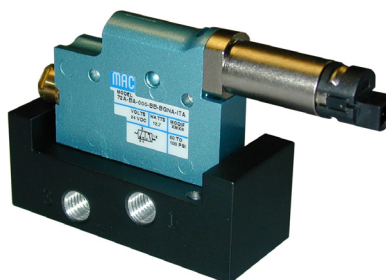


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Individual mounting
3/2 NO - NC	M7	400 NI/min	Sub-base

OPERATIONAL BENEFITS

1. Balanced poppet.
2. Patented conical seats for long life.
3. High flow.
4. Bonded poppet with minimal friction.
5. Wiping effect eliminates sticking.
6. Extremely repeatable response.



HOW TO ORDER

Port size	Pilot	3/2 NC Valve	3/2 NO Valve
Valve less base	Internal	72A-BA-000-BB-Bxxx-xxx	72A-CA-000-BB-Bxxx-xxx
	External	72A-BD-000-BB-Bxxx-xxx	72A-CD-000-BB-Bxxx-xxx
M7	Internal	72A-BA-A1A-BB-Bxxx-xxx	72A-CA-A1A-BB-Bxxx-xxx
	External (M5)	72A-BD-A1B-BB-Bxxx-xxx	72A-CD-A1B-BB-Bxxx-xxx

SOLENOID OPERATOR

BB - B xxx-xxx

XX	Voltage	X	Wire length	X	Manual operator	XX	Electrical connector
GA	24 V=1.0 W	0	No Lead Wire	1	Recessed non locking	Flying Lead Covers	
GB	24 V=1.8 W	A	45 cm	3	Extended non locking	BA	No ground
GC	24 V=2.5 W	B	60 cm			BC	Blocking & suppression diode & LED (no ground)
GD	24 V=3.0 W	C	90 cm			BE	Blocking & suppression diode (no ground)
GE	24 V=4.0 W	D	120 cm			BG	LED (no ground)
GF	12 V=1.0 W	E	180 cm			BJ	MOV (no ground)
GG	12 V=1.8 W	F	240 cm			BL	MOV & LED (no ground)
GH	12 V=2.5 W					"JST" Plug-in Cover	
GJ	12 V=3.0 W					TA	No ground
GK	12 V=4.0 W					TC	Blocking & suppression diode & LED (no ground)
						TE	Blocking & suppression diode (no ground)
						TG	LED (no ground)
						TJ	MOV (no ground)
						TL	MOV & LED (no ground)

OPTIONS

72A-BA-A1A-XX-Xxxx-xxx

- 1 Individual base - Side ports
- 2 Individual base - Bottom cylinder ports only (no side cylinder port)

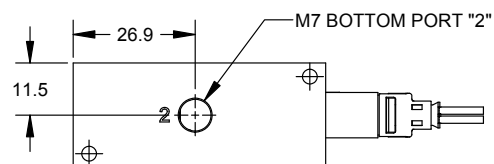
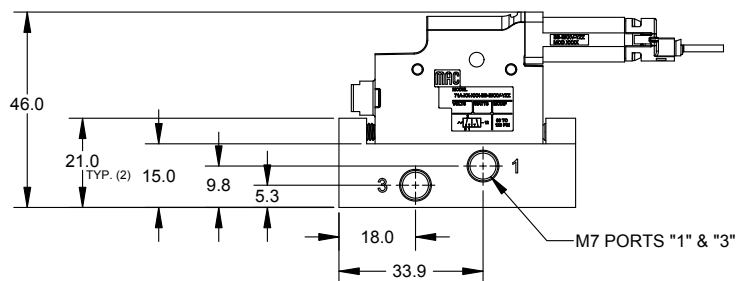
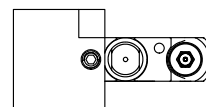
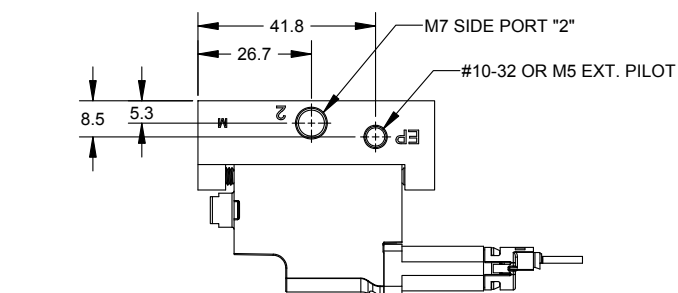
TECHNICAL DATA

Fluid :	Compressed air or inert gases
Pressure range :	Vacuum to 8 bar (External pilot) 2,7 to 8 bar (Internal pilot)
Pilot pressure :	2,7 to 8 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
Filtration :	40 μ
Temperature range :	-18°C to +50°C
Flow (at 6 bar, $\Delta P=1$ bar) :	400 NI/min (0.4 Cv)
Coil :	Class A continuous duty, #26 AWG x 18 lead wires
Voltage range:	-15% to +10% of nominal voltage
Protection :	Consult factory
Power:	DC 12/24 Volt 1.0w to 4.0w (higher wattages available)

Options:

• BSPP threads

DIMENSIONS



1. Balanced poppet.
2. Patented conical seats for long life.
3. High flow.
4. Bonded poppet with minimal friction.
5. Wiping effect eliminates sticking.
6. Extremely repeatable response.

HOW TO ORDER VALVE FOR CIRCUIT BAR MOUNTING

Port size	Pilot	3/2 NC Valve	3/2 NO Valve
Valve less base	Internal	72A-BA-000-BB-Bxxx-xxx	72A-CA-000-BB-Bxxx-xxx
	External	72A-BD-000-BB-Bxxx-xxx	72A-CD-000-BB-Bxxx-xxx

BB - B **xxx-xxx**

XX	Voltage	X	Wire length	X	Manual operator	XX	Electrical connector
GA	24 V=1.0 W	0	No Lead Wire	1	Recessed non locking	Flying Lead Covers	
GB	24 V=1.8 W	A	45 cm	3	Extended non locking	BA	No ground
GC	24 V=2.5 W	B	60 cm			BC	Blocking & suppression diode & LED (no ground)
GD	24 V=3.0 W	C	90 cm			BE	Blocking & suppression diode (no ground)
GE	24 V=4.0 W	D	120 cm			BG	LED (no ground)
GF	12 V=1.0 W	E	180 cm			BJ	MOV (no ground)
GG	12 V=1.8 W	F	96"			BL	MOV & LED (no ground)
GH	12 V=2.5 W					"JST" Plug-in Cover	
GJ	12 V=3.0 W					TA	No ground
GK	12 V=4.0 W					TC	Blocking & suppression diode & LED (no ground)
						TE	Blocking & suppression diode (no ground)
						TG	LED (no ground)
						TJ	MOV (no ground)
						TL	MOV & LED (no ground)

Port size	Pilot air	Side Cyl. Port	Bottom Cyl. Port
#10-32 UNF	Internal	CBM72A-00AAA- <i>xx</i>	CBM72A-00BAA- <i>xx</i>
	Internal with exhaust out 12 end	CBM72A-00ADA- <i>xx</i>	CBM72A-00BDA- <i>xx</i>
	External from 12 end	CBM72A-00ACA- <i>xx</i>	CBM72A-00BCA- <i>xx</i>
M5	Internal	CBM72A-00AAB- <i>xx</i>	CBM72A-00BAB- <i>xx</i>
	Internal with exhaust out 12 end	CBM72A-00ADB- <i>xx</i>	CBM72A-00BDB- <i>xx</i>
	External from 12 end	CBM72A-00ACB- <i>xx</i>	CBM72A-00BCB- <i>xx</i>
M7	Internal	CBM72A-00AAC- <i>xx</i>	CBM72A-00BAC- <i>xx</i>
	Internal with exhaust out 12 end	CBM72A-00ADC- <i>xx</i>	CBM72A-00BDC- <i>xx</i>
	External from 12 end	CBM72A-00ACC- <i>xx</i>	CBM72A-00BCC- <i>xx</i>

Note:

- For valves mounted on base at the factory, add -9 to the model number.
- Common through ports are 1/8"

TECHNICAL DATA

Fluid :	Compressed air or inert gases
Pressure range :	Vacuum to 8 bar (External pilot) 2,7 to 8 bar (Internal pilot)
Pilot pressure :	2,7 to 8 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
Filtration :	40 µ
Temperature range :	-18°C to +50°C
Flow (at 6 bar, ΔP=1bar) :	400 NI/min (0.4 Cv)
Coil :	Class A continuous duty, #26 AWG x 18 lead wires
Voltage range:	-15% to +10% of nominal voltage
Protection :	Consult factory
Power:	DC 12/24 Volt 1.0w to 4.0w (higher wattages available)

Options: • BSPP threads

DIMENSIONS

