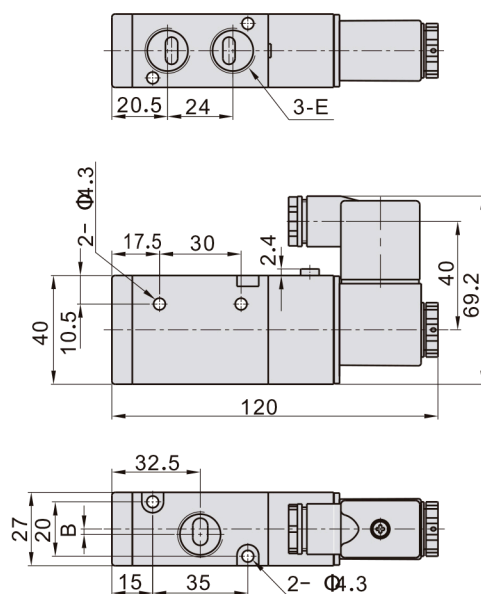**Note ①: The maximum actuation frequency is in the no-load state.**

Inner structure

VS32A1
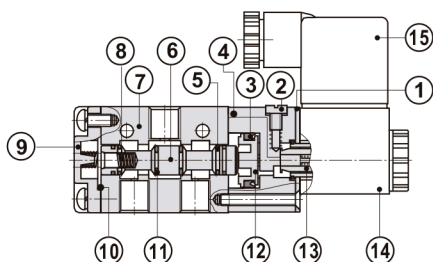
VS32A2
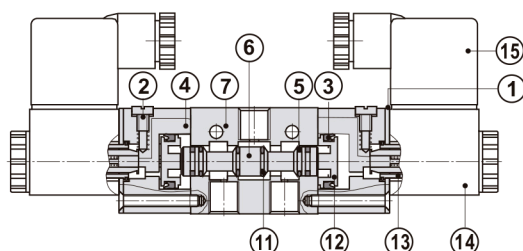
No.	Item
(1)	Fixed plate
(2)	Manual override
(3)	Piston O-ring
(4)	Pilot body
(5)	Spool packing
(6)	Spool
(7)	Body
(8)	Spool spring
(9)	Bottom cover
(10)	Bottom cover gasket
(11)	O-ring
(12)	Piston
(13)	Armature
(14)	Coil
(15)	Connector

Dimensions

VS32A1

Model\Item	B	E
VS32A102	0	1/4"G
VS32A103	2	3/8"G

VS32A2
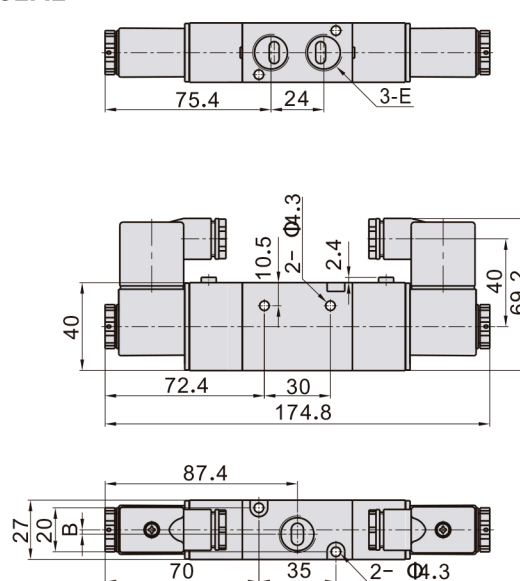
Model\Item	B	E
VS32A202	0	1/4"G
VS32A203	2	3/8"G