

MVSN-300 series

NAMUR SOLENOID VALVE



Mindman



Selection table



Technical data



Caution for safety
(Read before installing)



(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 pressure 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℃ (No freezing)		
Voltage	AC110V, 220V (50/60)Hz, DC24V		
Power consumption	Standard	AC=4.8/4.4VA, 6/4.9VA, DC=2W	
	Power saving	DC=Start: 2W(*1) Power saving: 0.5W	
Available voltage range	±10%		
Insulation class	F class		
Weight	422 g	507 g	764 g

*1. Power saving covert time 100ms.

*2. 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

Standard	
Blank	DIN terminal
L	DIN terminal with LED indicator
E	Explosion protection (Table 1)(Black coil)
Power saving (for DC24V)	
KL	DIN terminal with LED indicator

Table 1

Property for explosion-proof type

Anti-explosion class	Ex mb IIC T4 Gb
Voltage	AC110V / 220V(50/60)Hz, DC24V
Power consumption	AC110V=4.5VA, AC220V=4.8VA, DC=5W
Available voltage range	±10%
Insulation class	F class
Wire length	3 m

Order example of adapter

MVSN — 300 — A

MODEL

ADAPTER

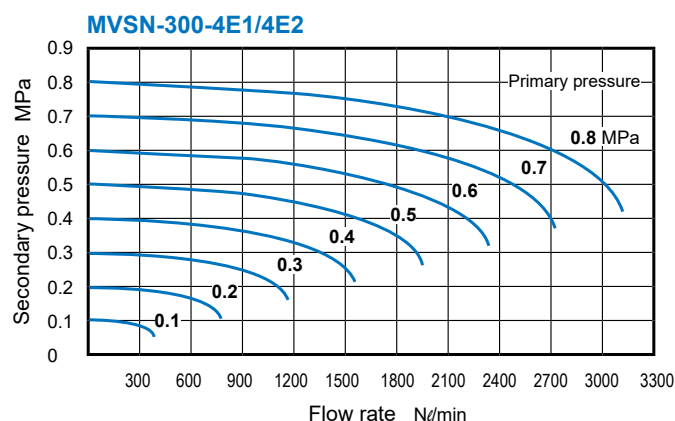
Order example of cylinder link seats

MVSN — 300 — C

MODEL

CYLINDER LINK SEATS

Flow features



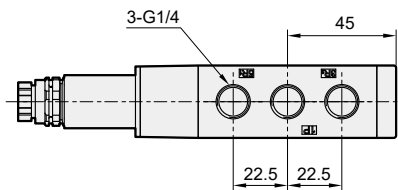
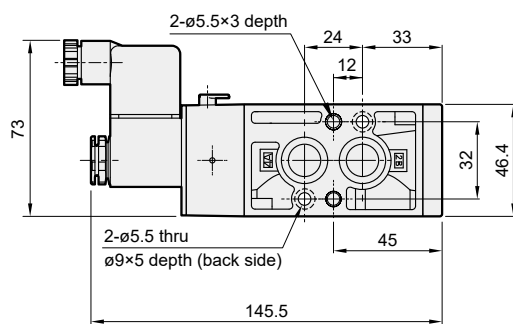
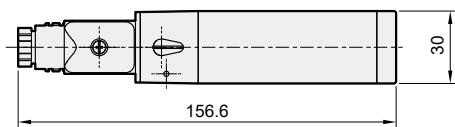
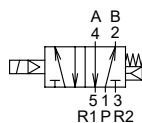
MVSN-300 Dimensions

NAMUR SOLENOID VALVE

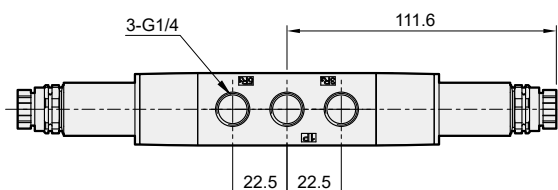
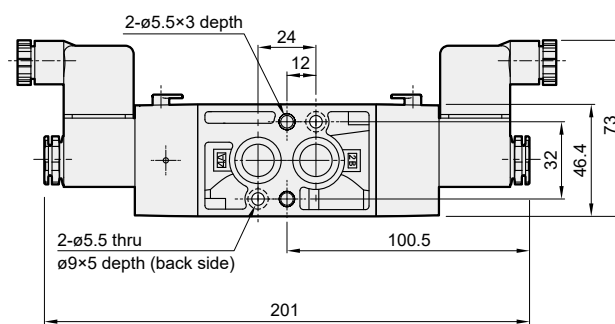
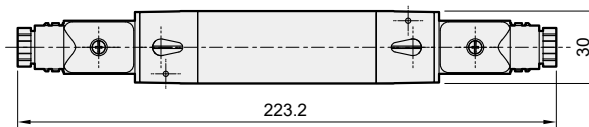
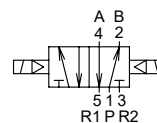


Mindman

MVSN-300-4E1



MVSN-300-4E2

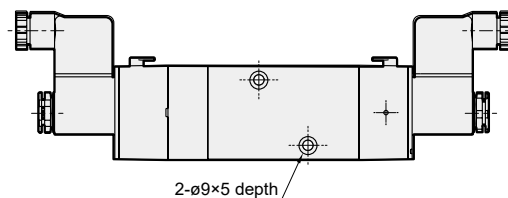
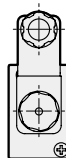
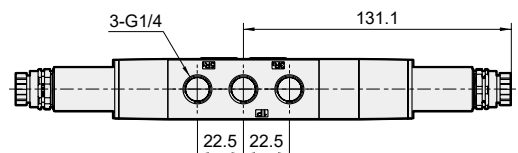
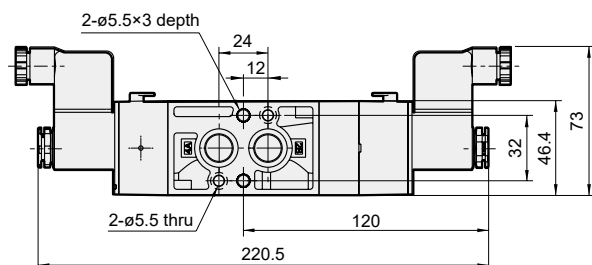
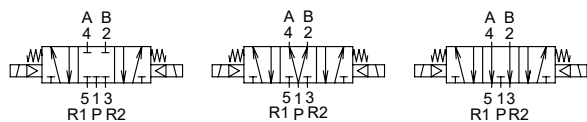


MVSN-300-4E2C.PR

MVSN-300-4E2C

MVSN-300-4E2P

MVSN-300-4E2R



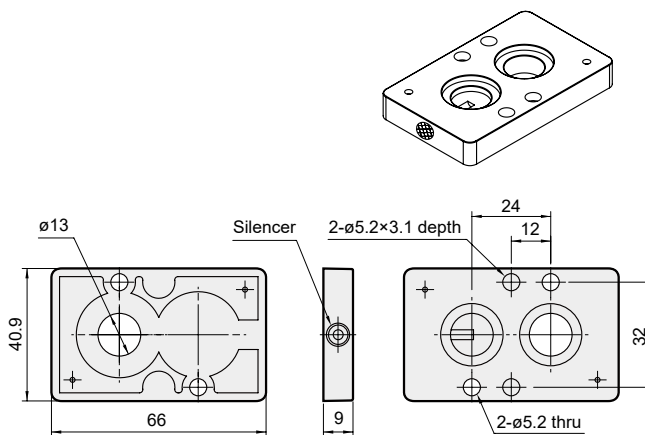
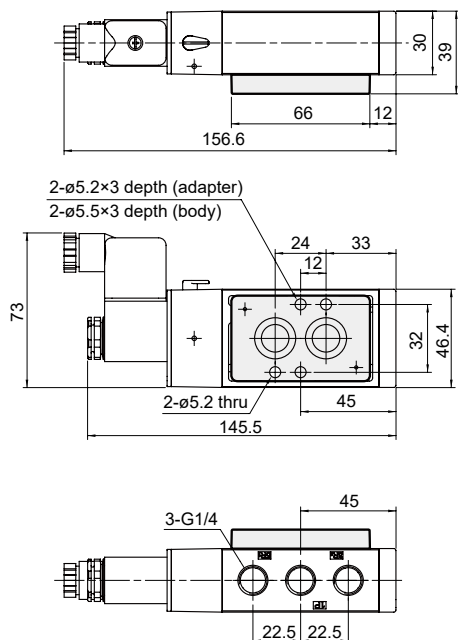
MVSN Adapter / Cylinder link seats

NAMUR SOLENOID VALVE

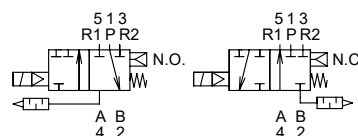


MVSN-300-A

Adapter

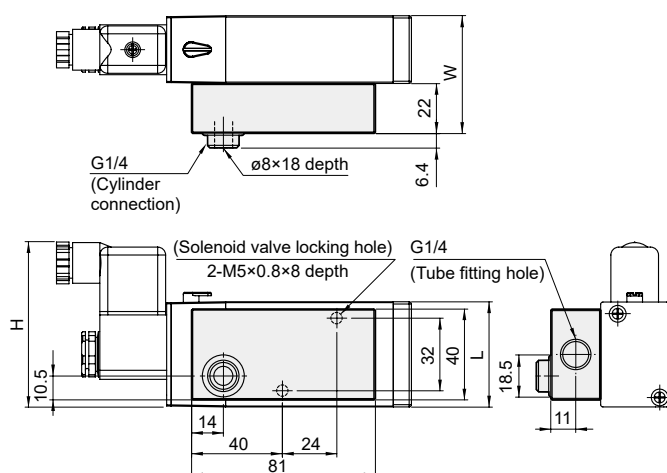


- Solenoid valve without plate: 5/2 single acting
- Solenoid valve with plate: 3/2 single acting
- Silencer on the OPPOSITE side of the solenoid: NC
- Silencer on the SAME side of the solenoid: NO

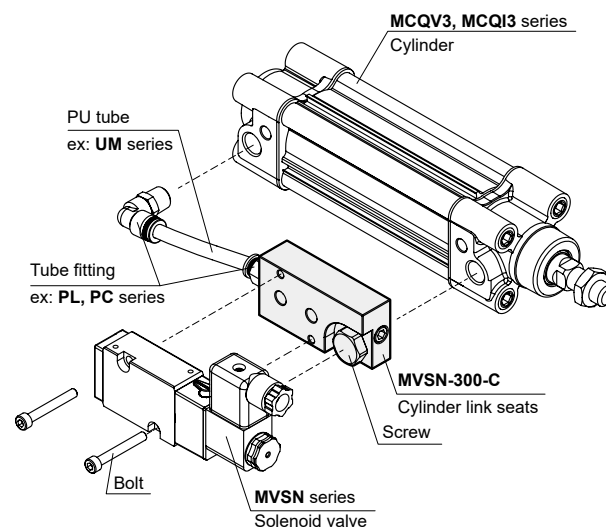


MVSN-300-C

Cylinder link seats



Mounting of cylinder link seats



Code Model	H	W	L	Cylinder type
MVSN-220	70	44.3	40	MCQV3/MCQI3 ø40
MVSN-300	73	52	46.4	MCQV3/MCQI3 ø50