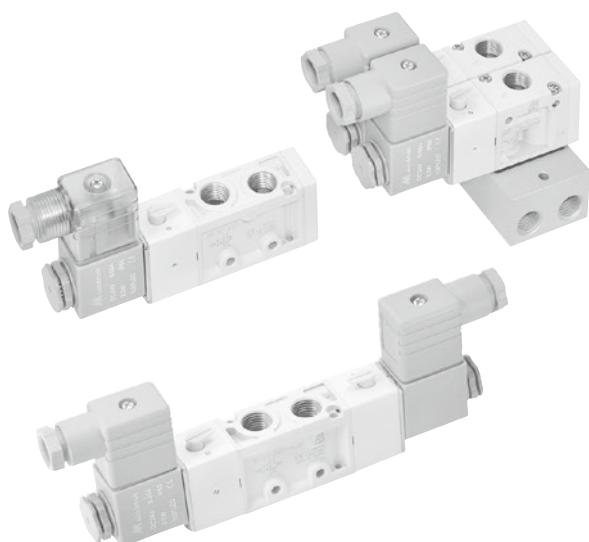


MVSC-220 series

SOLENOID VALVE



Mindman



Specification

Model	3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.	8A		6A, 8A		
Port size	Rc1/4		Rc1/8, Rc1/4		
No. of port	3		5		
No. of position	2		2		3
Medium	Air				
Operating perssure range	0.2~0.8 MPa				0.3~0.8 MPa
Operating pressue (LP)	0~0.8 MPa				
External pilot pressure (LP)	0.2~0.8 MPa				0.3~0.8 MPa
Proof pressure	1 MPa				
Effective orifice	18 mm ²				16 mm ²
Reponse time	30 ms				40 ms
Ambient temperature	-5~+50°C (No freezing)				
Voltage	AC110V, 220V (50/60)Hz, DC24V				
Power consumption	AC=4.8/4.4VA, 6/4.9VA, DC=2W				
Available voltage range	±10%				
Insulation class	F class				
Weight	181 g	294 g	198 g	313 g	352 g

Order example of valve

MVSC — 220M — 4E2C — NC — □ — AC110 — L — LP — G

MODEL

BODY WIDTH

Blank: Body ported type
M: Manifold type (Only for 4E*)

3: 3 way (3 port)
4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

C: Closed center
P: Pressure center
R: Exhaust center
D: Differential
(Only for 4E2 type)

NC: Normally closed
NO: Normally open
(Only for 3E1 type)

PORT SIZE
Blank: Rc1/4
6A: Rc1/8
(Only for 4E* & body ported type)

VOLTAGE
AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V

ELECTRIC CONNECTION

Blank: DIN terminal
L: DIN terminal with LED indicator
E: Explosion protection (Table 1)

(E type use black coil)

LP: External pilot

PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread
(Only for body ported type)

Table 1

Property for explosion-proof type

Anti-explosion class	EEx m II T4
Voltage	AC110V, 220V, (50/60)Hz, DC24V.
Power consumption	AC=4.4VA DC=5W
Available voltage range	±10%
Insulation class	F class
Wire length	3 m

Order example of manifold

MVSC — 220M — 5M3 — G

MODEL

Blank: Body ported type
M: Manifold type

MANIFOLD
3B: 3 port (for body ported type)
3M: 3 port (for manifold type)
5B: 5 port (for body ported type)
5M: 5 port (for manifold type)

MANIFOLD NUMBER
1, 2, 3...

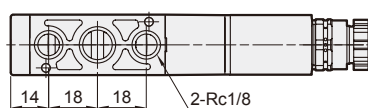
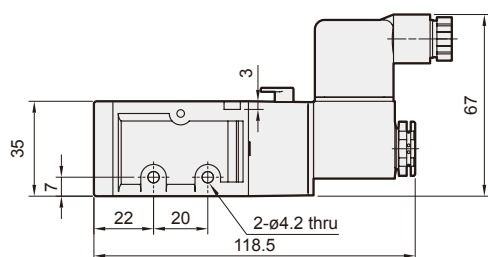
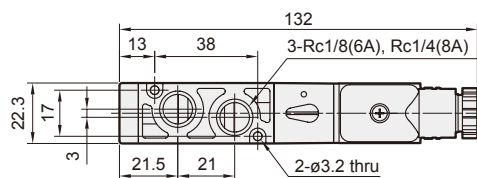
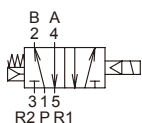
PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread

MVSC-220 Dimensions

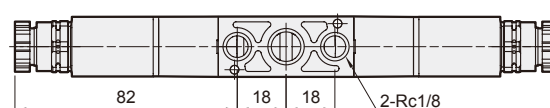
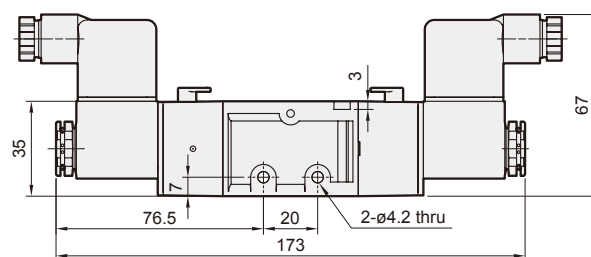
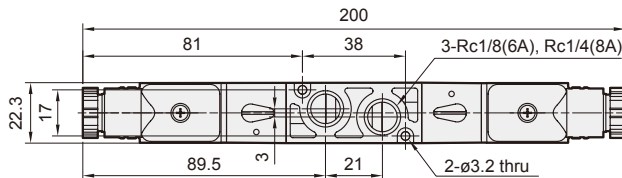
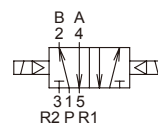
SOLENOID VALVE



MVSC-220-4E1



MVSC-220-4E2

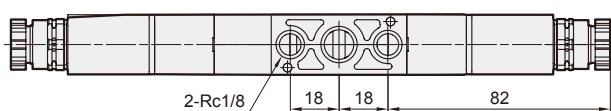
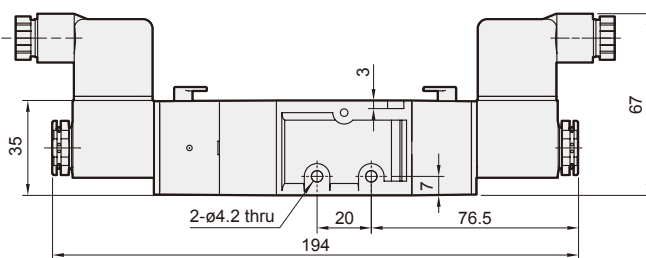
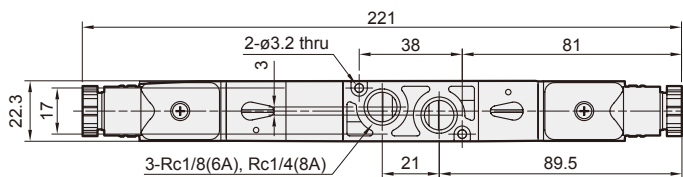
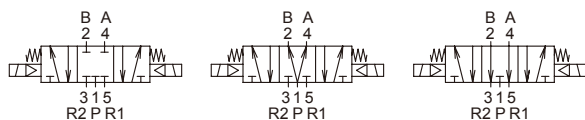


MVSC-220-4E2C.PR

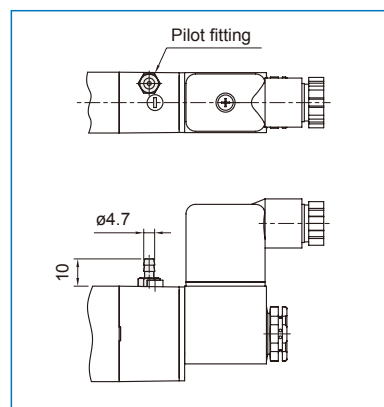
MVSC-220-4E2C

MVSC-220-4E2P

MVSC-220-4E2R

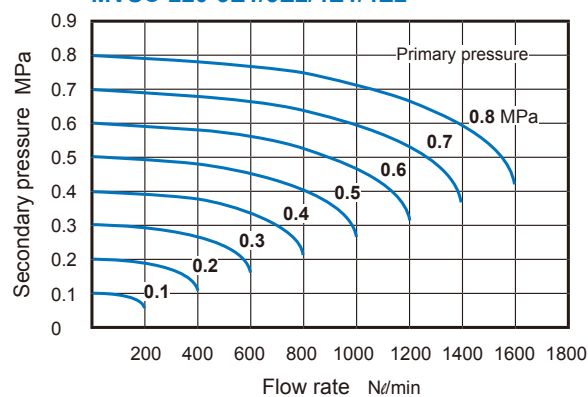


LP



Flow features

MVSC-220-3E1/3E2/4E1/4E2

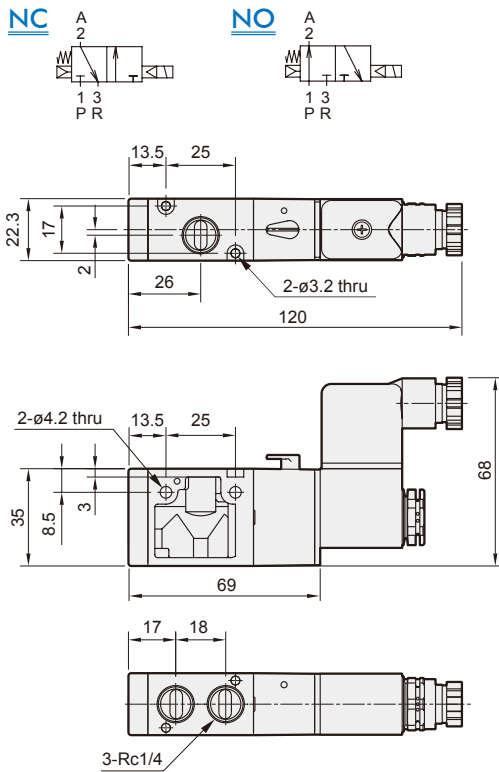


MVSC-220 Dimensions

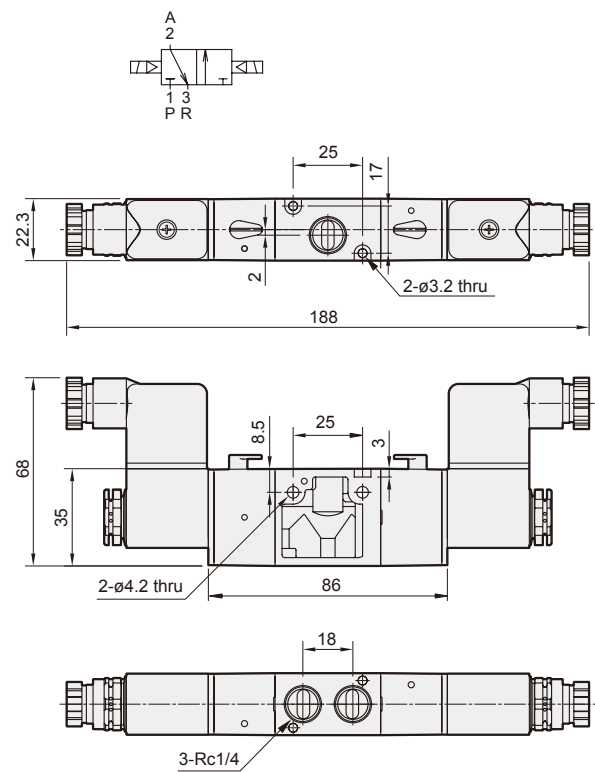
SOLENOID VALVE



MVSC-220-3E1-NC/NO



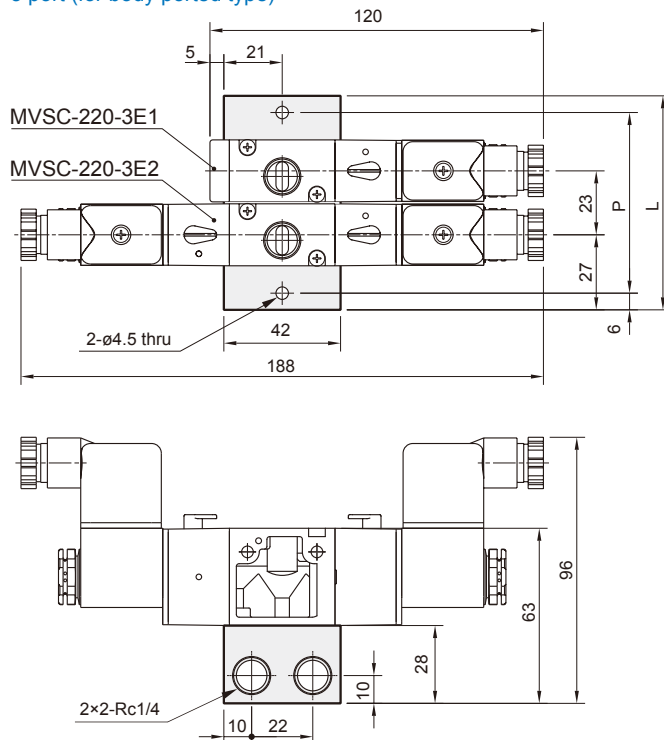
MVSC-220-3E2



Manifold of solenoid valve

MVSC-220-3B*

3 port (for body ported type)



No. of stations	P	L
2	65	77
3	88	100
4	111	123
5	134	146
6	157	169
7	180	192
8	203	215
9	226	238
10	249	261

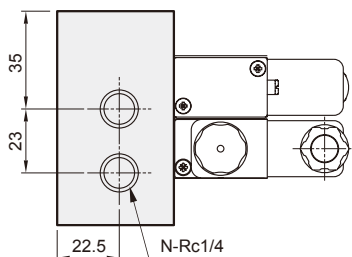
MVSC-220 Manifold

SOLENOID VALVE

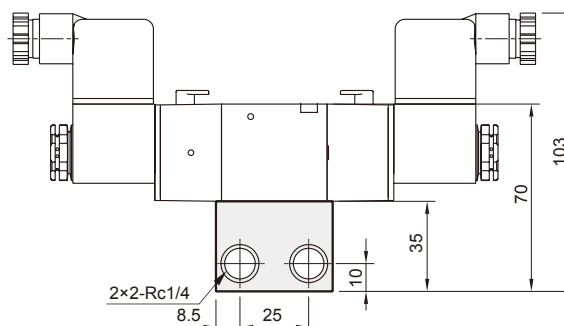
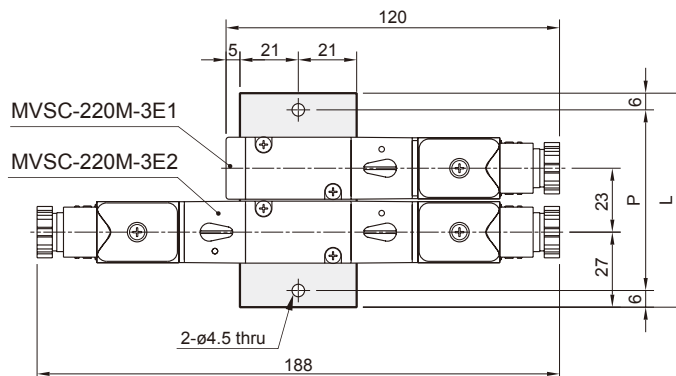


MVSC-220M-3M*

3 port (for manifold type)

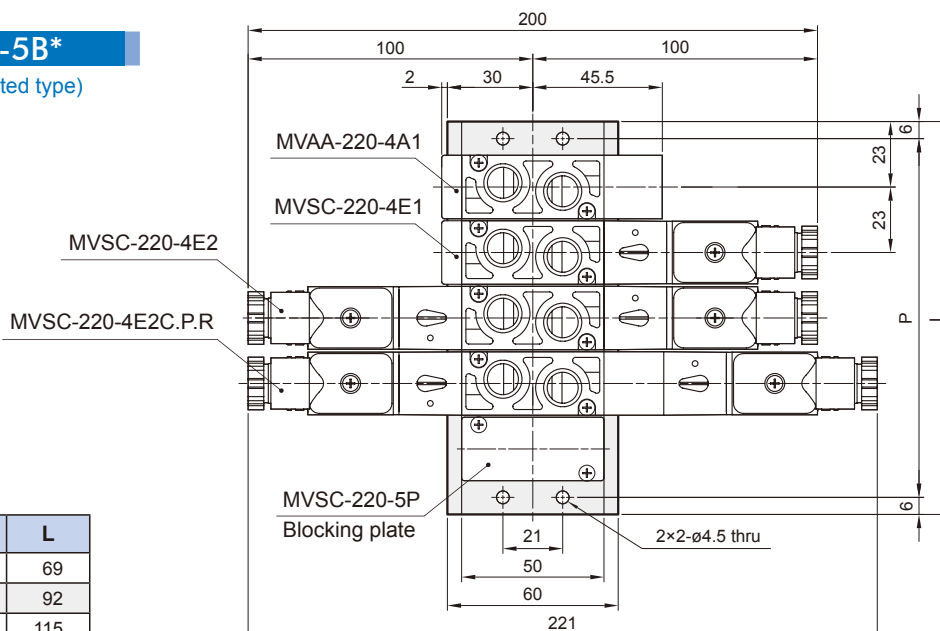


No. of stations (N)	P	L
2	65	77
3	88	100
4	111	123
5	134	146
6	157	169
7	180	192
8	203	215
9	226	238
10	249	261

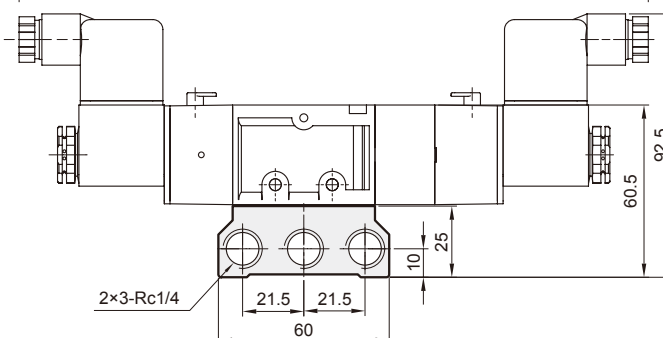


MVSC-220-5B*

5 port (for body ported type)



No. of stations	P	L
2	57	69
3	80	92
4	103	115
5	126	138
6	149	161
7	172	184
8	195	207
9	218	230
10	241	253



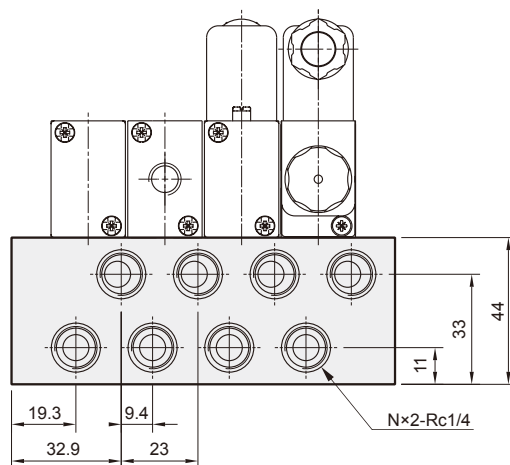
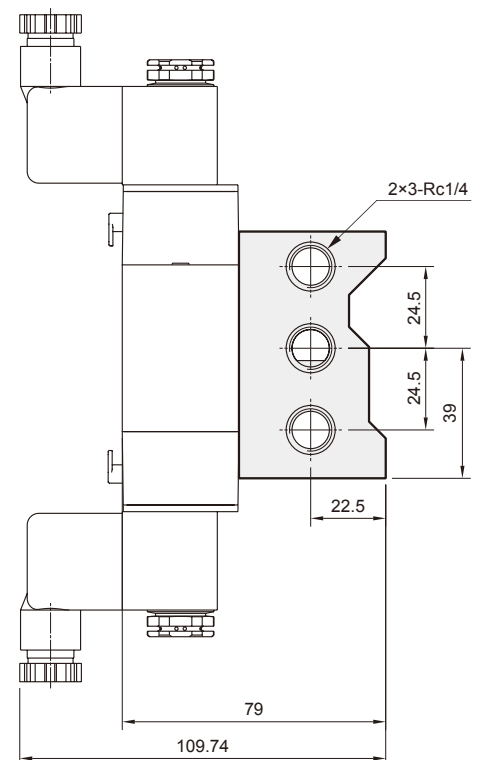
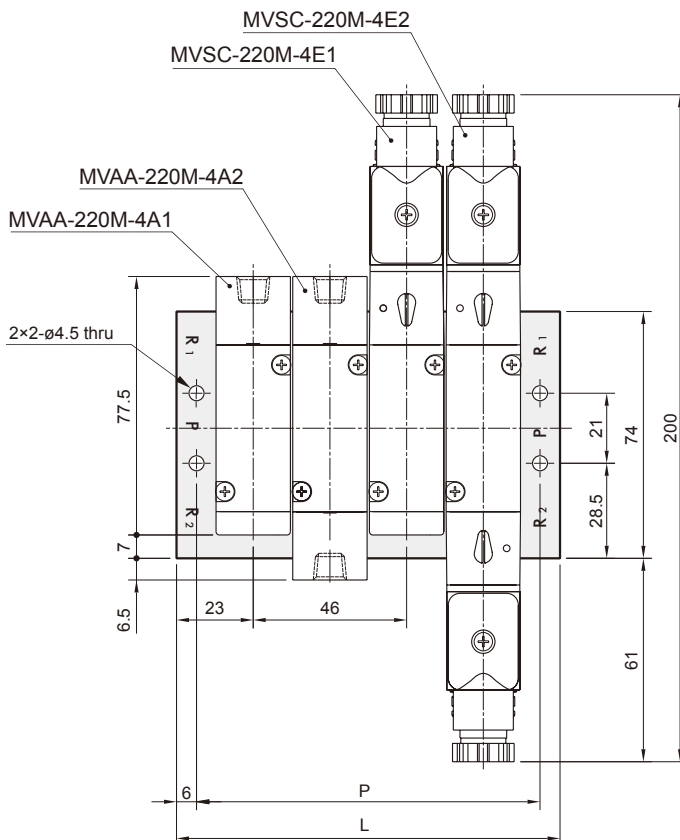
MVSC-220 Manifold

SOLENOID VALVE



MVSC-220M-5M*

5 port (for manifold type)



No. of stations (N)	P	L
2	57	69
3	80	92
4	103	115
5	126	138
6	149	161
7	172	184
8	195	207
9	218	230
10	241	253