

Valve

3V1

3V2

3V2M

3V3

3V100

3V200

3V300

4V100

4V200

4V300

4V400

HY-S1

HY-S2

HY-S3

HY-S4

4M

3V Manifold

4V Manifold

Coil

3A100

3A200

3A300

4A100

4A200

4A300

4A400

3A Manifold

4A Manifold

VF3000

VF5000

SY

SY Manifold

MVSD-180

MVSC-220

MVSC-260

MVSC-300

MVSC-460

HB10

3H

4H

TSV

3R

4R

HSV

4HV/4HVL

HV

K²⁴₃₄

MOV

JM

MSV

XQ²³₂₅

3F/3FM

4F

FV

K²³₂₅

ASC

RE

QE

ST

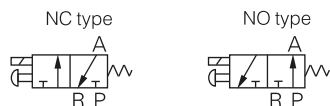
KA

XQ

AQ



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.

Ordering code

Model	Port size	Voltage
3V	06 1/8"	A AC220V
2	08 1/4"	B DC24V
08		C AC110V
NC		E AC24V
A		F DC12V
Code	Acting type	
2 2 Series	NC Normally closed	
	NO Normally opened	

Specifications

Model	3V206	3V208
Fluid	Air (to be filtered by 40μm filter element)	
Acting	Direct acting	
Port size ①	1/8"	1/4"
Valve type	3 port 2 position	
Orifice size	3.2mm ² (Cv=0.18)	3.4mm ² (Cv=0.19)
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 (°C)	-20~70	
Material of body	Aluminum alloy	

① PT thread, G thread and NPT thread are available.

Coil specifications

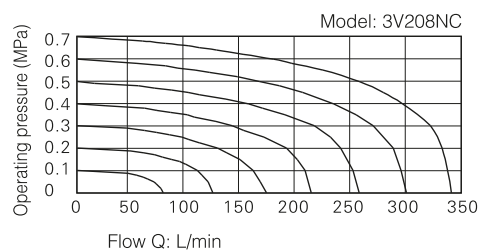
Item	Specifications				
Standard voltage	AC220V	AC110V	AC24V	DC24V	DC12V
Scope of voltage	AC: ±15% DC: ±10%				
Power consumption	AC: 7VA DC: 7.0W				
Protection	IP65(DIN40050)				
Temperature classification	B class				
Electrical entry	Terminal, Grommet				
Activating time	0.05 sec and below				
Max. frequency ①	10 cycle/sec				

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

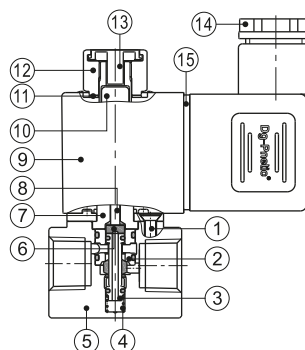
Ordering code of accessories

Accessories code	Accessories type
F Mounting accessories	FA FA Bracket
Valve type	
3V2 Solenoid valve(3/2 way)	

Flow chart



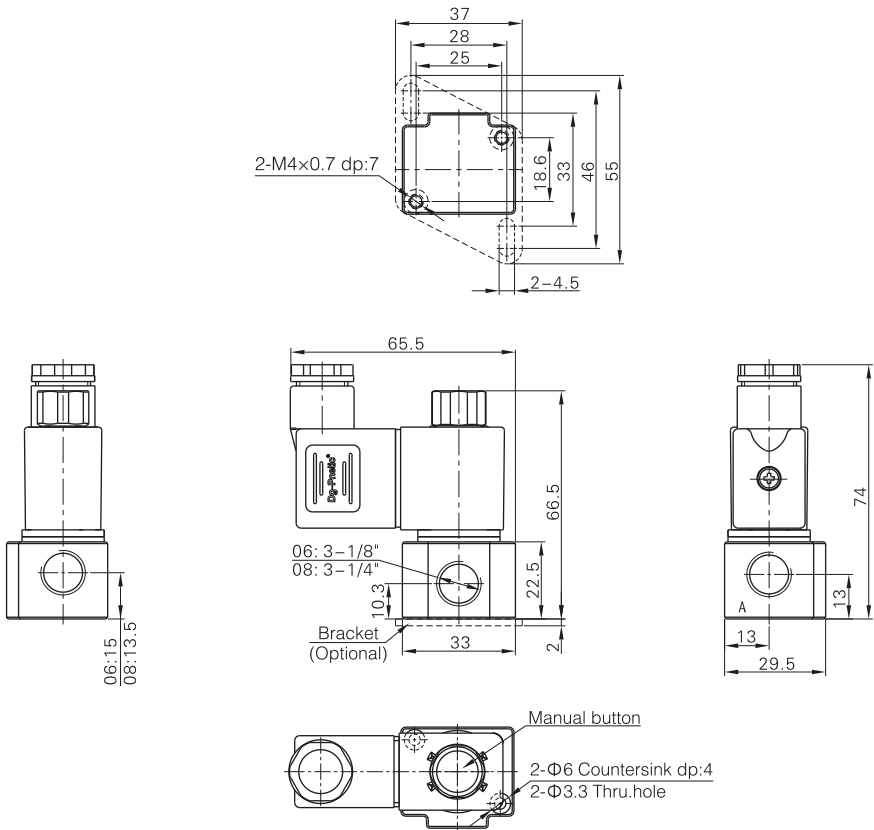
Inner structure



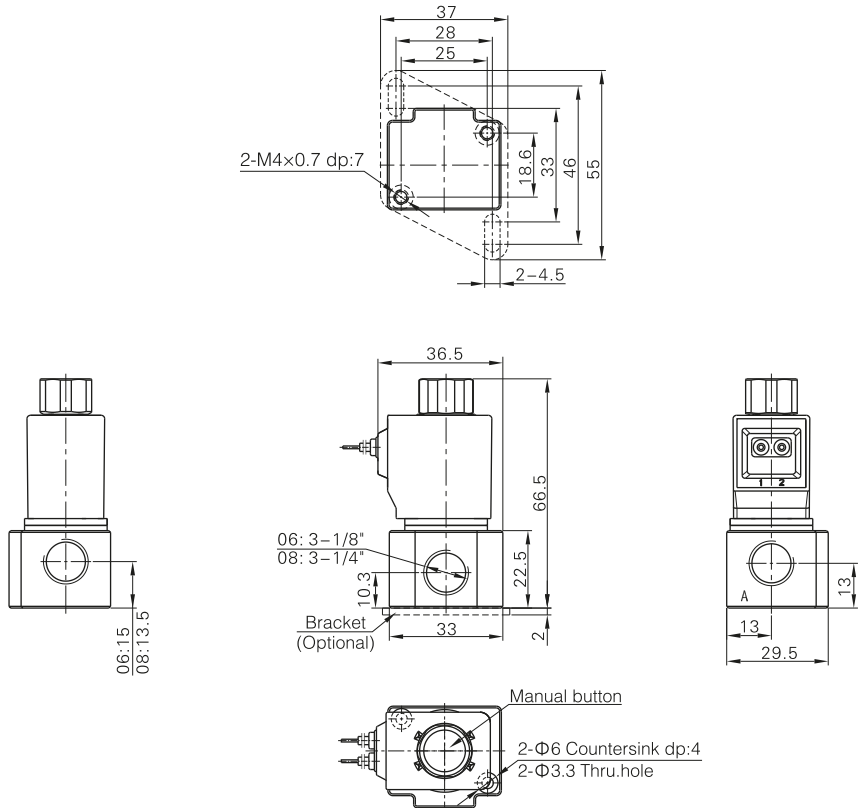
No.	Item	No.	Item
1	Pilot screw	9	Coil
2	Spacer	10	Armature
3	Spool	11	Washer
4	Spring	12	Coil nut
5	Body	13	Manual button
6	Washer	14	Connector
7	Electromagnet set	15	Gasket
8	Man drill		

Dimensions

Terminal



Grommet



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3F/3FM

4F

FV

K²³₂₅

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KA

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