

MVSD1-180 series

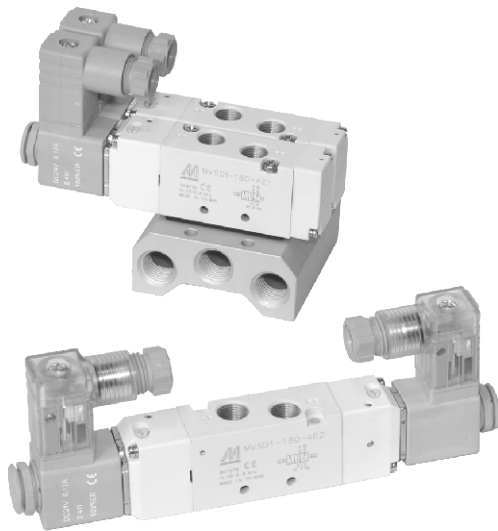
SOLENOID VALVE



Mindman

Specification

Model	4E1	4E2	4E2C.P.R
Bore No.	6A		
Port size	Rc1/8		
No. of port	5		
No. of position	2	3	
Medium	Air		
Operating pressure range	0.15~0.8 MPa	0.2~0.7 MPa	
Operating pressure (LP)	0~0.8 MPa	0~0.7 MPa	
External pilot pressure (LP)	0.15~0.8 MPa	0.2~0.7 MPa	
Proof pressure	1 MPa		
Effective orifice	12 mm ²	9 mm ²	
Response time	30 ms		
Ambient temperature	-5~+50°C (No freezing)		
Voltage	AC110V, 220V (50/60)Hz, DC24V		
Power consumption	AC=3.7/ 3.1VA, DC=2.9W		
Available voltage range	±10%		
Insulation class	F class		
Weight	124 g	176 g	190 g



Order example of valve

MVSD1 – 180 – 4E2C – AC110 – L – LP – G

MODEL

BODY WIDTH

VOLTAGE

LP: External pilot

PORT THREAD

4: 4 way(5 port)

E1: Single Solenoid
E2: Double Solenoid

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

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

Blank: DIN connector
L: DIN connector with LED indicator
W: Lead wire

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

Order example of manifold

MVSD1 – 180 – 5B3 – G

MODEL

MANIFOLD

MANIFOLD NUMBER

PORT THREAD

5B: 5 port (for body ported type)

1, 2, 3...

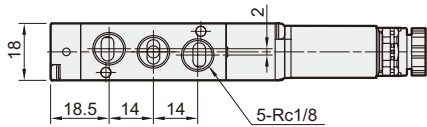
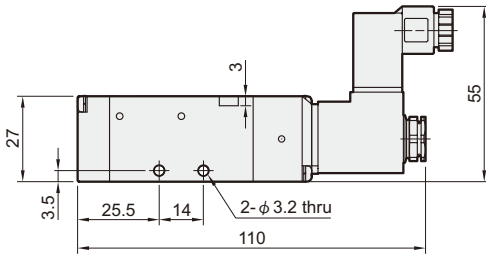
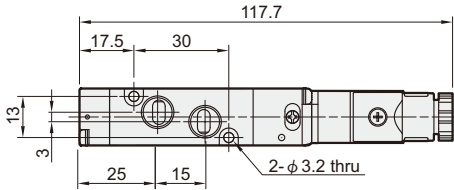
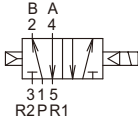
Blank: Rc thread
G: G thread
NPT: NPT thread

MVSD1-180 Dimensions

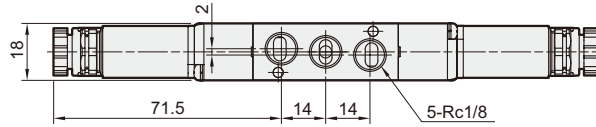
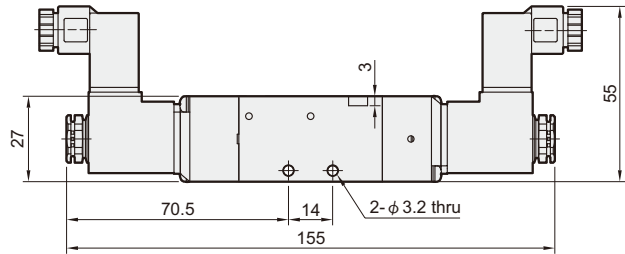
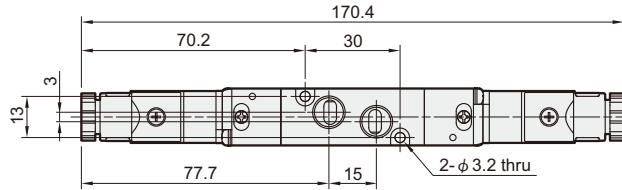
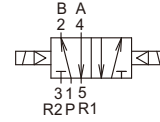
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MVSD1-180-4E1

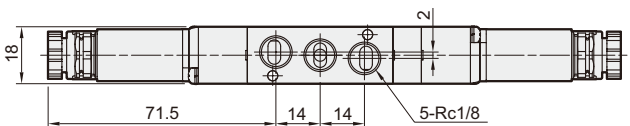
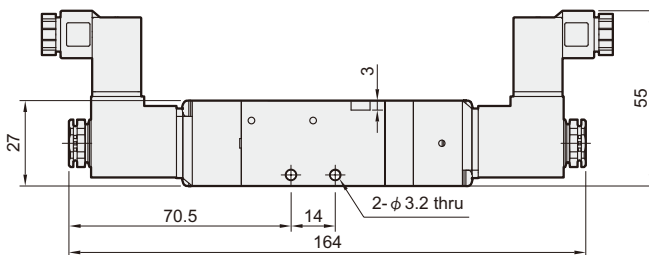
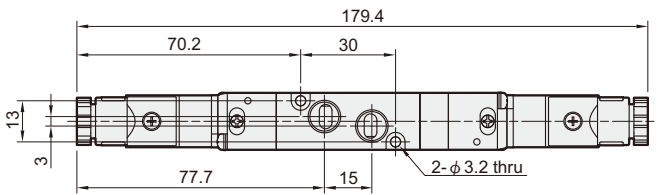
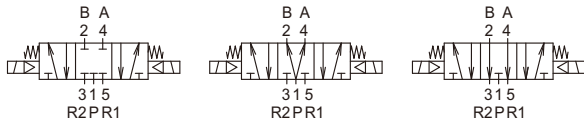


MVSD1-180-4E2

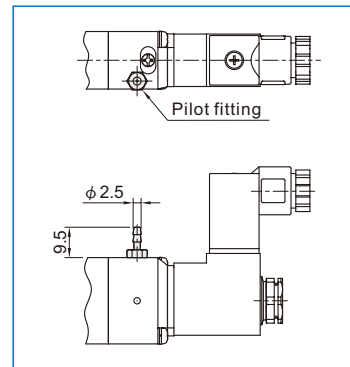


MVSD1-180-4E2C.PR

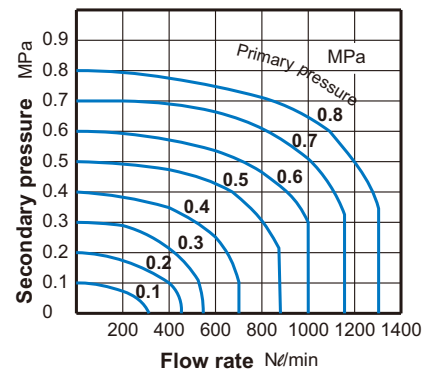
MVSD1-180-4E2C MVSD1-180-4E2P MVSD1-180-4E2R



LP



Flow features



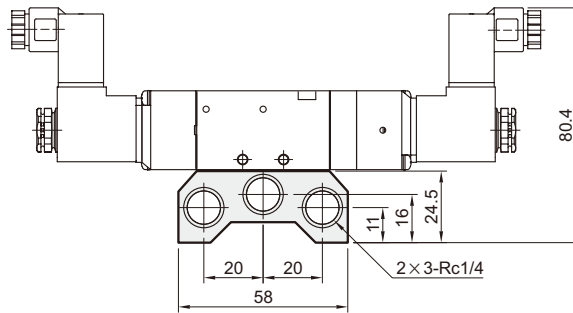
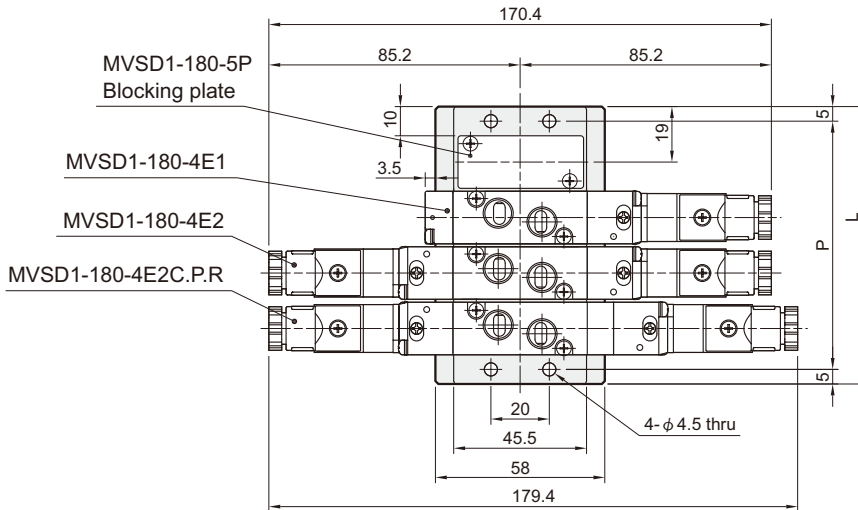
MVSD1-180 Manifold

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MVSD1-180-5B*

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