

Solenoid valve(3/2 way)

3V3 Series



Symbol



Product feature

1. Direct acting type and normally closed mode, flexible in direction change.
2. Normally closed and normally open types are optional.
3. Structure in coaxial blanking mode: leakage proof and large air flow.
4. No need to add oil for lubrication.
5. Affiliated manual devices are equipped to facilitate installation and debugging.
6. Several standard voltage grades are optional.
7. Can be used under vacuum condition.

Specification

Model		3V308
Fluid	Air(to be filtered by 40 μm filter element)	
Acting	Direct acting	
Port size [Note1]	1/4"	
Valve type	3 port 2 position	
Orifice size	11mm ² (Cv=0.62)	
Lubrication	Not required	
Operating pressure	Common	0~0.8MPa(0~114psi)
	vacuum	-102.2kPa~0.1MPa(-1.45~14.2psi)
Proof pressure	1.2MPa(175psi)	
Temperature	-20~70℃	
Material of body	Aluminum alloy	

[Note1] G thread is available.

Coil specification

Item	specification
Standard voltage	AC220V、AC110V、AC24V、DC24V、DC12V
Scope of voltage	AC: ±15% DC: ±10%
Power consumption	AC: 10VA DC: 6.5W
Protection	IP65(DIN40050)
Temperature classification	B Class
Electrical entry	Terminal, Grommet
Activating time	0.05 sec and below
Max. frequency [Note1]	10 cycle/sec

[Note1] The maximum actuation frequency is in the no-load state.

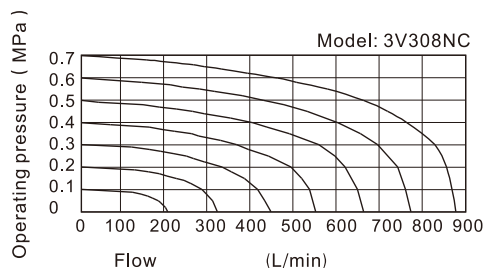
Ordering code

3V 3 08 NC A □ G

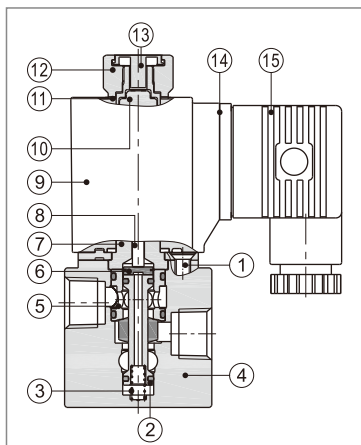
① ② ③ ④ ⑤ ⑥ ⑦

①Model	②Code	③Port size	④Acting type	⑤Standard voltage	⑥Electrical entry	⑦Thread type
3V: Solenoid valve (3/2 way)	3: 3 Series	08: 1/4"	NC: Normally closed NO: Normally opened	A: AC220V B: DC24V C: AC110V E: AC24V F: DC12V	Blank: Terminal I: Grommet	G: G

Flow chart



Inner structure



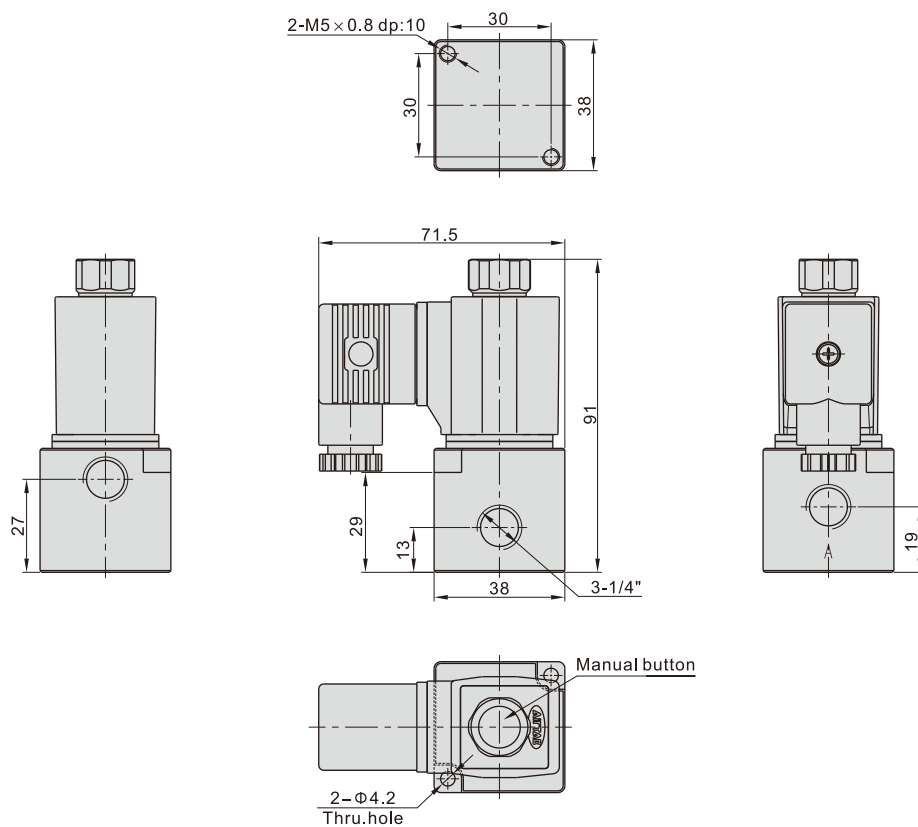
No.	Item	No.	Item
1	Pilot screw	9	Coil
2	Spool	10	Armature
3	Spring	11	Washer
4	Body	12	Coil nut
5	Washer	13	Manual button
6	Spacer	14	Gasket
7	Electromagnet set	15	Connector
8	Man drill		

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Dimensions

Terminal



Grommet

