

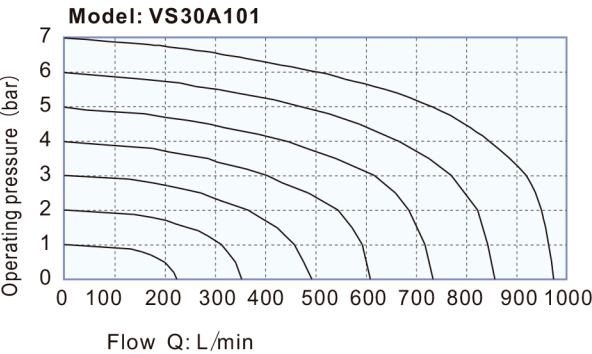
Symbol



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



Ordering code

VS 3 0 A 1 01 - VC
1 2 3 4 5 6 7

1	Model	VS: Solenoid valve	5	Acting	1: Single-acting 2: Double-acting
2	Valve Type	3: 3/2 Way	6	Port Size	01: 1/8" G
3	Series Code	0: 0 Serie	7	Voltage	DC: DC12V VC: DC24V CA: AC110V DA: AC220V VA: AC24V
4	Directional control	A: 2 Positions			

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

VS30 SERIES

Specification

Valve	VS30A101	VS30A201
Fluid	Air(to be filtered by 40 μ m filter element)	
Acting	Internal pilot or external pilot	
Port size	1/8"G	
Valve type	3 port 2 position	
Lubrication	Not required	
Operating pressure	1.5~8bar(21~114psi)	
Proof pressure	15bar(215psi)	
Temperature $^{\circ}$ C	-20~70	
Orifice size	12.0mm ² (Cv=0.67)	
Material of body	Aluminum alloy	

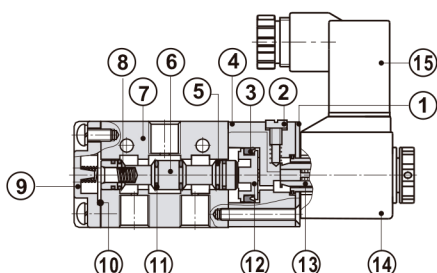
Coil specification

Item	Specification
Standard voltage	AC220V, AC110V, AC24V, DC24V, DC12V
Scope of voltage	AC: $\pm$ 15% DC: $\pm$ 10%
Power consumption	AC:2.5VA DC:2.5W
Protection	IP65(DIN40050)
Temperature classification	B Class
Electrical entry	Terminal
Activating time	0.05 sec and below
Max. frequency ①	5 cycle/sec

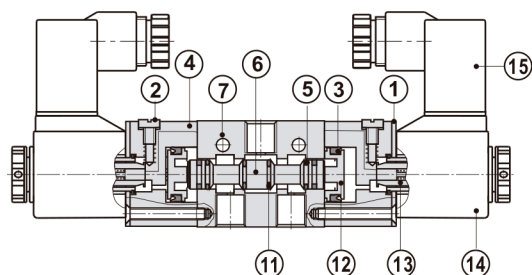
Note ①: The maximum actuation frequency is in the no-load state.

Inner structure

VS30A1



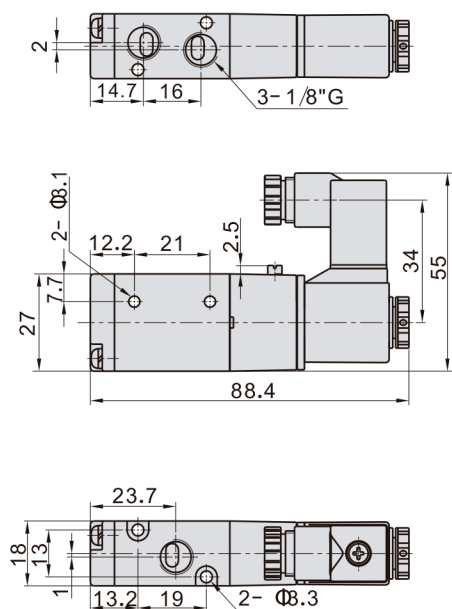
VS30A2



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

VS30A101



VS30A201

