

MVSP-156 series

SOLENOID VALVE



Features



Selection table



Blocking plate



Technical data



Caution for safety
(Read before installing)



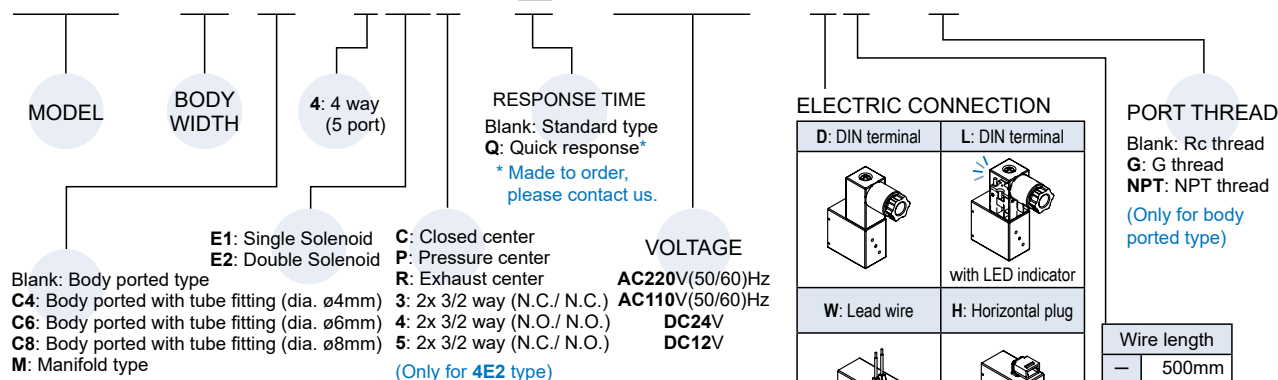
Specification

Model		4E1	4E2	4E2 C.P.R	4E2 3.4.5
Port size		1/8			
No. of port / position		5 / 2		5 / 3	5 / 4
Medium		Air			
Operating pressure range		0.15~0.7 MPa		0.2~0.7 MPa	
Proof pressure		1 MPa			
Effective orifice	Body ported	11 mm ²		9.5 / 14.6 / 9.5 mm ²	11 mm ²
	Manifold	10 mm ²		7.5 / 13 / 8 mm ²	10 mm ²
Response time	Standard	AC<36ms, DC<23ms		AC<46ms, DC<25ms	AC<36ms, DC<23ms
	Quick response*	AC<32ms, DC<20ms		AC<40ms, DC<22ms	AC<32ms, DC<20ms
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 (g)	Valve	83	118	127	118
	Manifold	5B: 42n+70, 5M: 85n+132 (n: Stations)			

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

Order example of valve

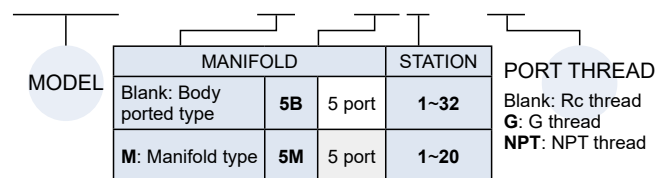
MVSP - 156M - 4E2C - □ - AC110 - H1 - G



Order example of manifold

* Use the same manifold with MVSy.

MVSy - 156M - 5B3 - G

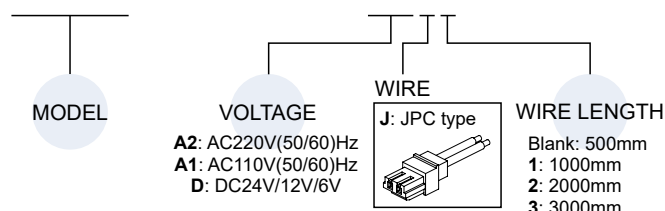


* Starting from 11 stations, manifolds are made to order.

Order example of wire

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

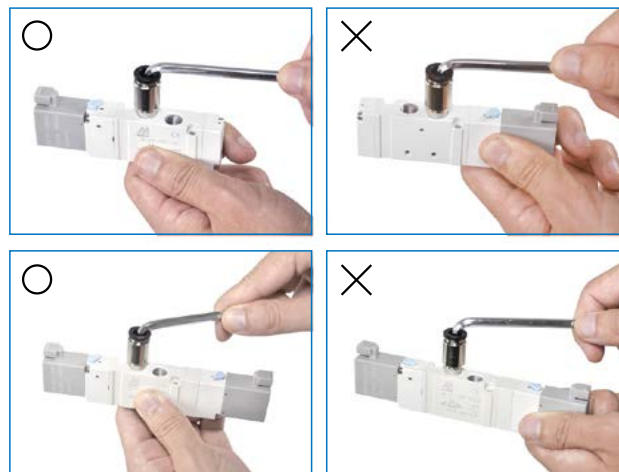
MVDY - 100 - WA2J2



Caution

Prohibit apply force to coil when tighten the tube fitting.

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

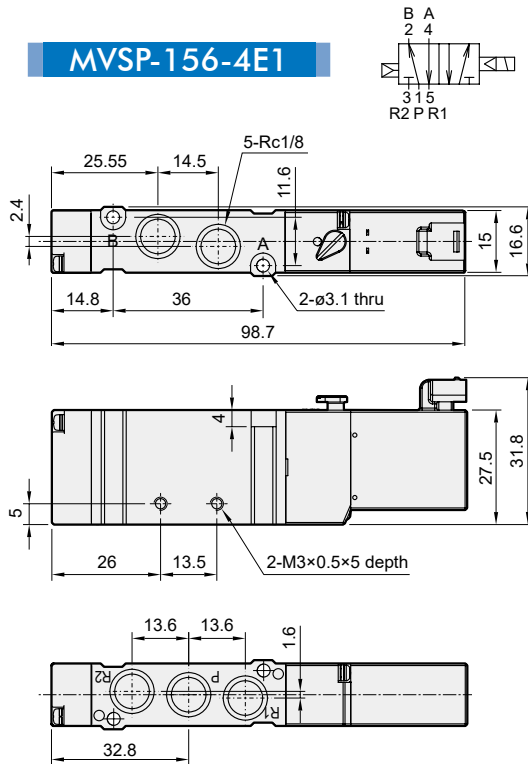


MVSP-156 Dimensions

SOLENOID VALVE



MVSP-156-4E1

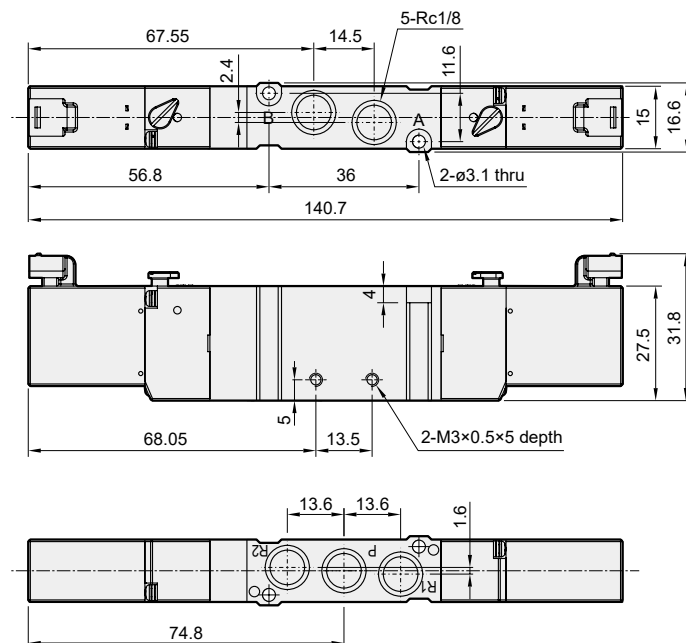
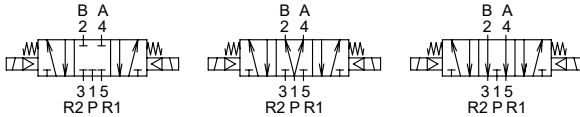


MVSP-156-4E2C.P.R

MVSP-156-4E2C

MVSP-156-4E2P

MVSP-156-4E2R



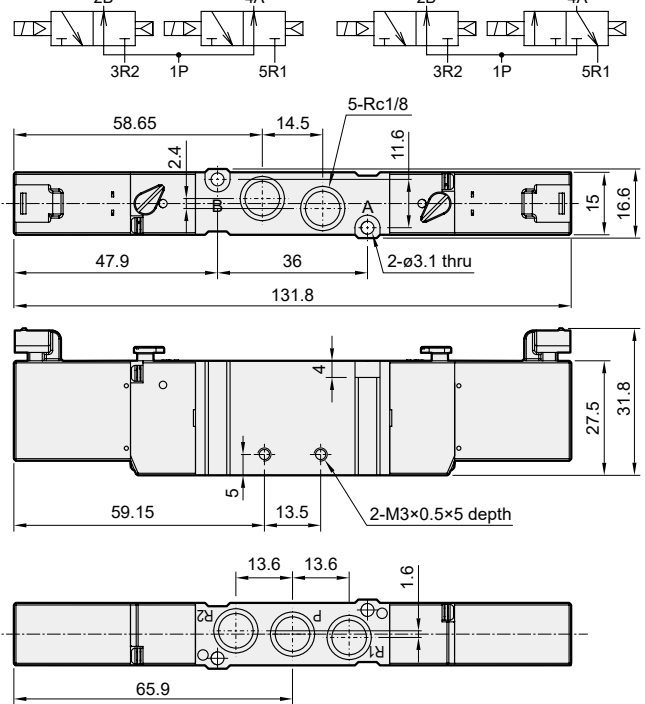
MVSP-156-4E2 3.4.5

MVSP-156-4E2

MVSP-156-4E23

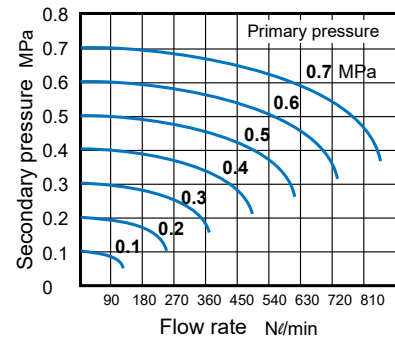
MVSP-156-4E24

MVSP-156-4E25

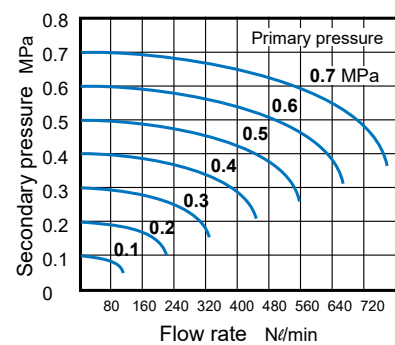


Flow features

MVSP-156-4E1/4E2



MVSP-156M-4E1/4E2

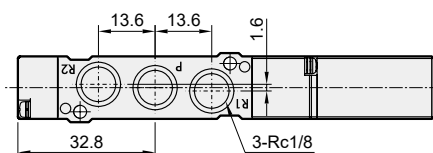
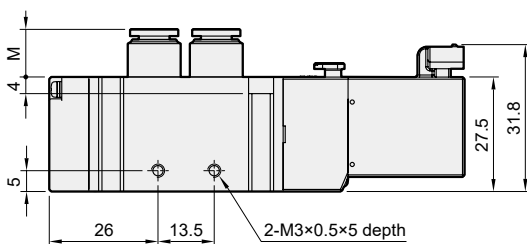
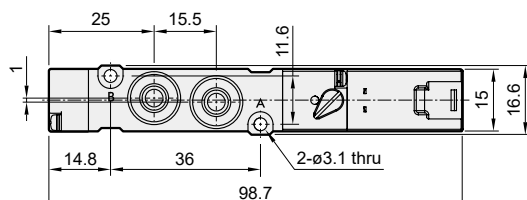
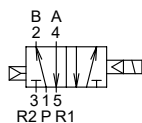


MVSP-156 Dimensions

SOLENOID VALVE



MVSP-156C*-4E1

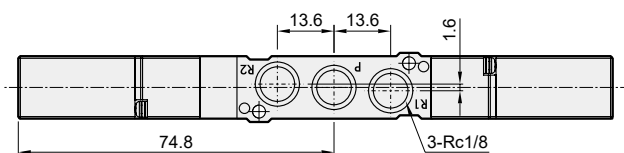
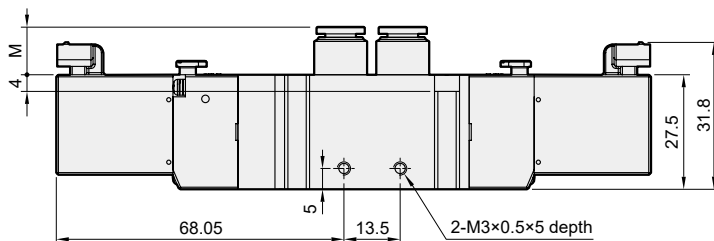
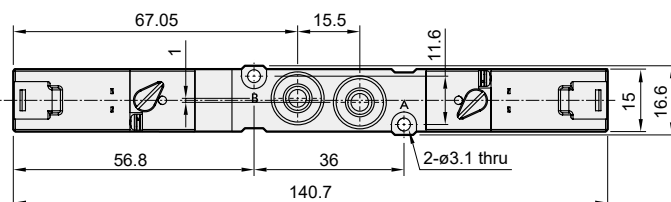
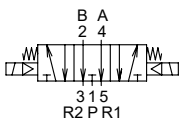
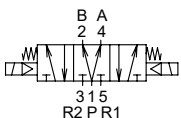
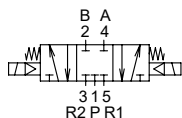


MVSP-156C*-4E2C.PR

MVSP-156-4E2C

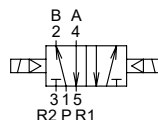
MVSP-156-4E2P

MVSP-156-4E2R

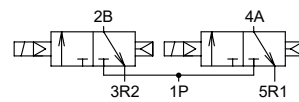


MVSP-156C*-4E2 3.4.5

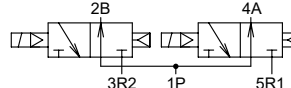
MVSP-156-4E2



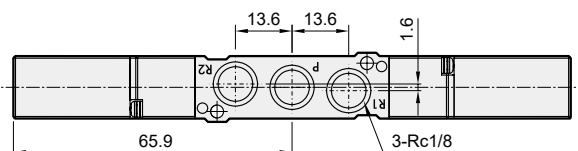
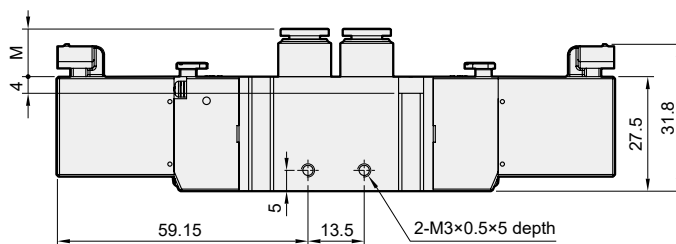
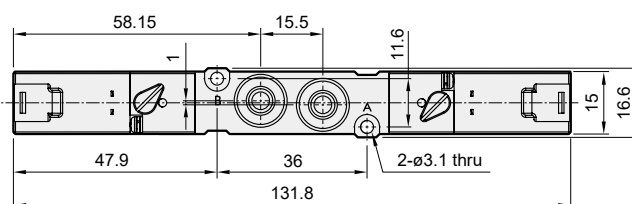
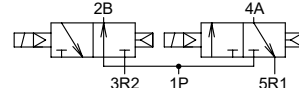
MVSP-156-4E23



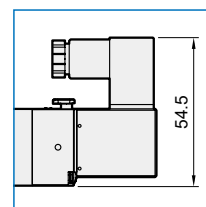
MVSP-156-4E24



MVSP-156-4E25



DIN terminal /
DIN terminal with LED
indicator



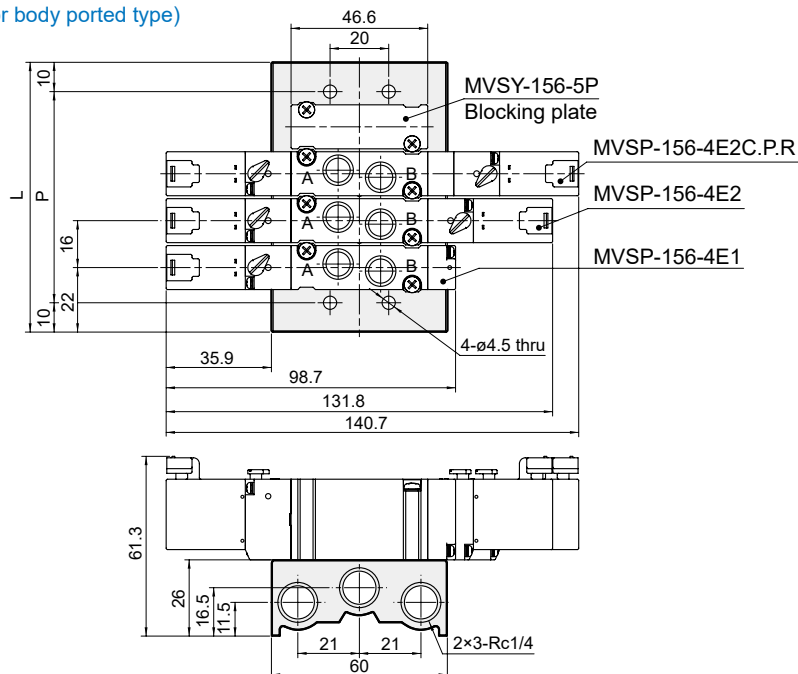
Code Tube fitting	M
C4 (ø4)	(13.8)
C6 (ø6)	(14.7)
C8 (ø8)	(19.3)

SOLENOID VALVE



MVSY-156-5B*

5 port (for body ported type)



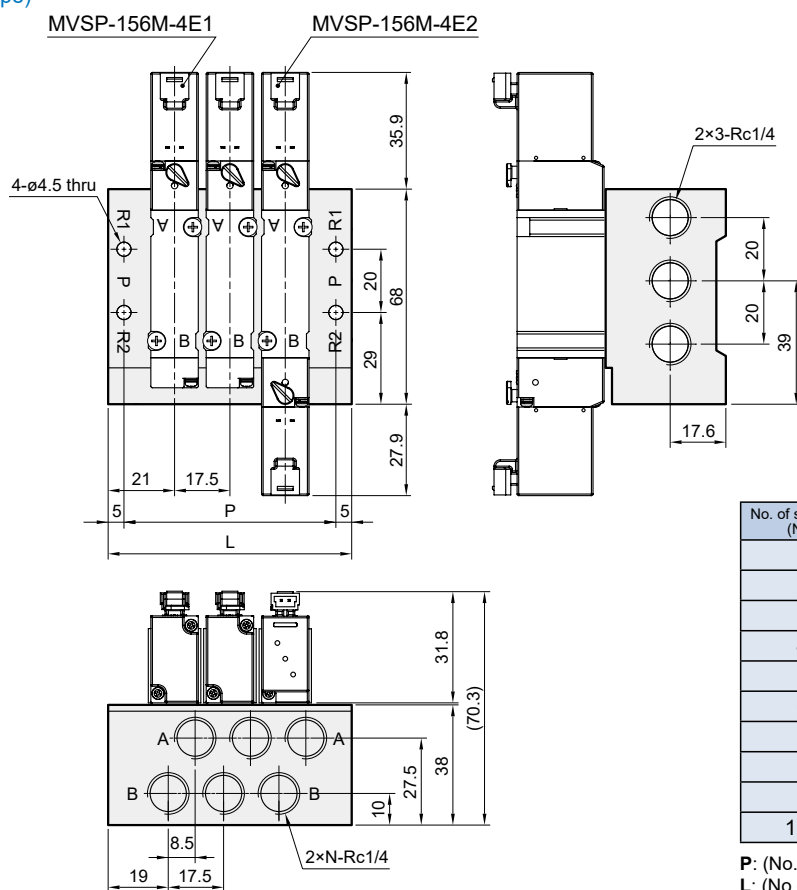
No. of stations	P	L
1	24	44
2	40	60
3	56	76
4	72	92
5	88	108
6	104	124
7	120	140
8	136	156
9	152	172
10	168	188

P: (No.of stations-1)×16+24

L: (No.of stations-1)×16+44

MVSY-156M-5M*

5 port (for manifold type)



No. of stations (N)	P	L
1	32	42
2	49.5	59.5
3	67	77
4	84.5	94.5
5	102	112
6	119.5	129.5
7	137	147
8	154.5	164.5
9	172	182
10	189.5	199.5

P: (No.of stations-1)×17.5+32

L: (No.of stations-1)×17.5+42

MVSP-156 Mounting bracket & Spacer assembly

SOLENOID VALVE



mindman

Order example of bracket

* Use the same bracket with MVSYS.

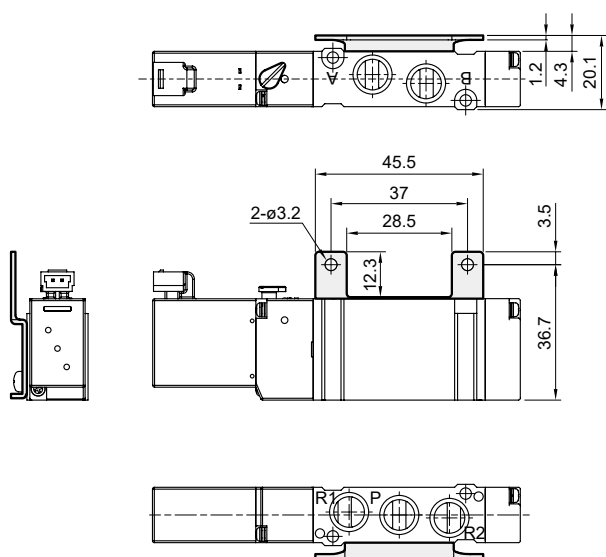
MVSYS — 156 — 1A

MODEL

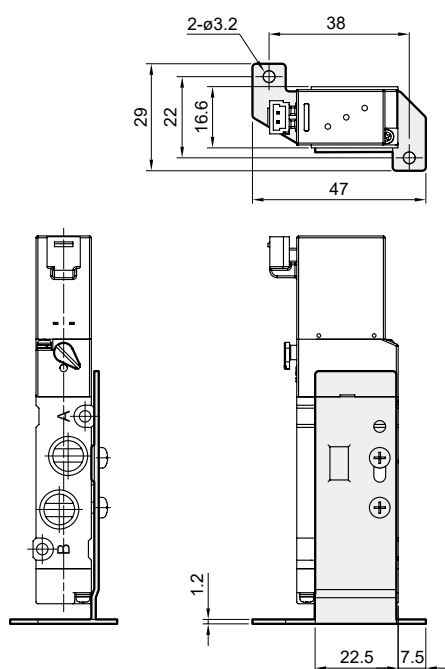
MOUNTING BRACKET

1A
2A

MVSYS-156-1A



MVSYS-156-2A



Order example of spacer assembly

* Use the same spacer assembly with MVSYS.

MVSYS — 156M — 5BP

MODEL

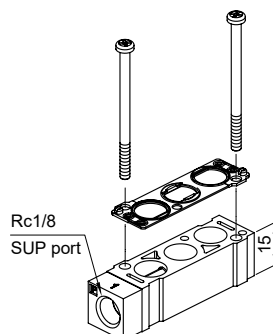
5B: 5 Port (for body ported type)
5M: 5 Port (for Manifold type)

SPACER
ASSEMBLY

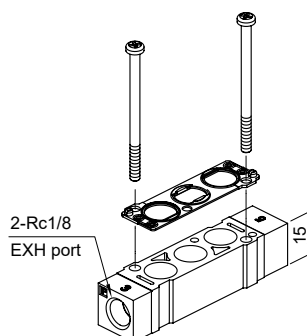
Blank: Body ported type
M: Manifold type

P: Individual SUP spacer assembly
R: Individual EXH spacer assembly
PR: Individual SUP spacer assembly+
Individual EXH spacer assembly

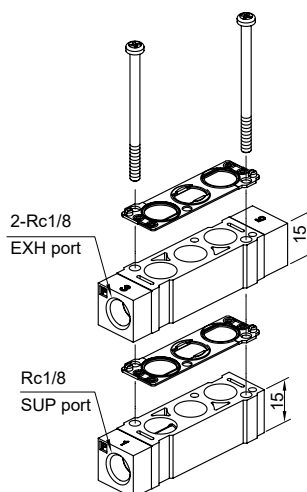
MVSYS-156-5BP



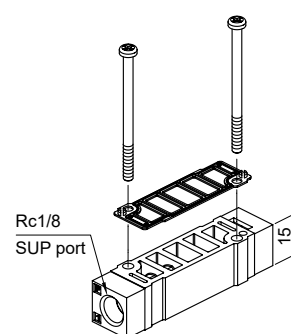
MVSYS-156-5BR



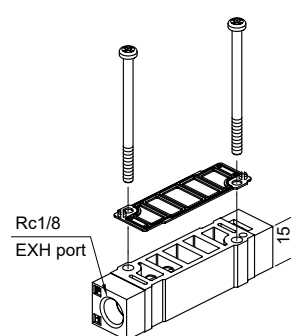
MVSYS-156-5BPR



MVSYS-156M-5MP



MVSYS-156M-5MR



MVSYS-156M-5MPR

