

2/2-way solenoid valve brass type MV06



description:

2/2-way solenoid valve made of brass, membrane design for high flow rates. Ideal for machine and plant engineering. This valve switches at 0 bar. Force pilot controlled valve.

features:

- Suitable for neutral, not neutral, **liquid & gaseous media**
- Mounting position: any, solenoid preferably above

connection:

3/8", 1/2", 3/4", 1", 1 1/4",
1 1/2", 2" inch

control:

force pilot
controlled

function:

NC – normally closed
NO – normally open

pressure:

0,0 – 10 bar – depending on design

design:

diameter:

body material:

seal:

voltage:

voltage tolerance:

power consumption:

duty:

plug socket:

viscosity:

temperature:

seat valve with membrane

DN16 ,DN20, DN25, DN32, DN40, DN50

brass

EPDM, NBR, FKM

230V 50Hz, 24V DC, 110V AC

+/- 10% acc. VDE 0580

230V 50Hz: 20 VA / up to DN32 57VA

24V DC: 20 Watt / up to DN 32 45 Watt

100 % ED

IP65 with plug socket mounted acc. DIN EN 175301-803 Form A

≤20CST

ambient: max. + 50°C

media: FKM – 10°C up to +120°C

NBR – 10°C up to +90°C

EPDM – 10°C up to +130°C

option:

Explosion proof coil (up to DN25, only NC-valves, 0 – 6 bar):

II 2G Ex mb IIC T4 Gb, II 2D Ex mb tb IIIC T130°C Db

DN

max. pressure

connection

flow rate

NC – normally closed

NO – normally open

16,0 mm	0,0 – 10 bar (8 bar*/6 bar**)	0,0 – 7 bar (0,0 – 5 bar*)	G 3/8" inch	4,1 m³/h
16,0 mm	0,0 – 10 bar (8 bar*/6 bar**)	0,0 – 7 bar (0,0 – 5 bar*)	G 1/2" inch	4,1 m³/h
20,0 mm	0,0 – 10 bar (8 bar*/6 bar**)	0,0 – 7 bar (0,0 – 5 bar*)	G 3/4" inch	6,5 m³/h
25,0 mm	0,0 – 10 bar (8 bar*/6 bar**)	0,0 – 7 bar (0,0 – 5 bar*)	G 1" inch	10,2 m³/h
32,0 mm	0,0 – 10 bar (6 bar*)	0,0 – 7 bar (0,0 – 5 bar*)	G 1 1/4" inch	20,6m³/h
40,0 mm	0,0 – 10 bar (6 bar*)	0,0 – 7 bar (0,0 – 5 bar*)	G 1 1/2" inch	24,9 m³/h
50,0 mm	0,0 – 10 bar (6 bar*)	0,0 – 7 bar (0,0 – 5 bar*)	G 2" inch	41,2 m³/h

* using DC reduces the working pressure

** option Ex-proof only available up to 6 bar

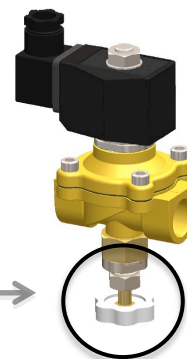
options:

without oil and fat
plug socket mounted with LED
bracket
manual actuation

Ex

II 2G Ex mb IIC T4 Gb

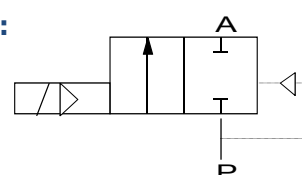
II 2D Ex mb tb IIIC T130°C Db



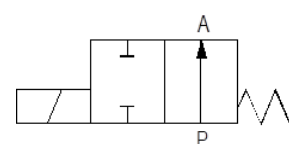
dimensions:

connection	DN	L	B	H (NC)	H (NO)
3/8" inch	16	69	57	106	135
1/2" inch	16	69	57	106	135
3/4" inch	20	73	57	114	142
1" inch	25	99	77	121	150
1 1/4" inch	32	112	87	150	180
1 1/2" inch	40	123	94	160	190
2" inch	50	168	123	183	216

NC:

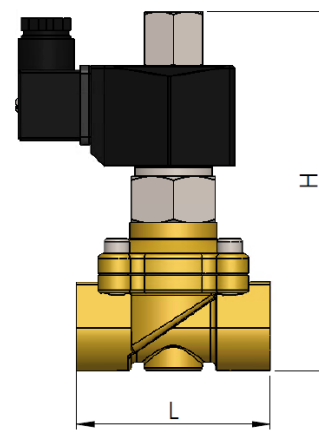
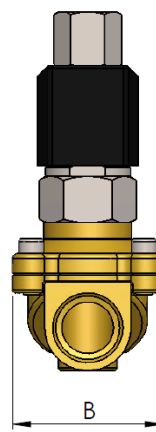
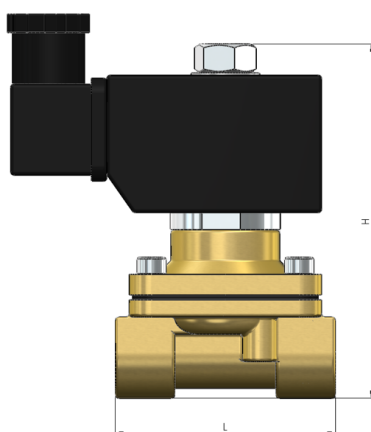
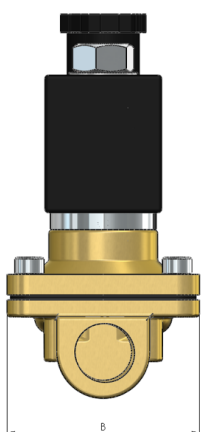


NO:



NC - version:

NO - version:



*) dimensions for the ATEX version could vary.

article number:

Type	Voltage	Seal	Function	Version	Size
MV06	1 – 230V 50Hz 2 – 24V DC* 3 – 110V AC**	1 - EPDM 2 – FKM 4 - NBR	0 – NC normally closed 1 – NO normally open***	0 – none 1 – Ex-proof****	02 – 3/8" 03 – 1/2" 04 – 3/4" 05 – 1" 06 – 1 1/4" 07 – 1 1/2" 08 – 2"

example No. MV06111004:

MV06	1	1	1	0	04
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2/2 way solenoid valve

Voltage: 230V 50Hz

Seal: EPDM

Function: NO normally open

Version: without Ex-Schutz

Size: 3/4"

Note:

* direct current reduces the working pressure

** 110V AC version only available as NC – normally closed without Ex-proof

*** NO – normally open version max. pressure 0,0 – 7 bar

**** Explosion proof only available up to DN25 and as NC – normally closed function and reduced pressure

Image similar, subject change without notice.