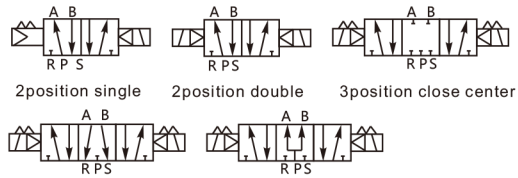
VS Series 5 Ports Solenoid Valve

harhesh

Symbol



Coil specification

voltage tolerance		±10%
Insulation class		B level or equivalent
excitation time		0.05 sec
power consumption	AC	starting : 5.6VA,holding : 5VA
	DC	3W
surge voltage suppressor		AC : varistor , DC : diode
indicator light		neon light、light emitting diode

Instructions

1. Check the product and confirm no damage before install.
2. When install, pay attention to air flow direction and piping connection and check whether voltage is in accordance with requirement.
3. Avoid dust, and suggest to install mufflers and silencer on products' exhaust.
4. When connecting pipes, eliminate metal particles ,dust and oil etc of the fittings.

Specifications

code	function	diameter(mm)	CV	port	fluid	pressure range	action	max frequency	lubrication	fluid temp.
VS1120-01	2position 5port	4.5	0.86	Rc1/8	air	0.15～0.8MPa	internal pilot	5tims/sec	no need	-5～60℃
VS1220-01		4.5	0.86	Rc1/8						
VS2120-02		5	1.06	Rc1/4						
VS2220-02		5	1.06	Rc1/4						
VS3120-03		7	2.08	Rc3/8						
VS3220-03		7	2.08	Rc3/8						
VS4120-04		8.5	3.07	Rc1/2						
VS4220-04		8.5	3.07	Rc1/2						
VS1320-01	3position 5port	4	0.68	Rc1/8	air	0.2～0.8MPa	internal pilot	3times/sec	no need	-5～60℃
VS1420-01		4	0.68	Rc1/8						
VS1520-01		4	0.68	Rc1/8						
VS2320-02		4.5	0.86	Rc1/4						
VS2420-02		4.5	0.86	Rc1/4						
VS2520-02		4.5	0.86	Rc1/4						
VS3320-03		5.5	1.29	Rc3/8						
VS3420-03		5.5	1.29	Rc3/8						
VS3520-03		5.5	1.29	Rc3/8						
VS4320-04		7	2.08	Rc1/2						
VS4420-04		7	2.08	Rc1/2						
VS4520-04		7	2.08	Rc1/2						

Ordering code

VS 1 1 20 - 01 - 5 DZ

series

1	VS1000
2	VS2000
3	VS3000
4	VS4000

function

1	2position single
2	2position double
3	3position close center
4	3position exhaust center
5	3position pressure center

direct piping

A、B port size

applicable series		
M5	M5	VS1000
01	Rc1/8	VS1000/2000
02	Rc1/4	VS2000/3000
03	Rc3/8	VS3000/4000
04	Rc1/2	VS4000

rated voltage

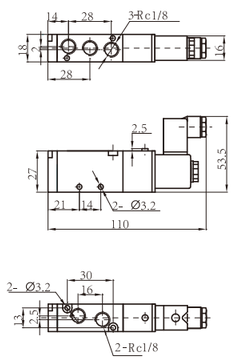
2	AC36V
3	AC110V
4	AC220V
5	DC24V
6	DC12V
9	others

electrical entry

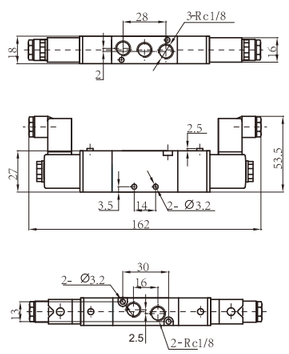
DZ	DIN terminal with indicator and surge voltage suppressor
G	Grommet , lead wire300mm

Dimensions (mm)

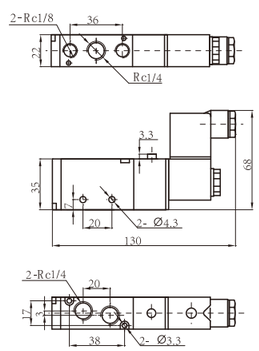
VS1120



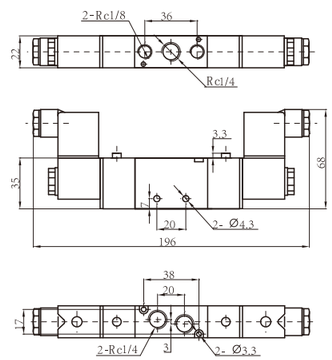
VS1220



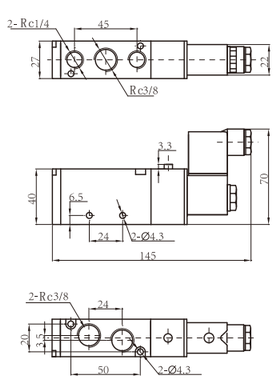
VS2120



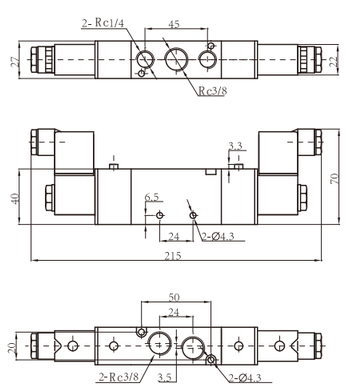
VS2220



VS3120



VS3220



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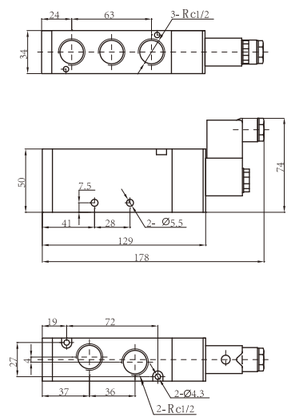
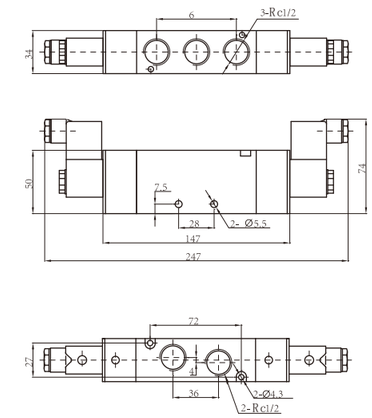
Dimensions (mm)

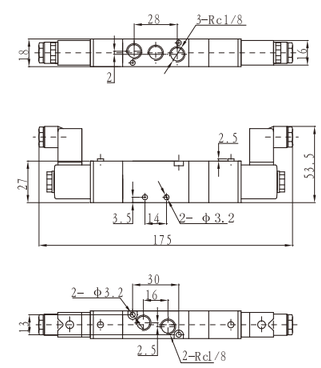
VS4120



VS4220



VS1320 VS1420 VS1520



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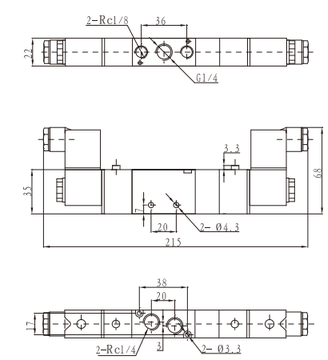
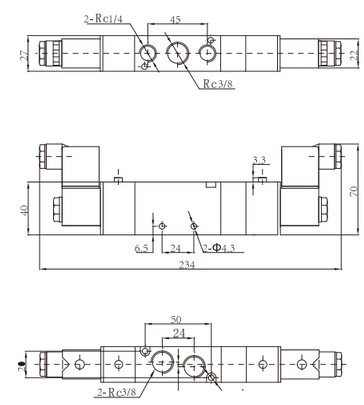
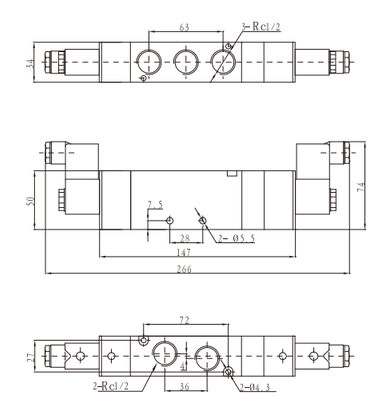


VS3320 VS3420 VS3520



VS4320 VS4420 VS4520