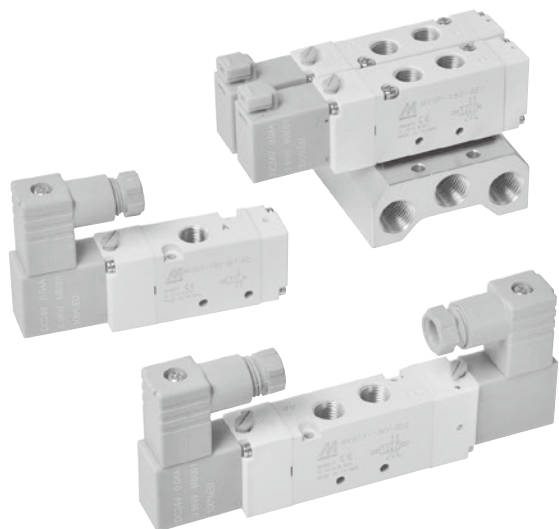


MVSC1-180 series

SOLENOID VALVE



mindman



Specification

Model		3E1	3E2	4E1	4E2	4E2 C.P.R
Bore No.		6A				
Port size		Rc1/8				
No. of port / position		3 / 2		5 / 2		5 / 3
Medium		Air				
Operating perssure range		0.15~0.8 MPa				0.2~0.7 MPa
Proof pressure		1 MPa				
Effective orifice		15 mm ²		12 mm ²		9 mm ²
Response time	Standard	DC<25 ms, AC<35 ms				DC<30ms, AC<45ms
	Quick response*	DC<20 ms, AC<31 ms				DC<25ms, AC<41ms
Power consumption	Standard	AC=1.12VA, DC=0.95W				
	Quick response*	AC=2.5VA, DC=2.5W				
Ambient temperature		-5~+50°C (No freezing)				
Voltage		AC110V, 220V (50/60)Hz, DC24/12V				
Available voltage range		±10%				
Insulation class		F class				
Weight		90 g	125 g	94 g	129 g	143 g

* For quick response type, it cannot be energized for more than 30 minutes.

Order example of valve

MVSC1 — 180 — 4E2C — NC — □ — AC110 — H1 — G

MODEL

BODY WIDTH

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

VOLTAGE

AC220V(50/60)Hz
AC110V(50/60)Hz
DC24V
DC12V

RESPONSE TIME
Blank: Standard type
Q: Quick response
(Power consumption please refer to spec.)

ELECTRIC CONNECTION

D: DIN terminal	L: DIN terminal
W: Lead wire	H: Horizontal plug
wire length: 500mm	with LED indicator

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

Wire length	
—	500mm
1	1000mm
2	2000mm
3	3000mm

* Wire length only for "H: Horizontal plug".

Order example of manifold

MVSC1 — 180 — 3B3 — G

MODEL

MANIFOLD

3B: 3 port (for body ported type)
5B: 5 port (for body ported type)

MANIFOLD NUMBER
1, 2, 3...

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

Order example of wire

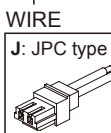
* Use the same wire with MVDY.
* Only for "H: Horizontal plug".

MVDY — 100 — WA2J2

MODEL

VOLTAGE

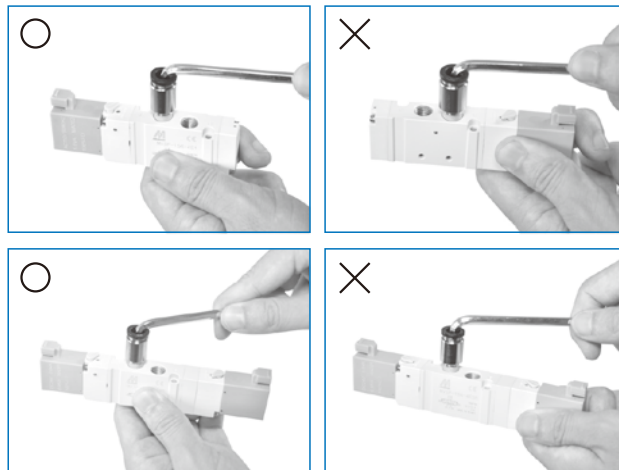
A2: AC220V(50/60)Hz
A1: AC110V(50/60)Hz
D: DC24V/12V/6V



WIRE LENGTH
Blank: 500mm
1: 1000mm
2: 2000mm
3: 3000mm

Caution

Prohibit apply force to coil when tighten the tube fitting.

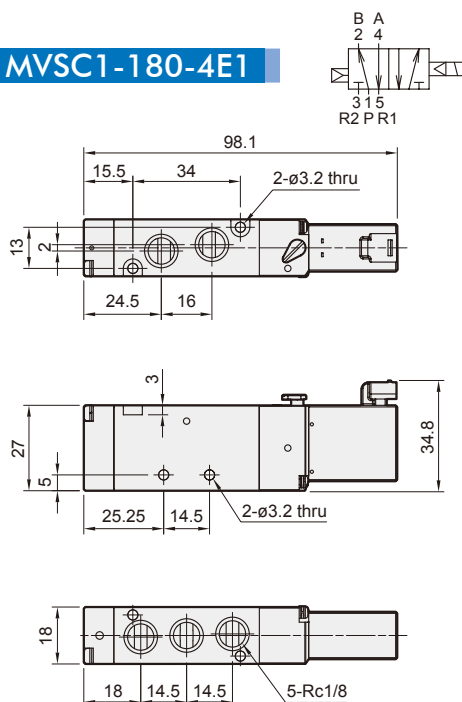


MVSC1-180 Dimensions

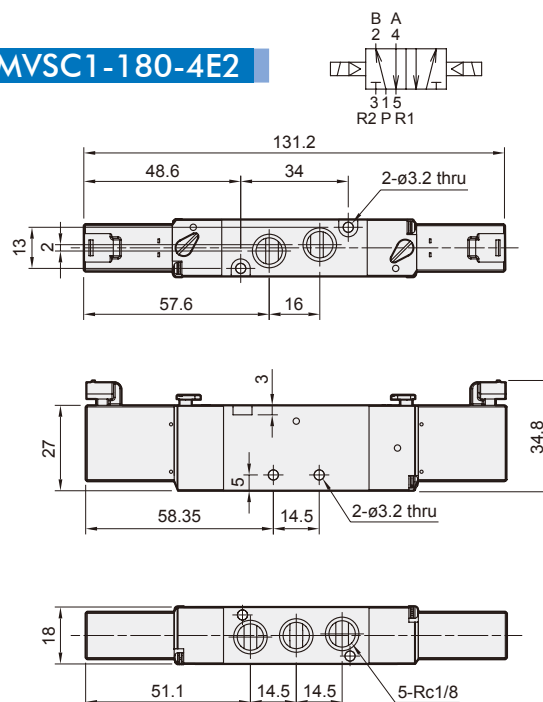
SOLENOID VALVE



MVSC1-180-4E1

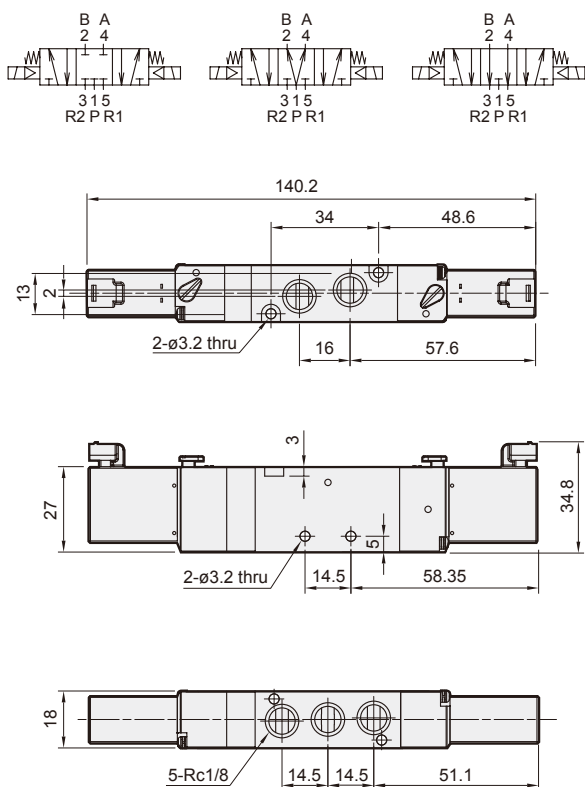


MVSC1-180-4E2

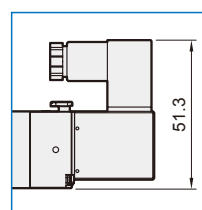


MVSC1-180-4E2C.P.R

MVSC1-180-4E2C MVSC1-180-4E2P MVSC1-180-4E2R

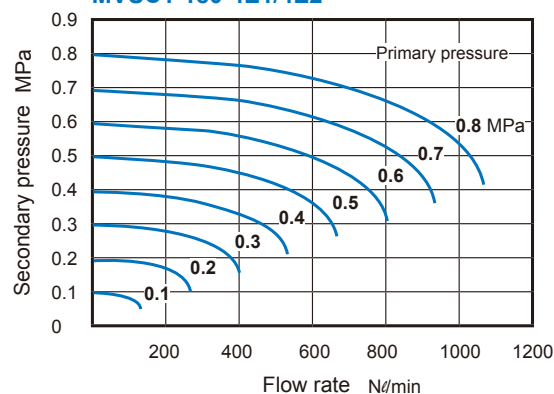


DIN terminal / DIN terminal with LED indicator



Flow features

MVSC1-180-4E1/4E2

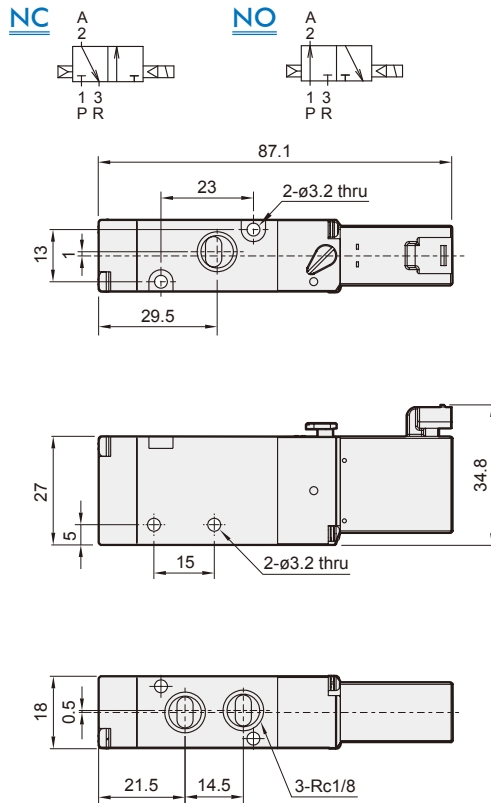


MVSC1-180 Dimensions

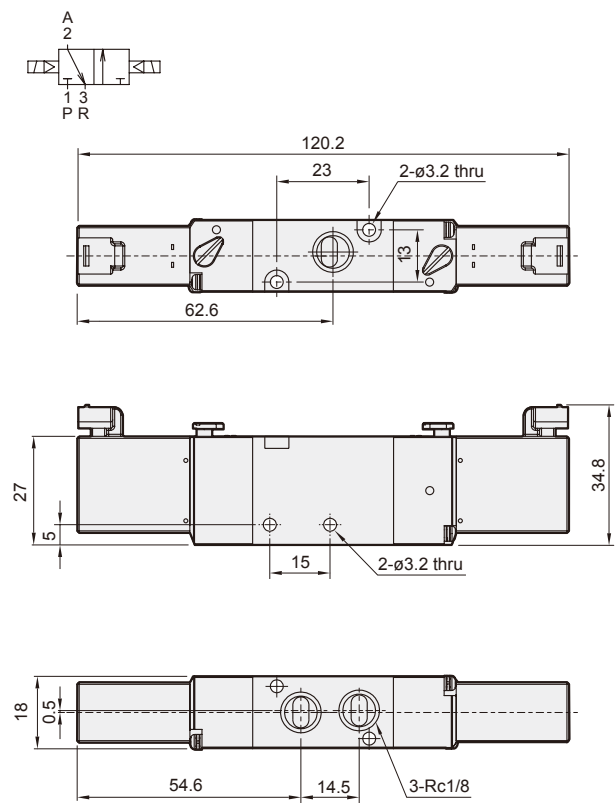
SOLENOID VALVE



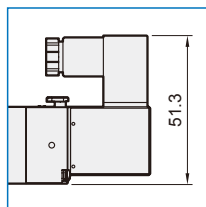
MVSC1-180-3E1-NC/NO



MVSC1-180-3E2



**DIN terminal /
DIN terminal with LED indicator**



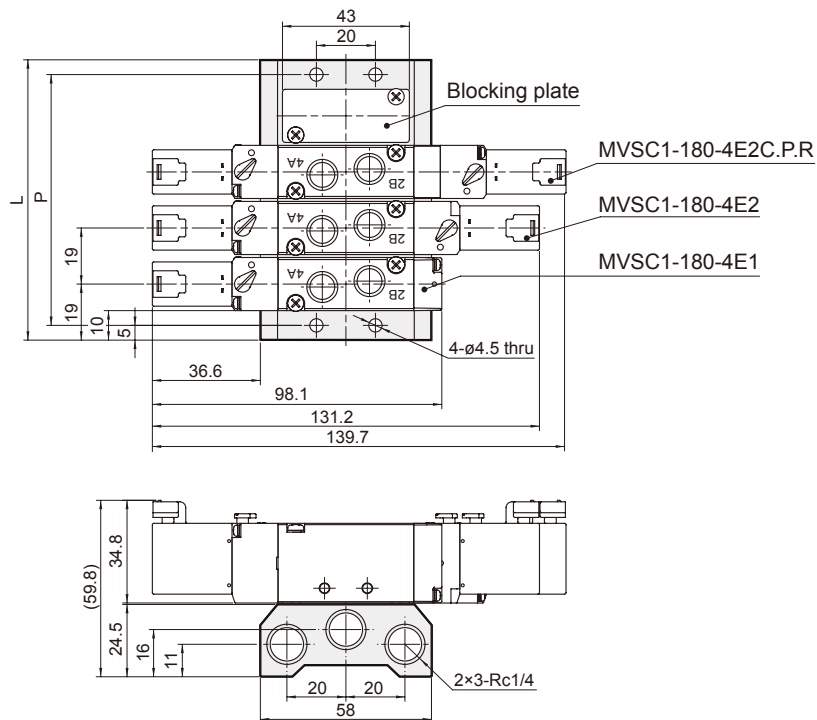
MVSC1-180 Manifold

SOLENOID VALVE



MVSC1-180-5B*

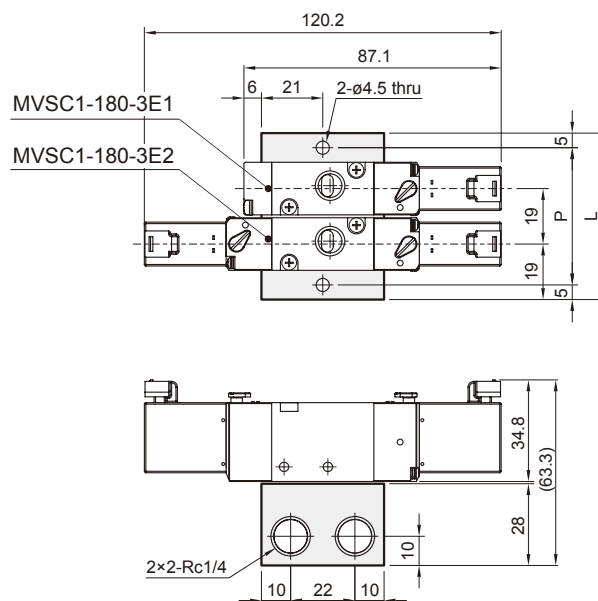
5 port (for body ported type)



No. of stations	P	L
2	47	57
3	66	76
4	85	95
5	104	114
6	123	133
7	142	152
8	161	171
9	180	190
10	199	209

MVSC1-180-3B*

3 port (for body ported type)



No. of stations	P	L
2	47	57
3	66	76
4	85	95
5	104	114
6	123	133
7	142	152
8	161	171
9	180	190
10	199	209