

# MVAA-260 series

## PILOT VALVE



Technical data



Caution for safety  
(Read before installing)



## Specification

| Model                    | 4A1                    | 4A2   | 4A2C.P.R |
|--------------------------|------------------------|-------|----------|
| Bore No.                 | 8A                     |       |          |
| Port size                | 1/4                    |       |          |
| No. of port              | 5                      |       |          |
| Medium                   | Air                    |       |          |
| Operating pressure range | 0~0.8 MPa              |       |          |
| Proof pressure           | 1 MPa                  |       |          |
| Effective orifice        | 18 mm <sup>2</sup>     |       |          |
| Pilot pressure range     | (0.3×P*+0.1)~0.8 MPa   |       |          |
| Ambient temperature      | -5~+60°C (No freezing) |       |          |
| Weight                   | 153 g                  | 163 g | 219 g    |

\* P: Operating pressure.

## Order example of valve

**MVAA – 260 – 4A2C – G**

MODEL

BODY WIDTH

4: 4way  
(5 port)

C: Closed center  
P: Pressure center  
R: Exhaust center  
(Only for 4A2 type)

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

A1: Single pilot  
A2: Double pilot

## Order example of manifold

**MVSC – 260 – 5B3 – G**

MODEL

MANIFOLD

5B: 5 port  
(for body ported type)

MANIFOLD NUMBER

1~20

PORT THREAD

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

\* Use the same manifold with MVSC.

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

\* Use the same blocking plate with MVSC.

## Order example of blocking plate

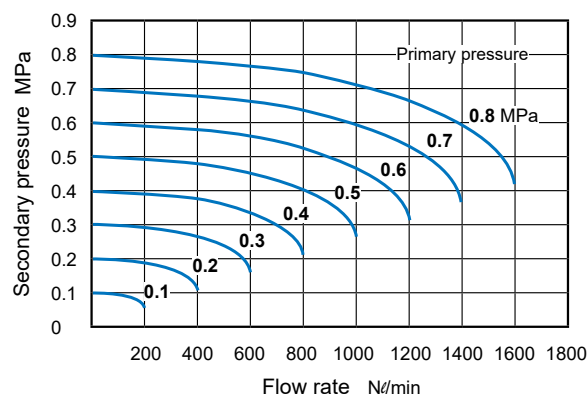
**MVSC – 260 – 5P**

MODEL

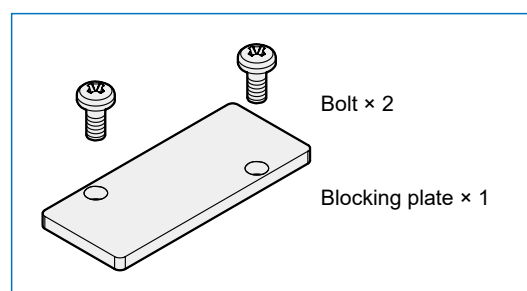
BLOCKING PLATE

5P: for 5 port

## Flow features



## Blocking plate parts

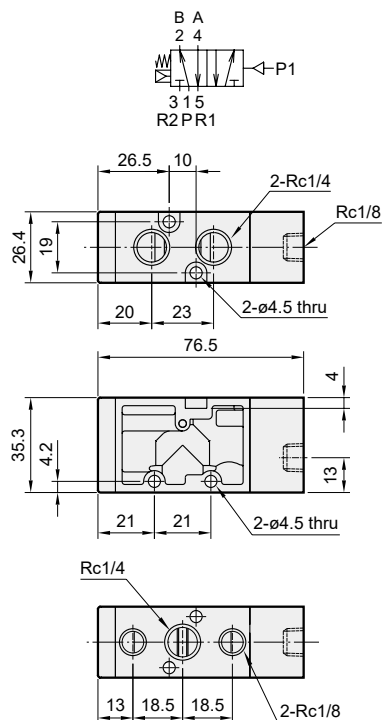


# MVAA-260 Dimensions

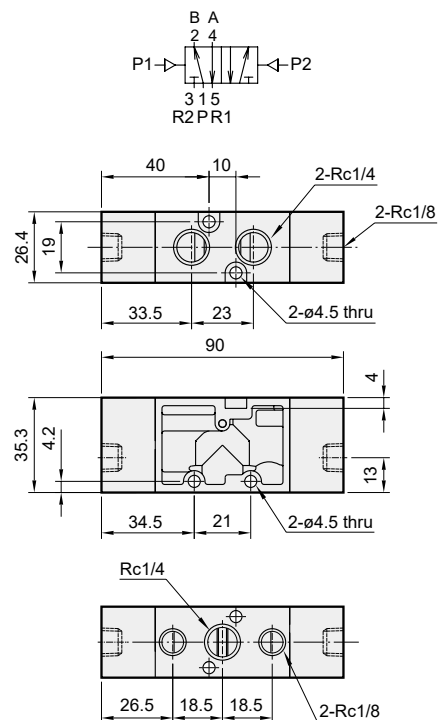
PILOT VALVE



## MVAA-260-4A1



## MVAA-260-4A2

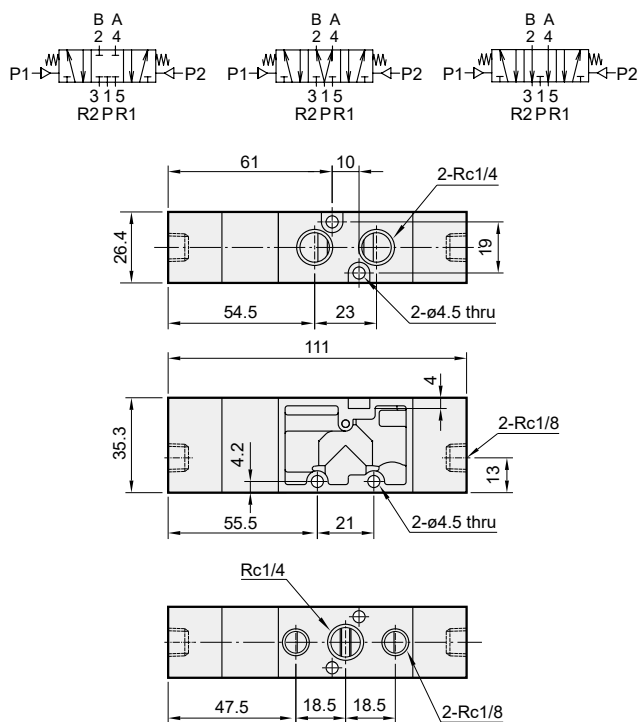


## MVAA-260-4A2C.PR

### MVAA-260-4A2C

### MVAA-260-4A2P

### MVAA-260-4A2R



# MVAA-260 Manifold

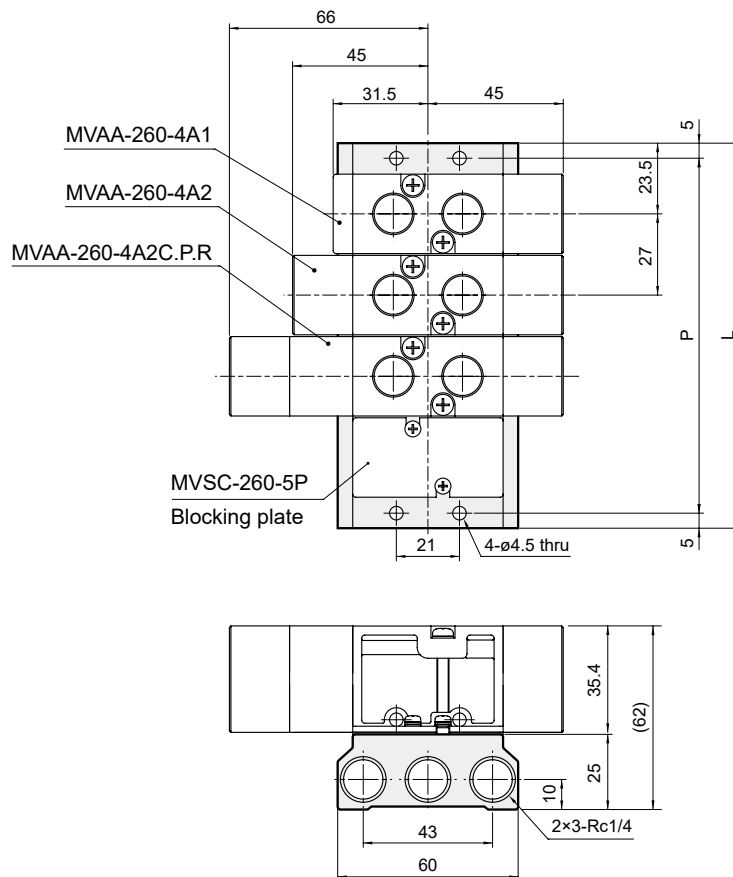
## PILOT VALVE



### MVSC-260-5B\*

\* Use the same manifold with MVSC.

5 port (for body ported type)



| No. of stations | P   | L   |
|-----------------|-----|-----|
| 1               | 37  | 47  |
| 2               | 64  | 74  |
| 3               | 91  | 101 |
| 4               | 118 | 128 |
| 5               | 145 | 155 |
| 6               | 172 | 182 |
| 7               | 199 | 209 |
| 8               | 226 | 236 |
| 9               | 253 | 263 |
| 10              | 280 | 290 |

P: (No.of stations-1)×27+37

L: (No.of stations-1)×27+47