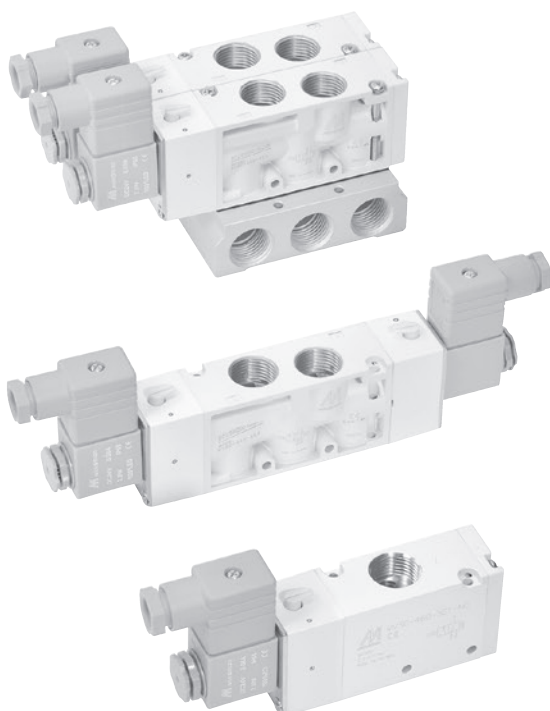


# MVSC-460 series

## SOLENOID VALVE



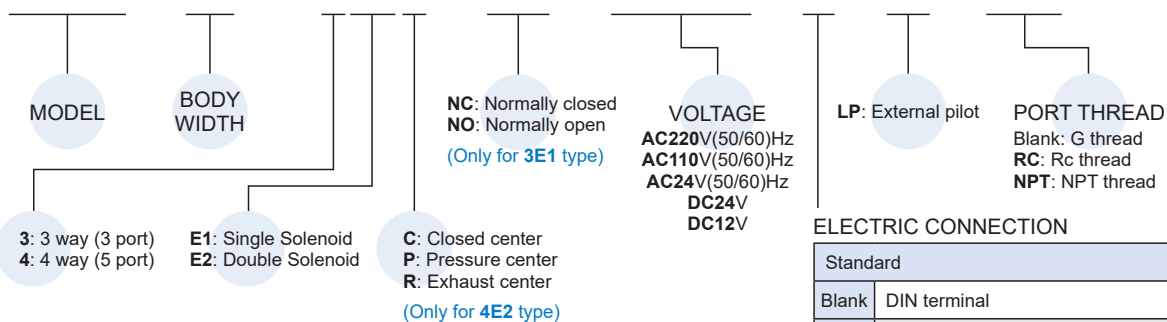
### Specification

| Model                     | 3E1                                     | 3E2                                           | 4E1                | 4E2         | 4E2 C.P.R          |
|---------------------------|-----------------------------------------|-----------------------------------------------|--------------------|-------------|--------------------|
| Bore No.                  | 15A                                     |                                               |                    |             |                    |
| Port size                 | 1/2                                     |                                               |                    |             |                    |
| No. of port               | 3                                       |                                               | 5                  |             |                    |
| No. of position           | 2                                       |                                               |                    | 3           |                    |
| Medium                    | Air                                     |                                               |                    |             |                    |
| Operating perssure range  | 0.2~0.8 MPa                             |                                               |                    | 0.3~0.8 MPa |                    |
| Operating pressue (LP)    | 0~0.8 MPa                               |                                               |                    |             |                    |
| Pilot pressure range (LP) | (0.34×P(*1)+0.1)~0.5 MPa                |                                               |                    |             |                    |
| Proof pressure            | 1 MPa                                   |                                               |                    |             |                    |
| Effective orifice         | 60 mm <sup>2</sup>                      |                                               | 50 mm <sup>2</sup> |             | 30 mm <sup>2</sup> |
| Reponse time              | 50 ms                                   |                                               |                    |             |                    |
| Ambient temperature       | -5~+50℃ (No freezing)                   |                                               |                    |             |                    |
| Voltage                   | AC110V, 220V, 24V (50/60)Hz, DC24V, 12V |                                               |                    |             |                    |
| Power consumption         | Standard                                | AC=4.8/4.4VA, 6/4.9VA, 6.7/5.4VA, DC=2W, 2.5W |                    |             |                    |
|                           | Power saving                            | DC24V=Start: 2W(*2) Power saving: 0.5W        |                    |             |                    |
| Available voltage range   | ±10%                                    |                                               |                    |             |                    |
| Insulation class          | F class                                 |                                               |                    |             |                    |
| Weight                    | 325 g                                   | 455 g                                         | 339 g              | 464 g       | 525 g              |

\* P: Operating pressure \*2. Power saving covert time 100ms.

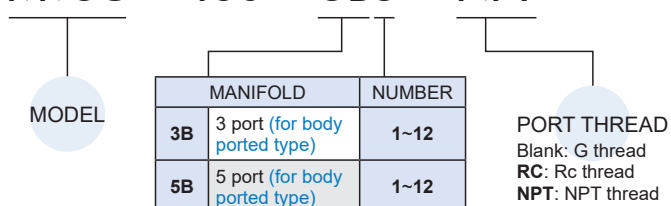
### Order example of valve

**MVSC — 460 — 4E2C — NC — AC110 — L — LP — NPT**



### Order example of manifold

**MVSC — 460 — 5B3 — NPT**



\* Starting from 11 stations, manifolds are made to order.

Table 1

### Property for explosion-proof type

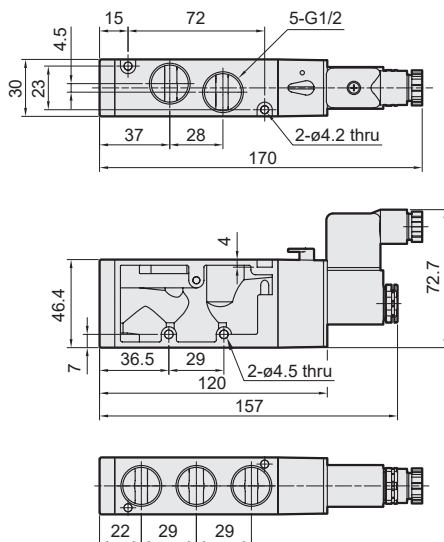
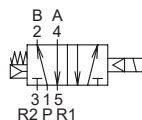
|                         |                                |
|-------------------------|--------------------------------|
| Anti-explosion class    | EEx m II T4                    |
| Voltage                 | AC110V. 220V.(50/60)Hz. DC24V. |
| Power consumption       | AC=4.4VA DC=5W              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

# MVSC-460 Dimensions

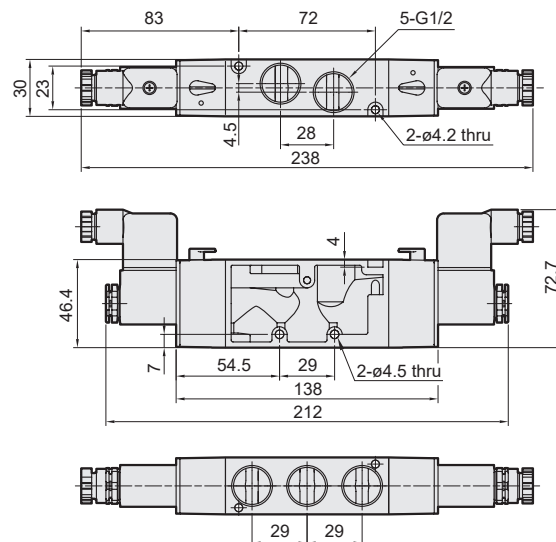
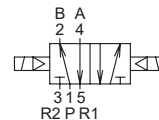
## SOLENOID VALVE



### MVSC-460-4E1



### MVSC-460-4E2

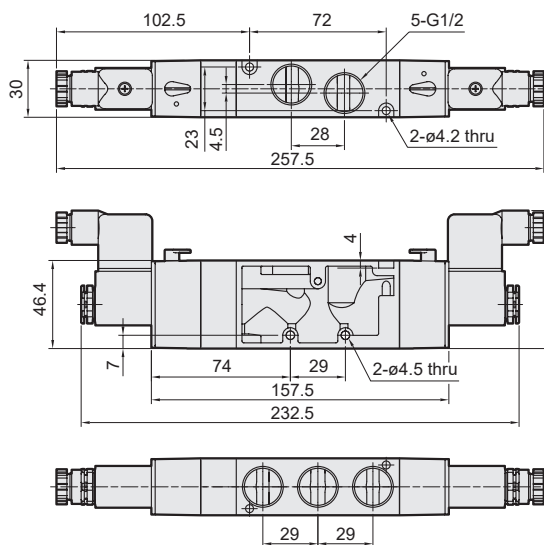
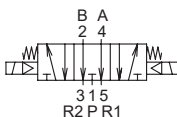
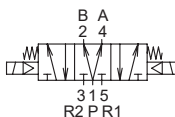
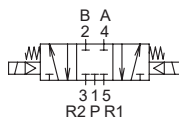


### MVSC-460-4E2C.P.R

#### MVSC-460-4E2C

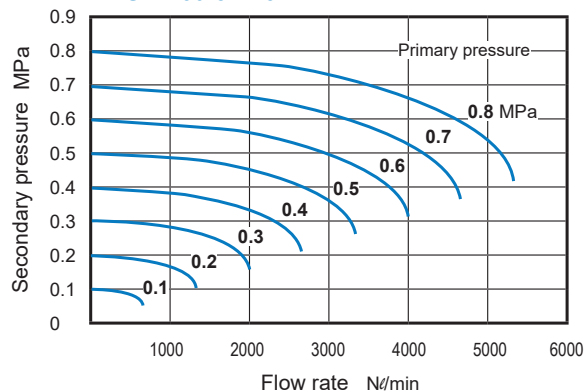
#### MVSC-460-4E2P

#### MVSC-460-4E2R

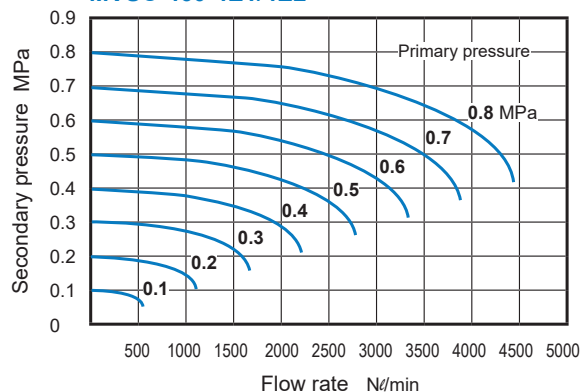


## Flow features

### MVSC-460-3E1/3E2



### MVSC-460-4E1/4E2

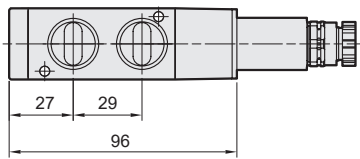
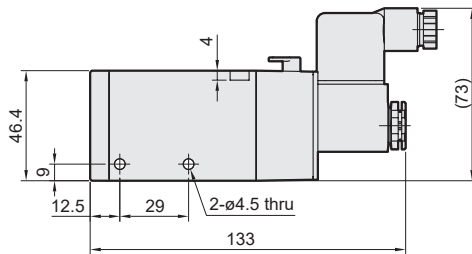
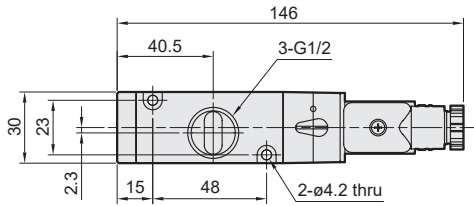
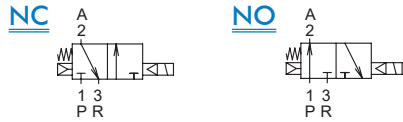


# MVSC-460 Dimensions

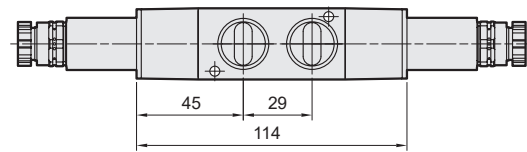
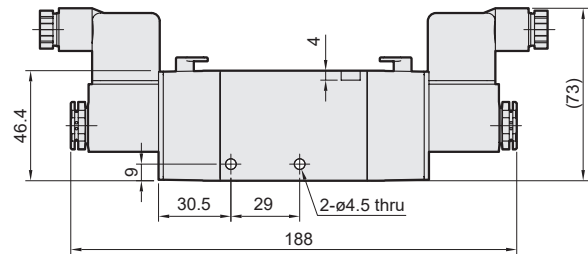
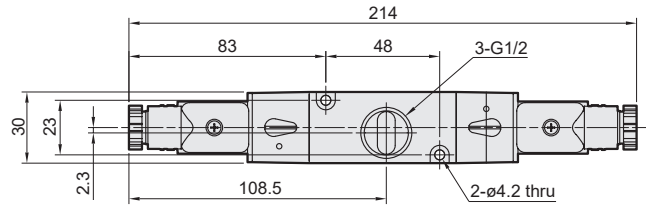
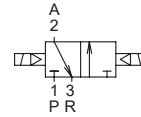
## SOLENOID VALVE



### MVSC-460-3E1-NC/NO



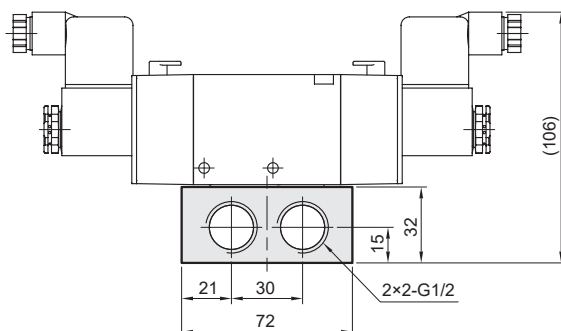
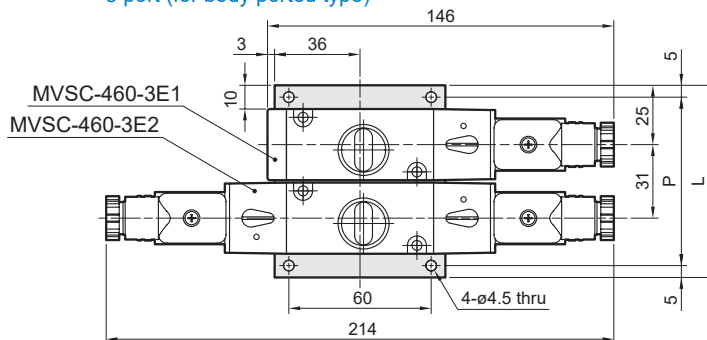
### MVSC-460-3E2



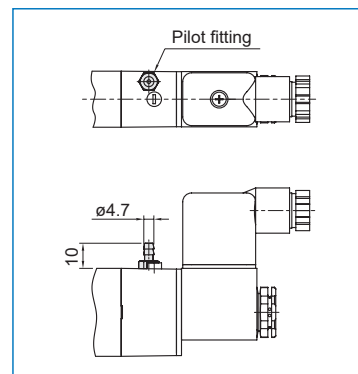
## Manifold of solenoid valve

### MVSC-460-3B\*

3 port (for body ported type)



### LP



| No. of stations | P   | L   |
|-----------------|-----|-----|
| 1               | 40  | 50  |
| 2               | 71  | 81  |
| 3               | 102 | 112 |
| 4               | 133 | 143 |
| 5               | 164 | 174 |
| 6               | 195 | 205 |
| 7               | 226 | 236 |
| 8               | 257 | 267 |
| 9               | 288 | 298 |
| 10              | 319 | 329 |

P: (No. of stations-1)×31+40  
L: (No. of stations-1)×31+50

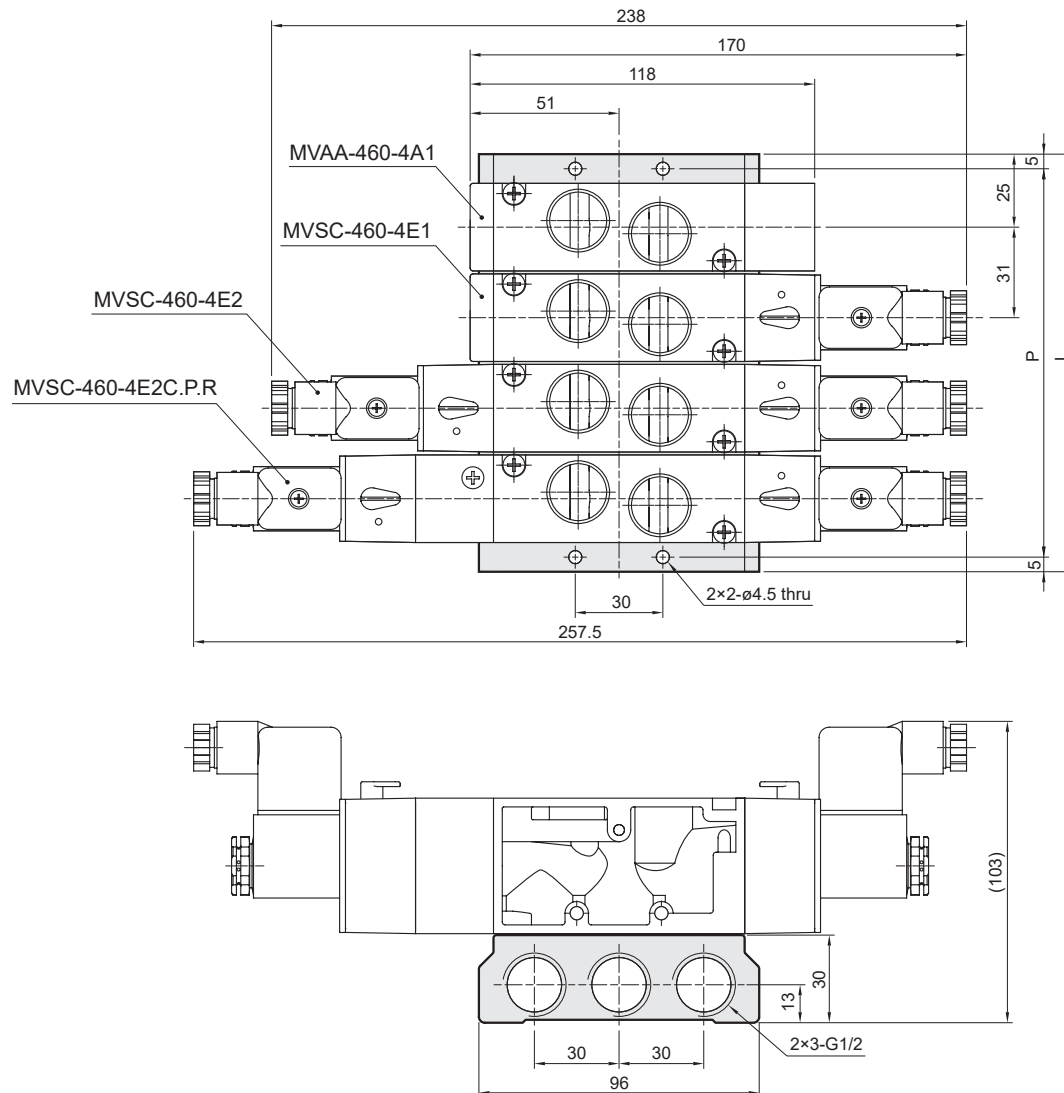
# MVSC-460 Manifold

## SOLENOID VALVE



### MVSC-460-5B\*

5 port (for body ported type)



| No. of stations | P   | L   |
|-----------------|-----|-----|
| 1               | 40  | 50  |
| 2               | 71  | 81  |
| 3               | 102 | 112 |
| 4               | 133 | 143 |
| 5               | 164 | 174 |
| 6               | 195 | 205 |
| 7               | 226 | 236 |
| 8               | 257 | 267 |
| 9               | 288 | 298 |
| 10              | 319 | 329 |

P: (No.of stations-1)×31+40

L: (No.of stations-1)×31+50