SY Series Solenoid Valve







3120
5120



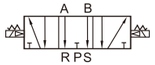
3220
5220



3320
5320



3420
5420



3520
5520



Ordering Code SY Series Solenoid Valve

S Y 3 | 1 | 2 0 | □ | - | M 5 | - | D C 2 4 V

Type code
SY3:SY3 series
SY5:SY5 series
SY7:SY7 series
SY9:SY9 series

Series code
1:Single control
2:Double control
3:Double control 3Position Center Close
4:Double control 3Position Center Exhaust
5:Double control 3Position Center Pressure

Coil
L:Vertical Type
M:Horizontal Type
G:Pin Type

Joint size
M5:M5×0.8
01:1/8"
02: 1/4"

Standard voltage
DC24V
AC220V 50/60Hz

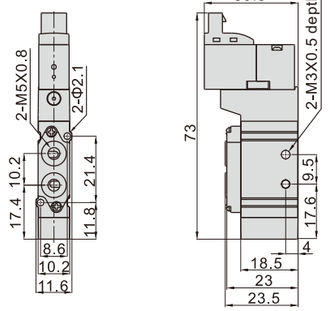
Specifications

Model	SY3120 / SY3220	SY3320 / SY3420 / SY3520	SY5120 / SY5220	SY5320 / SY5420 / SY5520	SY7120 / SY7220	SY7320 / SY7420 / SY7520
Working medium	Clean air(40μm Filteration)					
Working pressure	0.15~0.7MPa	0.2~0.7MPa	0.15~0.7MPa	0.2~0.7MPa	0.15~0.7MPa	0.2~0.7MPa
Working temperature	−20~70°C (No condensation)					
Max. operating frequency	10Hz	3Hz	5Hz	3Hz	5Hz	3Hz
Response time	12ms	15ms	19ms	35ms	30ms	50ms
Exhaust way	Main valve + pilot valve centralized exhaust					
Lubrication	Not necessary					
Acting type	Piolet type					
Proof pressure	0.8MPa					
Valve body material	Unlimited					
Manual pin structure	Press-down rotary locking type					
Standard voltage	DC24V±10%					
Power	1.2W/0.35W					
Heat resistance class	F class					
Electrical connections	Plug-in type (horizontal and vertical direction) + lead wire type					
Pilot valve wire length	0.3m					
Protective Class	IP40					
Joint Size	M5		1/8"		1/4"	

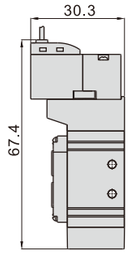
SY Series Solenoid Valve

Main Dimensions

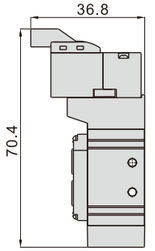
SY3120-L



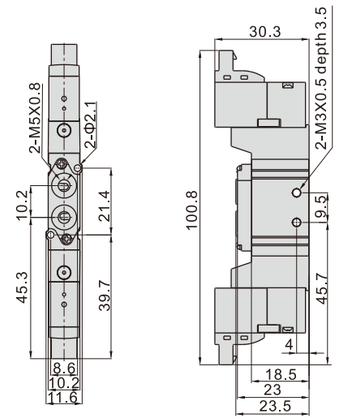
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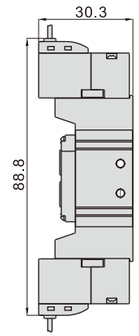
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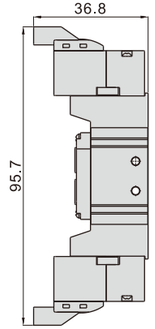
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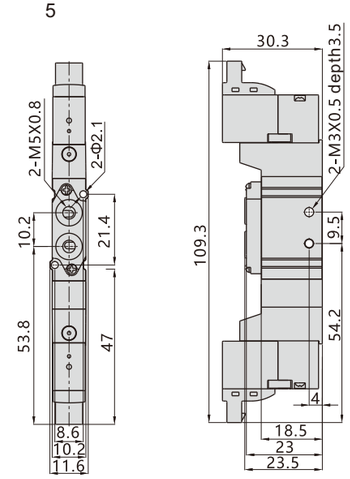
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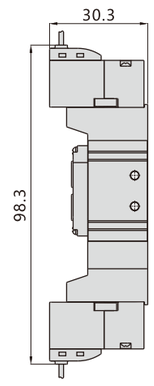
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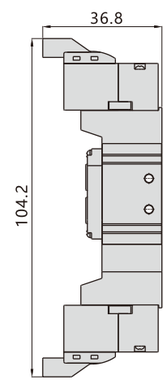
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SY3420-L
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SY3420-G
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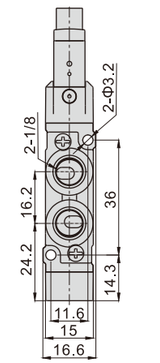
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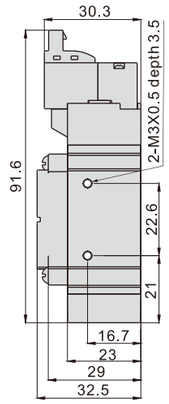


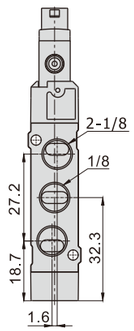
SY Series Solenoid Valve

Main Dimensions

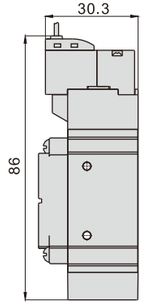
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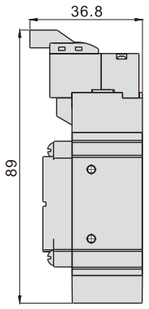




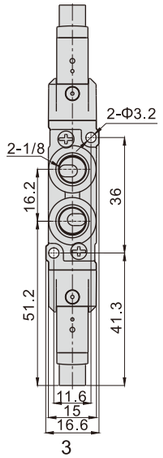
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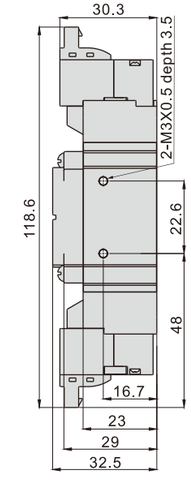


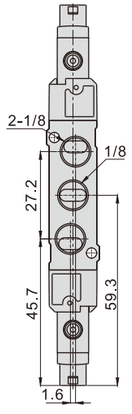
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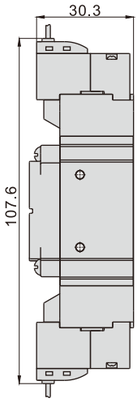
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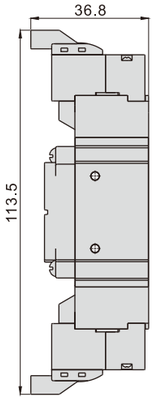




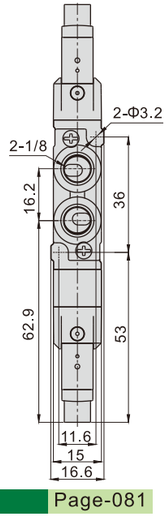
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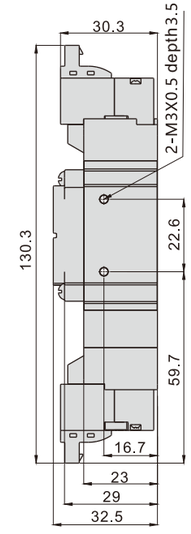


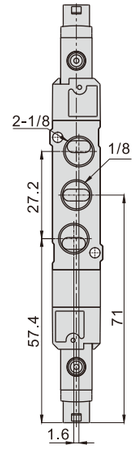
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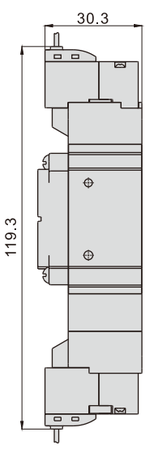
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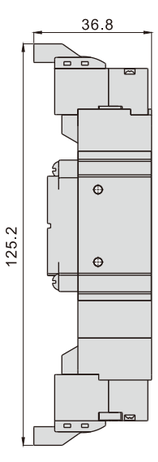




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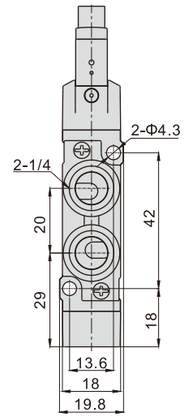
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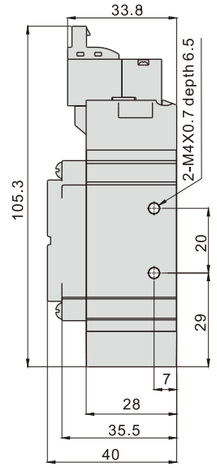


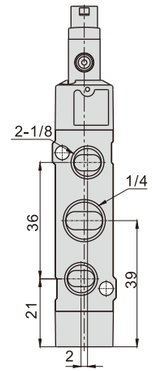
SY Series Solenoid Valve

Main Dimensions

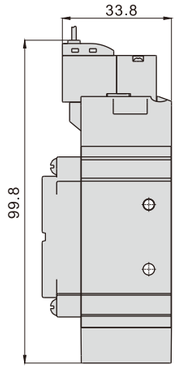
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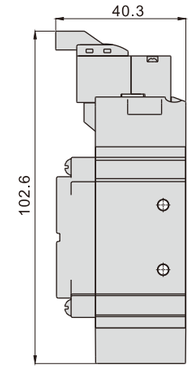




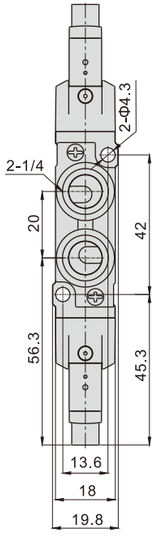
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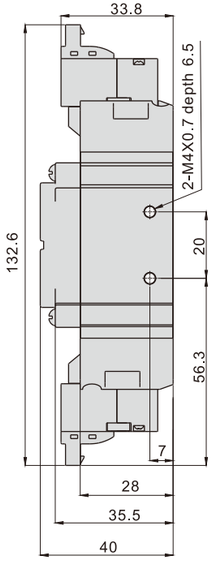


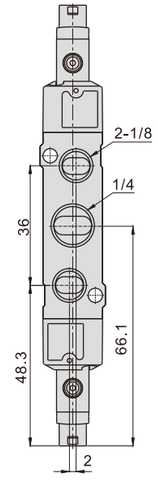
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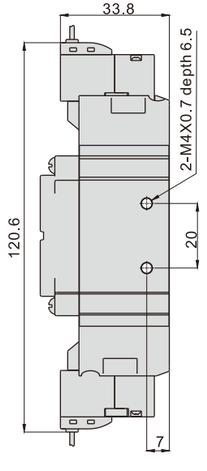
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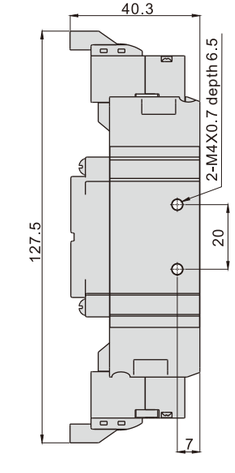




SY7220-G



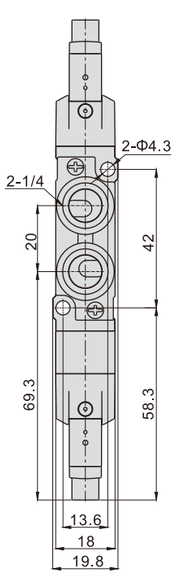
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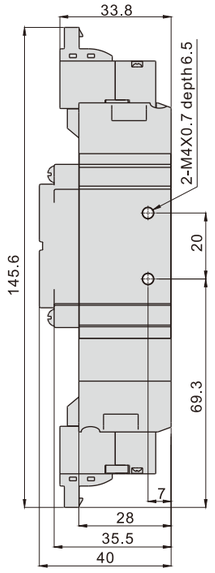


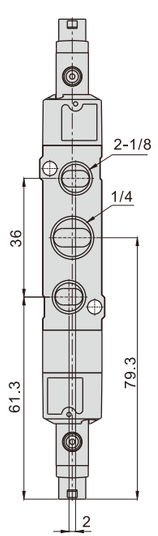
SY Series Solenoid Valve

Main Dimensions

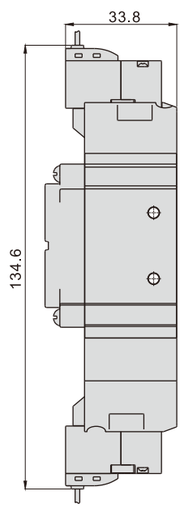
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SY7420-L
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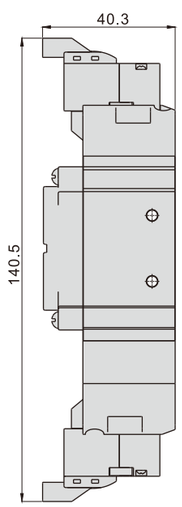




3
SY7420-G
5



3
SY7420-M
5



SY Series Manifold

Ordering Code SY Series Manifold

SY300 M - N F

- SY300 M: Type code
  - SY3: SY3 valve body
  - SY5: SY5 valve body
  - SY7: SY7 valve body
- N: Stations number
  - 1~16
- F: Manifold

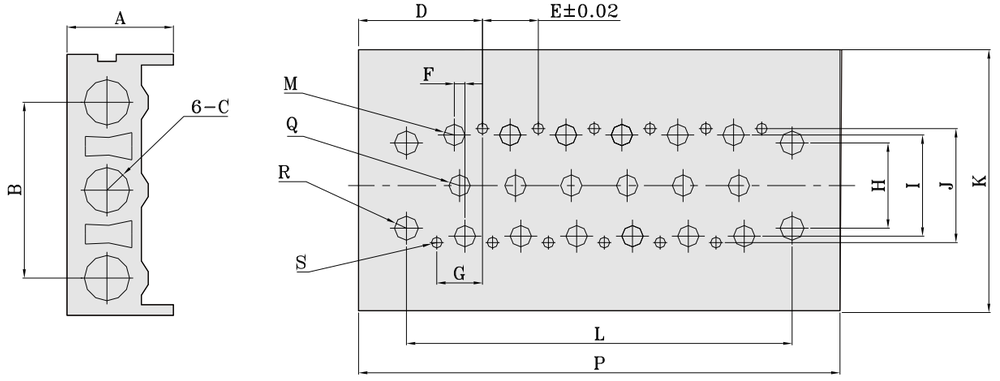


Ordering Code SY Series Blank Plate

SY300 M - B

- SY300 M: Type code
  - SY3: SY3 valve body
  - SY5: SY5 valve body
  - SY7: SY7 valve body
- B: Blank plate

Main Dimensions



Model	A	B	C	E	F	G	H	I	J	K
SY300M-□F	20	33	RC1/8″	23.3	10.5	8.6	16	19	21.4	49
SY500M-□F	26.5	42	RC1/4″	22.8	16	11.6	20	29.4	36	60

Model	M	Q	R	S
SY300M-□F	2-Φ4.5 through hole	Φ4.5 through hole	4-Φ4.5 through hole	M2x0.4 depth 4.5
SY500M-□F	2-Φ6 depth 15	Φ6 depth 10	4-Φ4.5 through hole	M3x0.5 depth 6.5

Model	L															
	1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F	15F	16F
SY300M-□F	20	30.5	41	51.5	62	72.5	83	93.5	104	114.5	125	135.5	146	156.5	167	177.5
SY500M-□F	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248	264

Model	P															
	1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F	15F	16F
SY300M-□F	38	48.5	59	69.5	80	90.5	101	111.5	122	132.5	143	153.5	164	174.5	185	195.5
SY500M-□F	34	50	66	82	98	114	130	146	162	178	194	210	226	242	258	274