

MVDC-300 series

SOLENOID VALVE (DIRECT OPERATED TYPE)



Mindman



Features



Selection table



Technical data



Caution for safety

(Read before installing)



Caution

- In the case of continuous energization, it is recommended to use NC/NO configuration in the design of the pneumatic circuit to avoid the temperature rise of continuous energization.
- For continuously energized situation, please contact us.

Specification

Model		3E1	
Bore No.		6A	8A
Port size		Rc1/8	Rc1/4
No. of port		3	
No. of position		2	
Medium		Air, low vacuum	
Operating pressure range		-101 kPa ~ 1.0 MPa	
Proof pressure		1.5 MPa	
Effective orifice (mm ²)	P→A:	4.0	P→A: 4.1
	A→R:	4.4	A→R: 4.6
	R→A:	4.2	R→A: 4.2
	A→P:	3.9	A→P: 4.0
Response time (ms)		20	
Ambient temperature		-5~+50°C (No freezing)	
Voltage		DC24V	
Power consumption	Standard	7 W	
	Power saving	Start:7W (*1) Power saving:3W	
Available voltage range *2		±10%	
Insulation class		F class	
Weight (g)		156 (188) *3	153 (185)*3

*1. Power saving covert time 350ms.

*2. Energy saving DC24V: -5%~+10%.

*3. () The value for with bracket.

Order example of valve

MVDC — 300 — 3E1 — 6A — B — DC24 — L — G

MODEL

BODY WIDTH

3: 3 way (3 port)

PORT SIZE
6A: Rc1/8
8A: Rc1/4

Blank: Without
B: Bracket

VOLTAGE
DC24V

STANDARD (7W)
Blank: DIN terminal
L: DIN terminal with LED indicator

POWER SAVING (3W)
KL: DIN terminal with LED indicator

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

E1: Single Solenoid

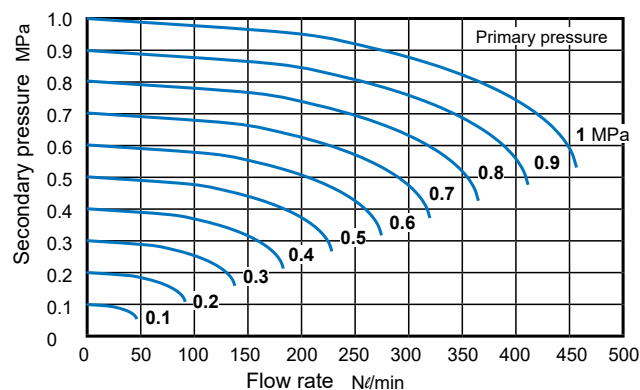
Order example of bracket

MVDC — 300 — B

MODEL

BRACKET

Flow features

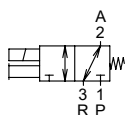


MVDC-300 Dimensions / Mounting accessories

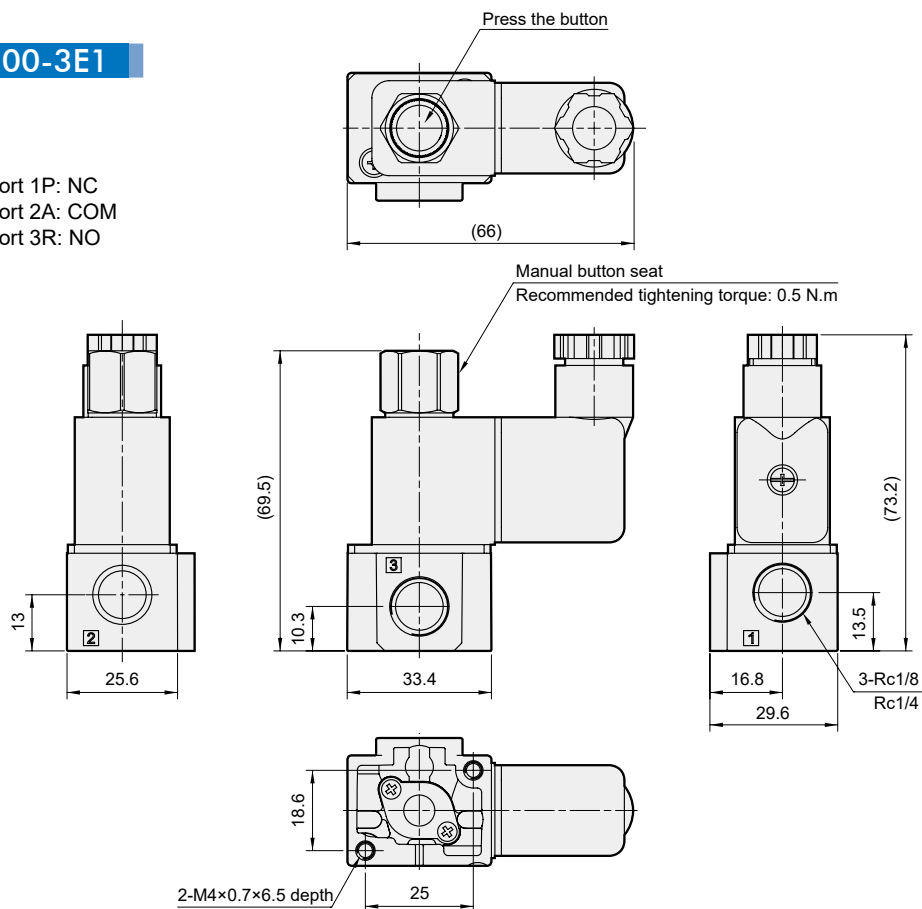
SOLENOID VALVE (DIRECT OPERATED TYPE)



MVDC-300-3E1



Port 1P: NC
Port 2A: COM
Port 3R: NO



Mounting accessories

MVDC-300-B

Bracket

