

◆ How to Order

V T 307 - 5 G - 01 - F

Option

F	With foot bracket
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Thread type

Nil	Rc
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Port size

01	1/8	02	1/4
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Light/Surge voltage suppressor

Nil	None
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Electrical entry

G	Grommet, 300 mm lead wire	H	Grommet, 600 mm lead wire
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Rated voltage

3	110VAC, 50/60Hz	5	24VDC
4	220VAC, 50/60Hz	6	12VDC

Valve option

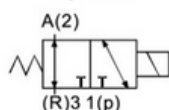
Nil	Standard type
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Body type

T	Body ported
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Symbol



◆ Specifications

Type of actuation	Direct operated type 2 position single solenoid
Fluid	Air
Operating pressure range	0~0.9MPa
Ambient and fluid temperature	-10~50 °C (No freezing)
Response time	20 ms or less (at the pressure of 0.5MPa)
Max. operating frequency	10Hz
Lubrication	Not required (Use turbine oil Class 1 ISO VG32, if lubricated.)
Manual override	Non-locking push type
Mounting orientation	Unrestricted
Shock/Vibration resistance	150/50 (m/s ²)
Enclosure	Dustproof

◆ Solenoid Specifications

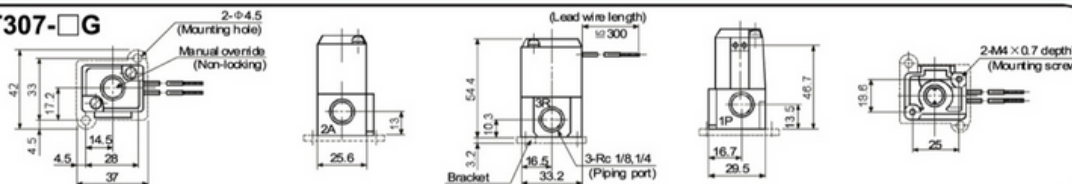
Electrical entry	Grommet	
Coil rated voltage(V)	AC(50/60Hz)	110,220
	DC	24,12
Allowable voltage fluctuation	-15~+10% of rated voltage	
Apparent power	AC	Inrush 12.7VA (50Hz) 10.7VA (60Hz)
		Holding 7.6VA (50Hz) 5.4VA (60Hz)
Power consumption	DC	Without indicator light: 4.8W

◆ Flow Characteristics/Weight

Valve model	Port size	Flow characteristics												Weight
		1→2(P→A)			2→3(A→R)			3→2(R→A)			2→1(A→P)			
		C[dm³/(sbar)]	b	Cv	C[dm³/(sbar)]	b	Cv	C[dm³/(sbar)]	b	Cv	C[dm³/(sbar)]	b	Cv	Grommet
VT307	1/8	0.71	0.35	0.18	0.68	0.27	0.17	0.65	0.36	0.17	0.63	0.35	0.17	0.14kg

◆ Dimensions

Grommet: VT307-□G



3V1 Series Solenoid Valve



3V1-M5

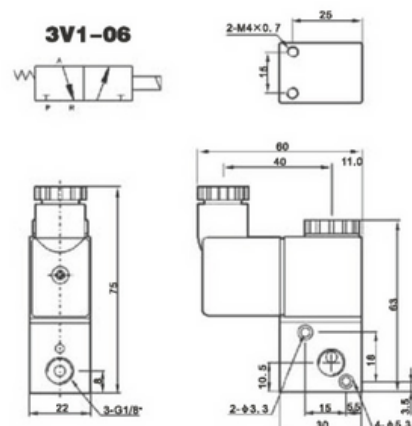
Ordering Code

3V	1	06	—	B	AC220V	—	L
Specification Code 3V: Two-position Three-way Solenoid Valve	Port Size M5:M5×0.8 06:G1/8"				Standard Voltage DC12v DC24v AC24v 50Hz/60Hz AC110v 50Hz/60Hz AC220v 50Hz/60Hz AC380v 50Hz/60Hz		Wiring Form Blank:standard Connector G:Lead Wire Type Oil L:With Lighthing Connector Oil
	Series Code 1:100 Series			Connecting Type Blank:Pipe Connection Type B:Plate Connection Type			

Specification

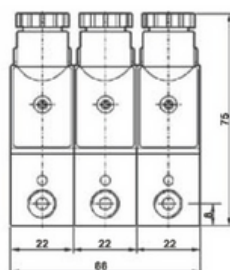
Model	3V1-M5	3V1-06
Working Medium	40 Micron Filtered Air	
Motion Pattern	Direct Drive Type	
Joint Pipe Bore	M5	1/8"
Ambient Temperature	-10~+60℃	
Gas Temperature	5~60℃	
Air Outlet Diameter	1.0mm	
Lubrication	Not Necessary	
Working-Pressure	0~0.8MPa	
Max.Pressure Resistance	1.2MPa	
Power Consumption	AC:4.5VA DC:3.0W	
Protect Class	IP65	
Power Connection Form	Gorl	
Material of Body	Aluminum alloy	
Highest Action Frequency	10Cycle / Sec	
Insulation	F Class	
Voltage Range	±10%	
Shortest Excitation Time	0.05 Second	

Overall Dimensions

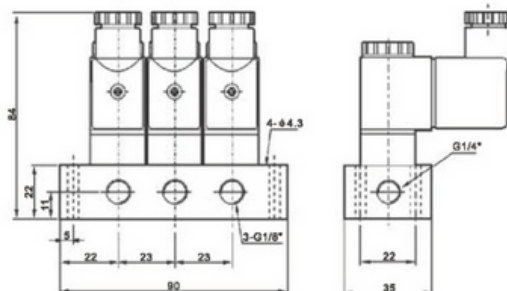


Overall Dimensions

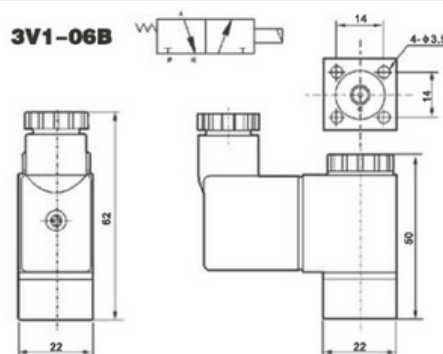
3V1-06-3F



3V1-06B-3F



3V1-06B



Base For 4V 4M SY Valve

◆ How to order



100M - 7 F

Number

100M	1-12	200M	1-12
300M	1-12	400M	1-5

Manifold type

100M	100 Series	200M	200 Series
300M	300 Series	400M	400 Series

VF - 7 F

Number

VF3130	1-15
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Manifold type

VF3130	VF3000 Series
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SY - 7 F

Number

SY3120	1-12	SY5120	1-15
SY7120	1-15		

Manifold type

SY3120	SY3000 Series	SY5120	SY5000 Series
SY7120	SY7000 Series		

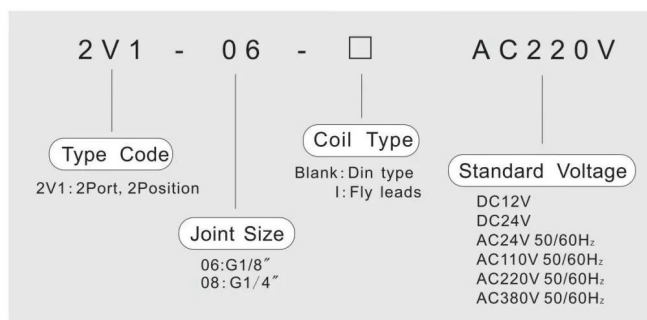
Product Description

Product Feature

1. Direct-acting normally closed type with sensitive commutation.
2. No need to add lubrication.
3. Multiple valves can be integrated, saving installation space.
4. Equipped with manual device, easy to install and debug.
5. A variety of standard voltage levels are available for selection.
6. The 2v1 is available in both Din type and lead wire options.

Symbol

Ordering Code 2V1 Series Solenoid Valve



Product Specifications

Model	2V1-06	2V1-08
Working medium	Clean air	

Acting type	Direct acting type	
Joint size	1/8"	1/4"
Orifice	2mm	
Working pressure	0 to 1.0Mpa	
Max.pressure	1.5Mpa	
Working Temperature	.-10 to 80°C	
Power	AC220v:5.5va DC24:4.8v	
Insulation Grade	F	
Protective Class	IP65	
Excitation Time	<0.05s	
Seal Material	NBR	

Main Dimensions

■ Main Dimensions

