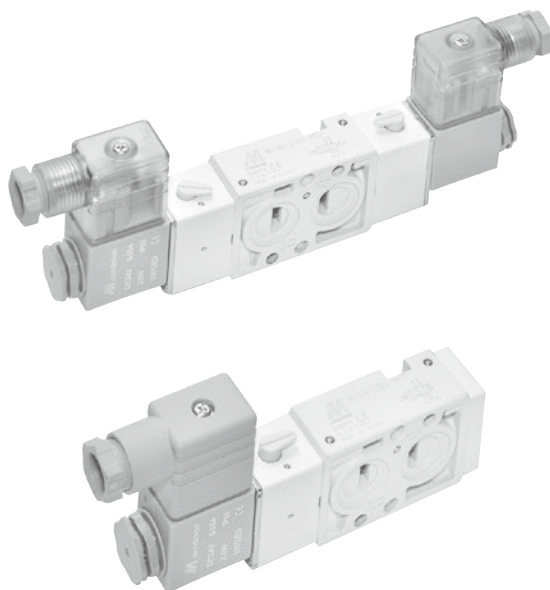


MVSN-220 series

NAMUR SOLENOID VALVE



Specification

Model	4E1	4E2
Bore No.	6A, 8A	
Port size	G1/8, G1/4	
No. of port	5	
No. of position	2	
Medium	Air	
Operating pressure range	0.2~0.8 MPa	
Proof pressure	1 MPa	
Effective orifice	18 mm ²	
Response time	38 ms	
Ambient temperature	-5~+50°C (No freezing)	
Voltage	AC110V, 220V (50/60)Hz, AC/DC24V	
Power consumption	AC=4.8/4.4VA, 6/4.9VA, DC=2W	
Available voltage range	±10%	
Insulation class	F class	
Weight (Explosion-proof)	233 g (441 g)	343 g (761 g)

Order example of valve

MVSN — 220 — 4E2 — 8A — AC110 — L

MODEL

BODY WIDTH

BORE SIZE

6A: G1/8
8A: G1/4

VOLTAGE

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

ELECTRIC CONNECTION

Blank: DIN terminal
L: DIN terminal with LED indicator
E: Explosion protection (Table 1)
(E type use black coil)

4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

Order example of adapter

MVSN — 300 — A

MODEL

ADAPTER

* Use the same adapter with MVSN-300.

Order example of cylinder link seats

MVSN — 300 — C

MODEL

CYLINDER LINK SEATS

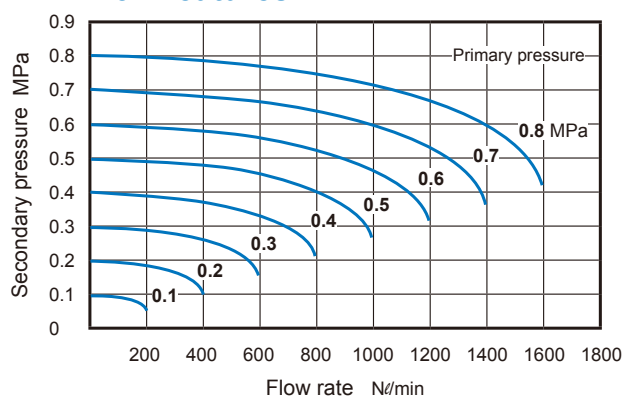
* Use the same link seats with MVSN-300.

Table 1

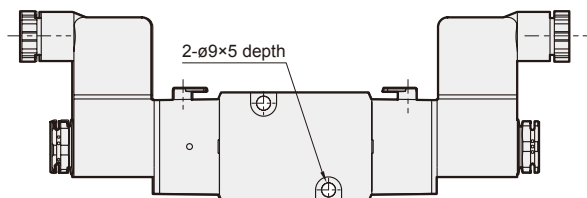
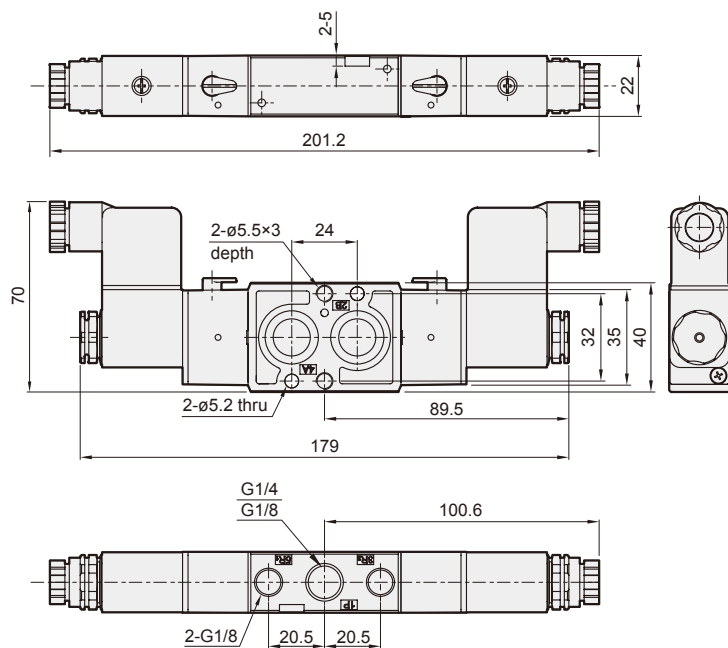
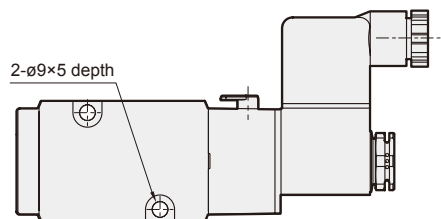
Property for explosion-proof type

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

Flow features

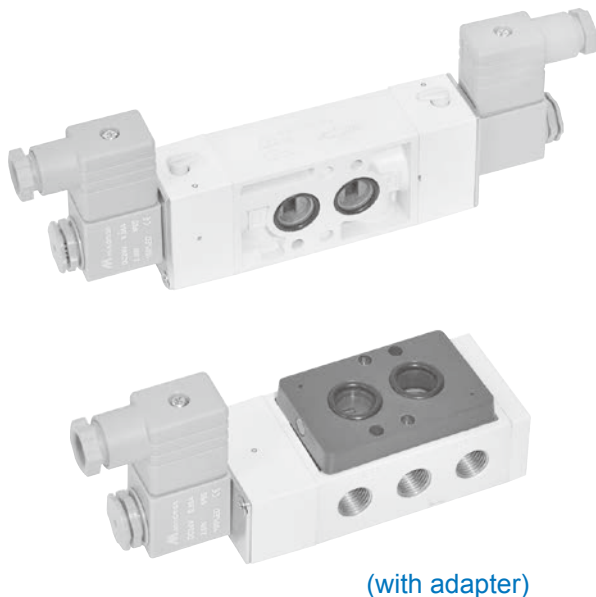


NAMUR SOLENOID VALVE



MVSN-300 series

NAMUR SOLENOID VALVE



(with adapter)

Specification

Model	4E1	4E2	4E2 C.P.R
Bore No.	8A		
Port size	G1/4		
No. of port	5		
No. of position	2	3	
Medium	Air		
Operating perssure range	0.2~0.8 MPa		0.3~0.8 MPa
Proof pressure	1 MPa		
Effective orifice	35 mm ²		30 mm ²
Reponse time	50 ms		
Ambient temperature	-5~+50°C (No freezing)		
Voltage	AC110V, 220V (50/60)Hz, DC24V		
Power consumption	AC=4.8/4.4VA, 6/4.9VA, DC=2W		
Available voltage range	±10%		
Insulation class	F class		
Weight	422 g	507 g	764 g

* Port thread Rc. NPT. are also available.

Order example of valve

MVSN — 300 — 4E2C — AC110 — L

MODEL

BODY WIDTH

VOLTAGE

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

4: 4 way (5 port)

E1: Single Solenoid
E2: Double Solenoid

C: Closed center
P: Pressure center
R: Exhaust center

(Only for 4E2 type)

ELECTRIC CONNECTION

Blank: DIN terminal
L: DIN terminal with LED indicator
E: Explosion protection (Table 1)

(E type use black coil)

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

Order example of adapter

MVSN — 300 — A

MODEL

ADAPTER

Order example of cylinder link seats

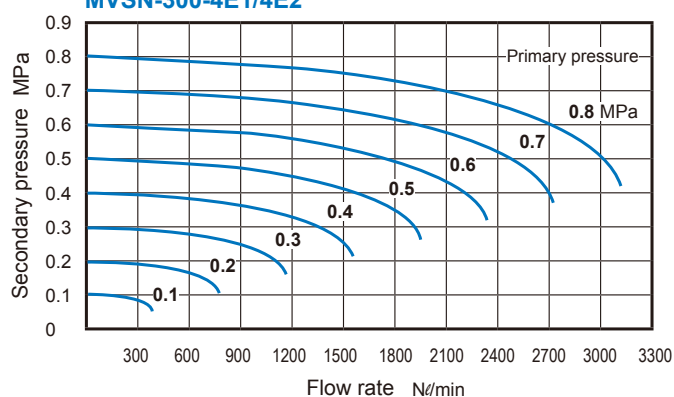
MVSN — 300 — C

MODEL

CYLINDER LINK SEATS

Flow features

MVSN-300-4E1/4E2



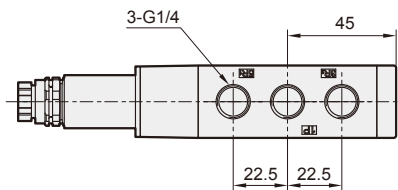
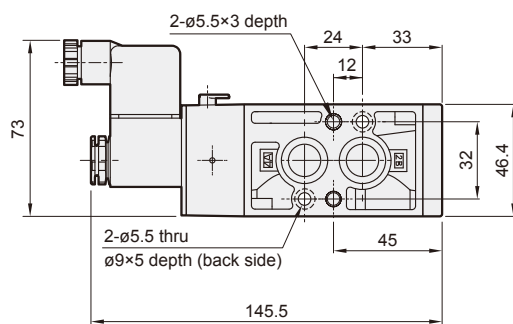
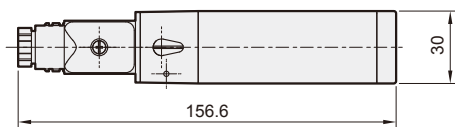
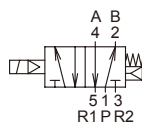
MVSN-300 Dimensions

NAMUR SOLENOID VALVE

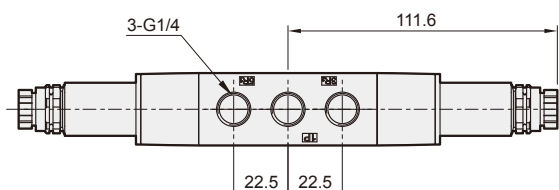
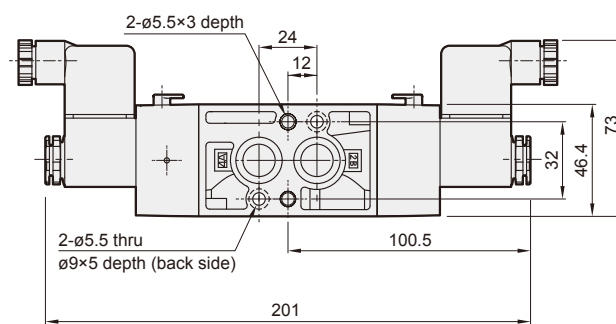
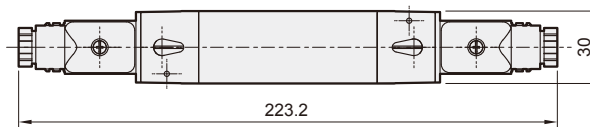
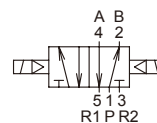


Mindman

MVSN-300-4E1



MVSN-300-4E2

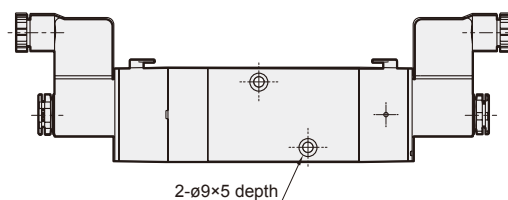
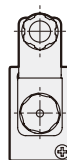
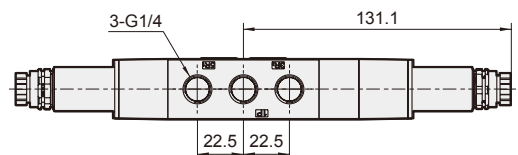
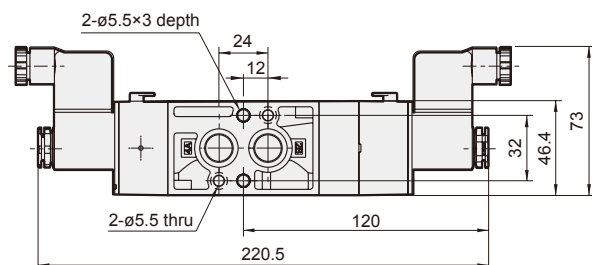
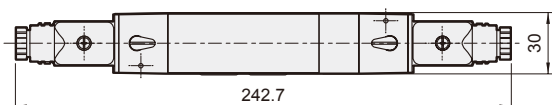
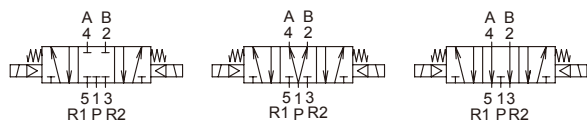


MVSN-300-4E2C.P.R

MVSN-300-4E2C

MVSN-300-4E2P

MVSN-300-4E2R

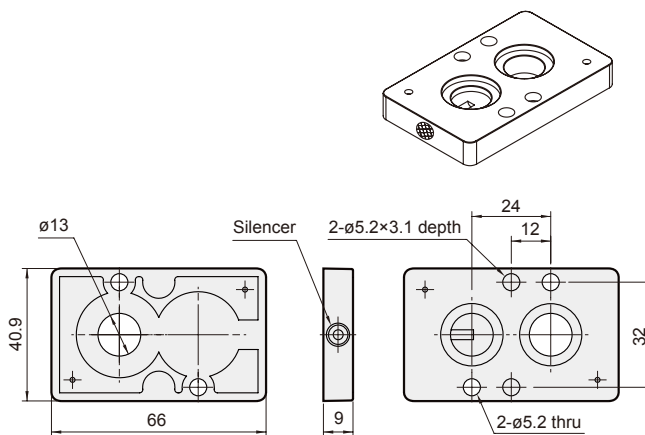
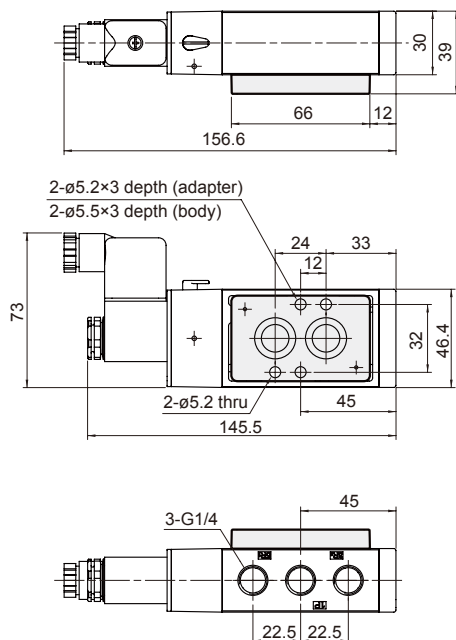


MVSN Adapter / Cylinder link seats

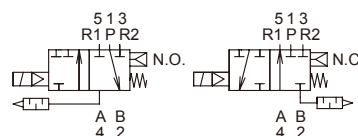
NAMUR SOLENOID VALVE



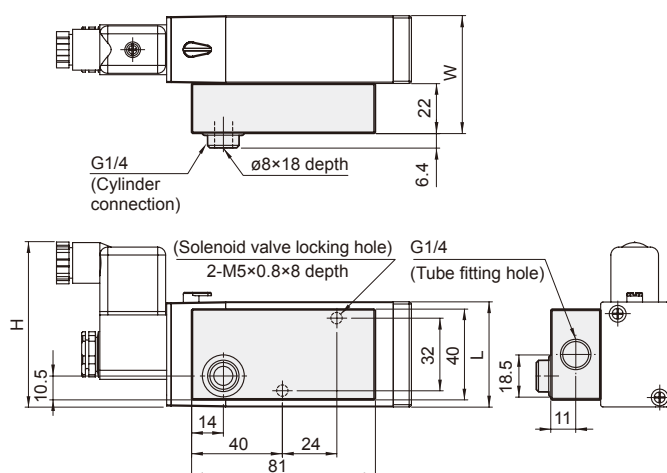
MVSN-300-A



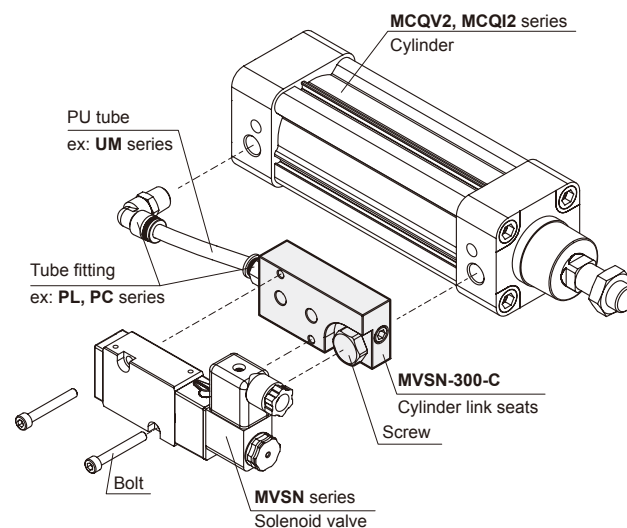
- Solenoid valve without plate: 5/2 single acting
- Solenoid valve with plate: 3/2 single acting
- Silencer on the OPPOSITE side of the solenoid: NC
- Silencer on the SAME side of the solenoid: NO



MVSN-300-C



Mounting of cylinder link seats



Code Model	H	W	L	Cylinder type
MVSN-220	70	44.3	40	MCQV2 ø40, ø50
MVSN-300	73	52	46.4	MCQI2 ø40, ø50