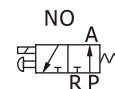
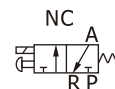


Solenoid valve(3/2 way)

3V3 Series



Ordering code

3V 3 08 NC A □ T

① ② ③ ④ ⑤ ⑥ ⑦

① Model

3V: Solenoid valve
(3/2 way)

② Code

3: 3 Series

③ Port size

08: 1/4"

④ Acting type

NC: Normally closed
NO: Normally opened

⑤ Standard voltage

A: AC220V
B: DC24V
C: AC110V
E: AC24V
F: DC12V

⑥ Electrical entry

Blank: Terminal
I: Flying leads

⑦ Thread type

T: NPT

[Note]: The wire length is 0.5m.

Specification

Model		3V308
Fluid		Air(to be filtered by 40μm 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	0~114psi(0~0.8MPa)
	vacuum	-1.45~14.2psi(-102.2kPa~0.1MPa)
Proof pressure		175psi(1.2MPa)
Temperature		-20~70°C
Material of body		Aluminum alloy

[Note1] NPT 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, Flying leads
Activating time	0.05 sec and below
Max. frequency [Note1]	10 cycle/sec

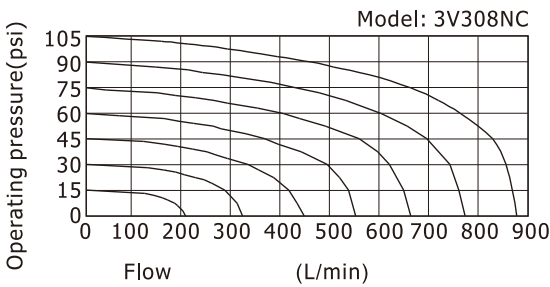
[Note1] The maximum actuation frequency is in the no-load state.

3V3 Series

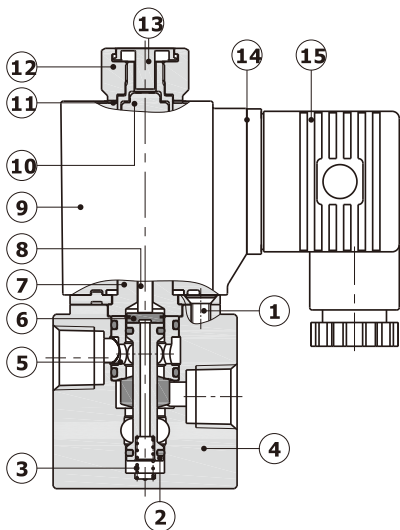
Product feature

- 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.

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	Spacer	13	Manual button
6	Washer	14	Gasket
7	Electromagnet set	15	Connector
8	Mandril		

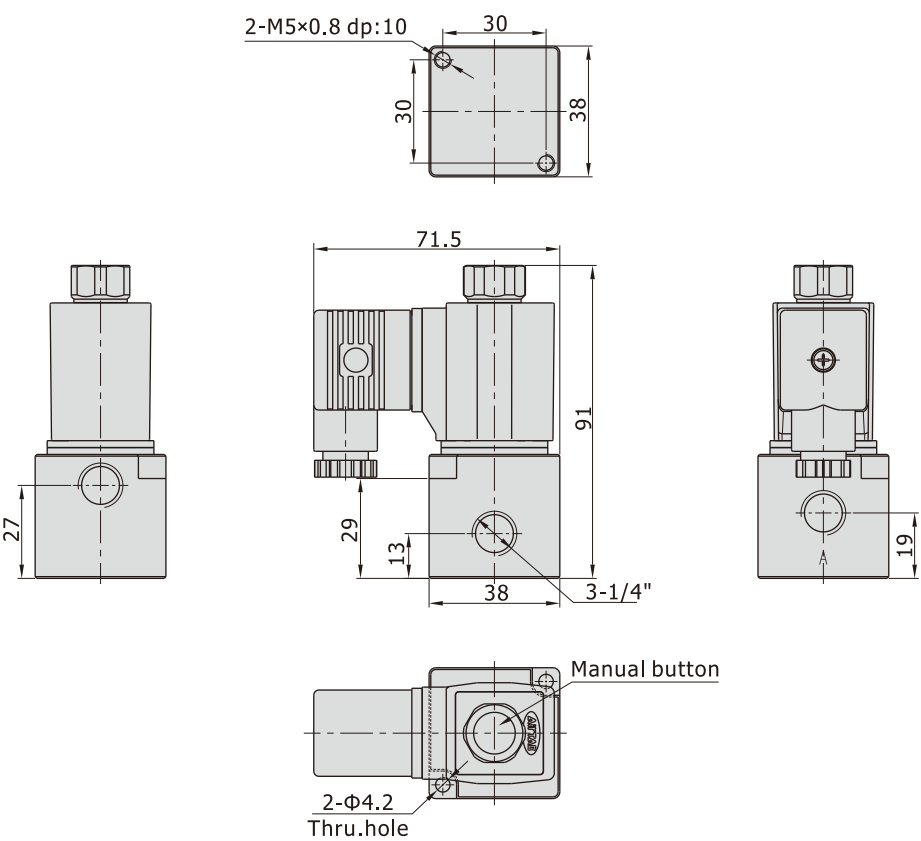
Solenoid valve(3/2 way)



3V3 Series Dimensions

Terminal

[Unit: mm]



Flying leads

