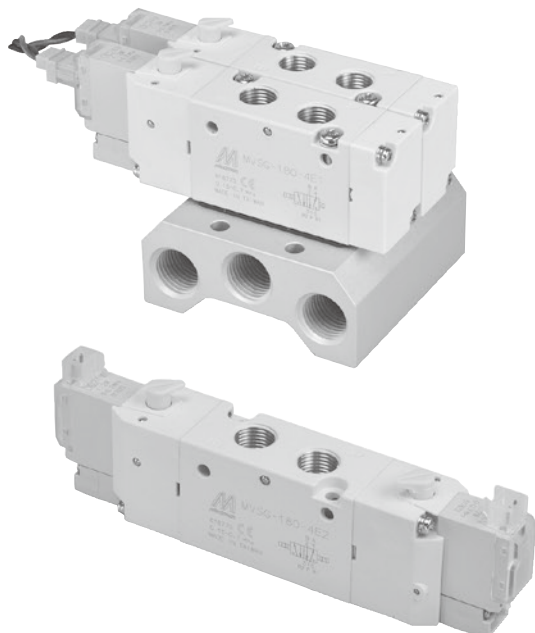


# MVSG-180 series

## SOLENOID VALVE



Mindman



### Specification

| Model                    | 4E1                          | 4E2  | 4E2 C.P.R   |
|--------------------------|------------------------------|------|-------------|
| Bore No.                 | 6A                           |      |             |
| Port size                | Rc1/8                        |      |             |
| No. of port              | 5                            |      |             |
| No. of position          | 2                            | 3    |             |
| Medium                   | Air                          |      |             |
| Operating perssure range | 0.15~0.7 MPa                 |      | 0.3~0.7 MPa |
| Proof pressure           | 1 MPa                        |      |             |
| Effective orifice        | 10 mm <sup>2</sup>           |      |             |
| Reponse time             | 15 ms                        |      | 30 ms       |
| Ambient temperature      | +5~+50°C                     |      |             |
| Voltage                  | AC110V (50/60)Hz, DC24/12/6V |      |             |
| Power consumption        | AC=1.6VA, DC=0.55W           |      |             |
| Available voltage range  | ±10%                         |      |             |
| Insulation class         | B class                      |      |             |
| Weight                   | 74 g                         | 94 g | 132 g       |

### Order example of valve

**MVSG — 180 — 4E2C — AC110 — LJ1 — G**

MODEL

BODY WIDTH

4: 4 way (5 port)

VOLTAGE

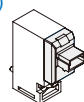
AC110V(50/60)Hz  
DC24V  
DC12V  
DC6V

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

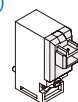
E1: Single Solenoid  
E2: Double Solenoid

#### ELECTRIC CONNECTION

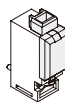
LJ: Plug on side (\*1)



LR: Plug on side (\*2)



SR: Plug on Top (\*2)



WIRE LENGTH

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

PORT THREAD

Blank: Rc thread  
G: G thread  
NPT: NPT thread

\*1. Plug with flying leads JPC type.

\*2. Plug with flying leads RMH type. (Original)

### Order example of manifold

**MVSG — 180 — 5B3 — G**

MODEL

MANIFOLD

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.

**MVDY — 100 — WA2J2**

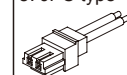
MODEL

VOLTAGE

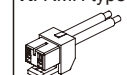
A2: AC220V(50/60)Hz  
A1: AC110V(50/60)Hz  
D: DC24V/12V/6V

WIRE

J: JPC type



R: RMH type



WIRE LENGTH

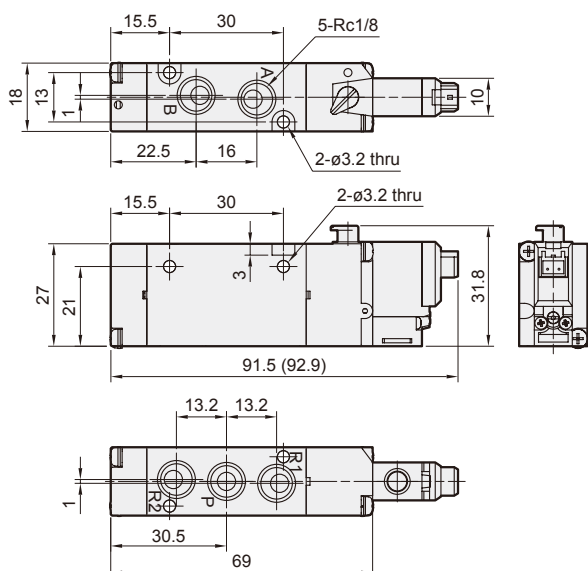
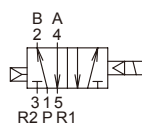
Blank: 500mm  
1: 1000mm  
2: 2000mm  
3: 3000mm

# MVSG-180 Dimensions

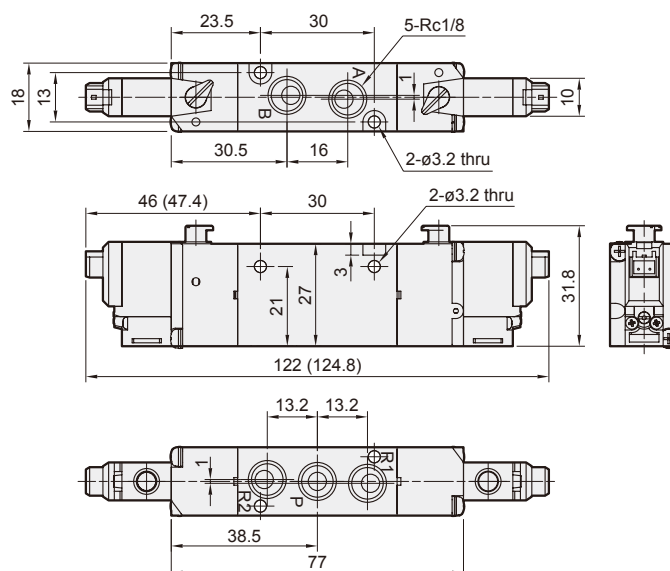
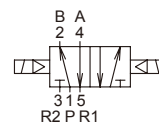
## SOLENOID VALVE



### MVSG-180-4E1



### MVSG-180-4E2

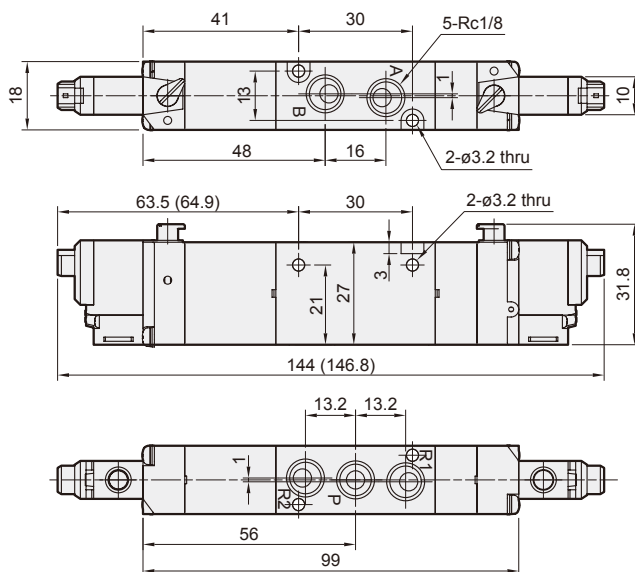
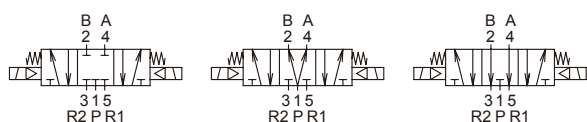


### MVSG-180-4E2C.PR

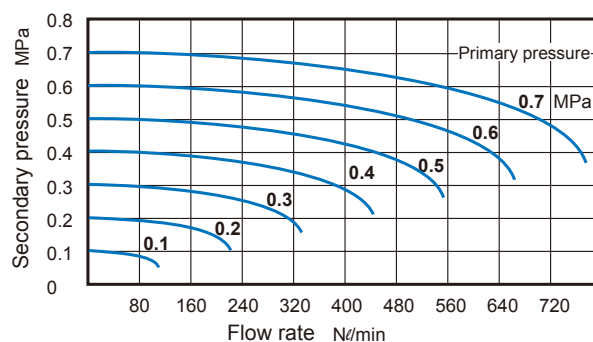
#### MVSG-180-4E2C

#### MVSG-180-4E2P

#### MVSG-180-4E2R



## Flow features



( ): Dimension for LJ plug type.

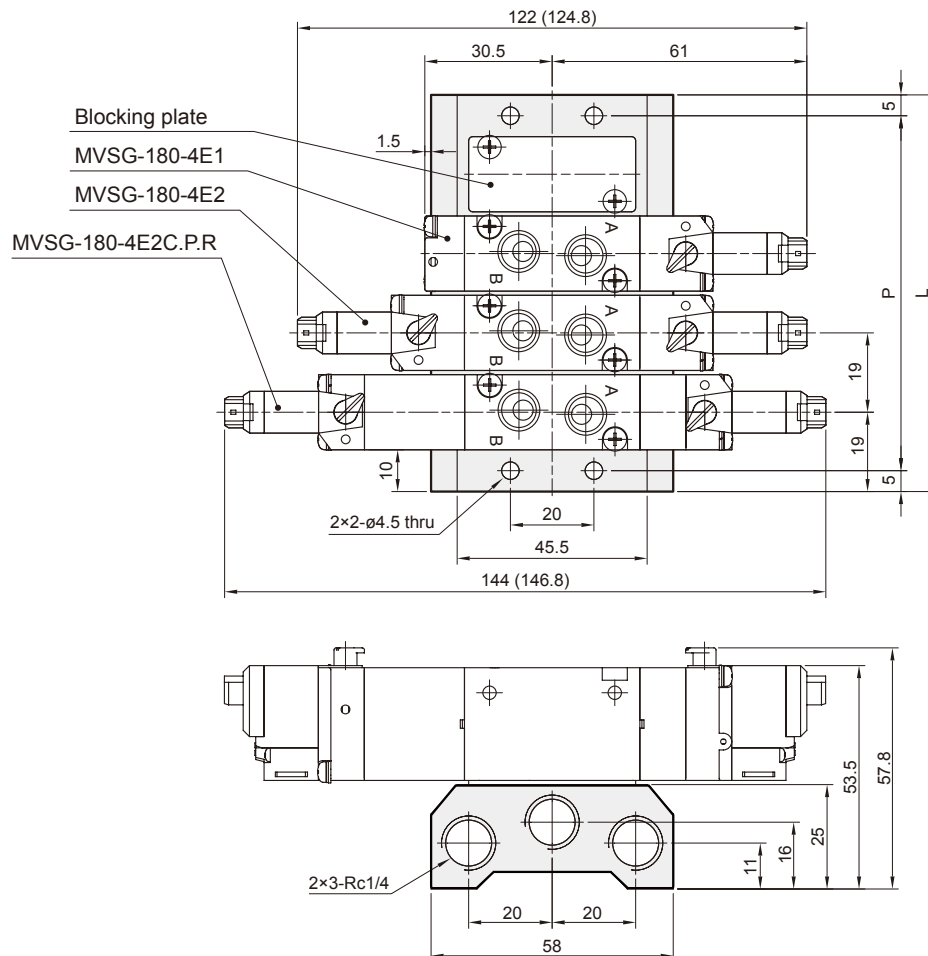
# MVSG-180 Manifold

## SOLENOID VALVE



### MVSG-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 |

( ): Dimension for LJ plug type.