

### Features

- \* Medium and compact size, 18mm width solenoid valve.
- \* Manual override design for easy test and operation.
- \* Anodized aluminum body and strict quality control provide a long durability.
- \* Coil nut is available, please refer to page 7-5.



### How to order

AM520	B	X	-	01	N	-	S	2	D	LED
18mm valves series	Valve type	Acting style	Port size	Thread	Solenoid	Voltage	Coil type	LED		
52 5/2 way 53 5/3 way	Blank Body ported B Base mounted	Blank Standard X Exhaust center Y Pressurized center	01 1/8"	Blank G N NPT R Rc	S Single solenoid D Double solenoid	1 110VAC 2 220VAC 9 24VDC	Blank Lead wire D DIN	Blank (W/O LED)		

### How to order manifold

MF520	-	01	N	02
18mm valves series	Port size	Thread	Stations	
For body ported valve	01 1/8"	Blank G N NPT R Rc	02 2 stations 03 3 stations XX XX stations	

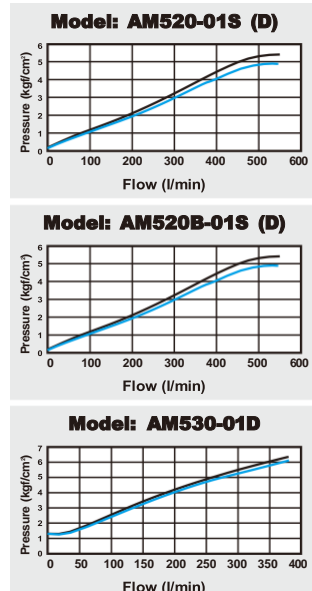
### How to order manifold (B type)

SF520	-	01	N	02
18mm valves series	Port size	Thread	Stations	
For base mounted valve	01 1/8"	Blank G N NPT	02 2 stations 03 3 stations XX XX stations	

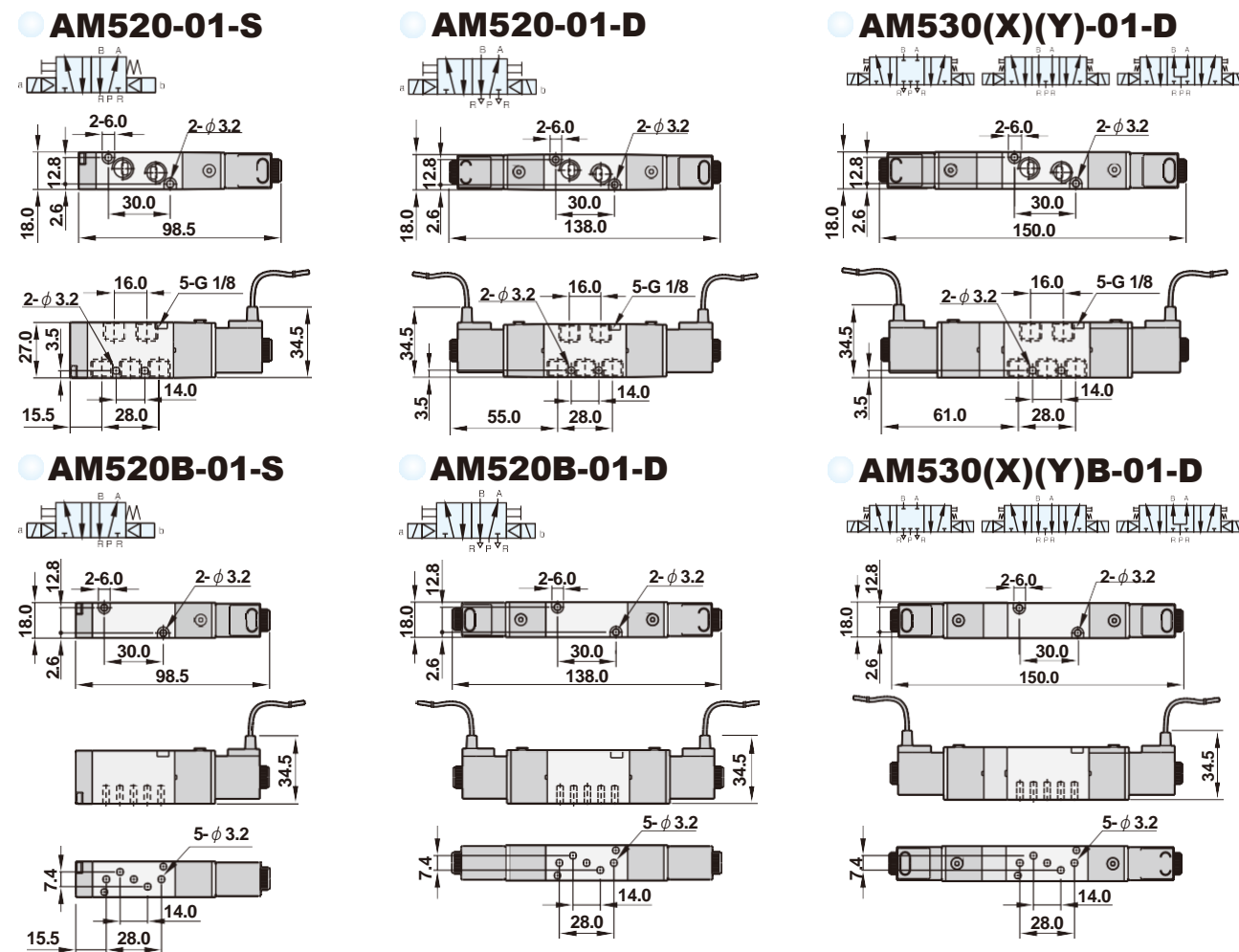
### Specifications

Model	AM520-01-S(D)	AM520B-01-S(D)	AM530-01-D
Port size	1/8"		
Body material	Aluminum alloy		
Fluid	Compressed air		
Acting	Internal pilot		
Effective area	11mm <sup>2</sup>		9mm <sup>2</sup>
Operating pressure range	1.5~8 kgf/cm <sup>2</sup>		2~7 kgf/cm <sup>2</sup>
Proof pressure	9.9 kgf/cm <sup>2</sup>		
Ambient temperature	-10°C ~ 50°C		
Duty cycle	100% ED		
Coil type	Lead wire (Standard), DIN (Option)		
Protection class	IP65 (DIN 40 050)		
Insulation class	F		
Voltage tolerance	± 10%		
Standard voltage	220VAC, 110VAC, 24VDC (The other voltage is optional)		
Net weight	125g (175g)	580g (660g)	215g

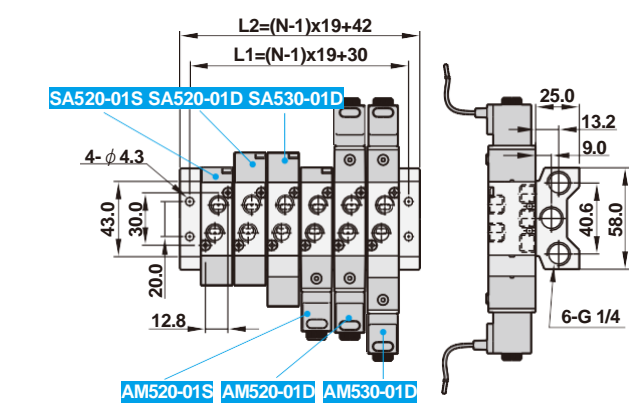
### Flow chart



### Dimensions

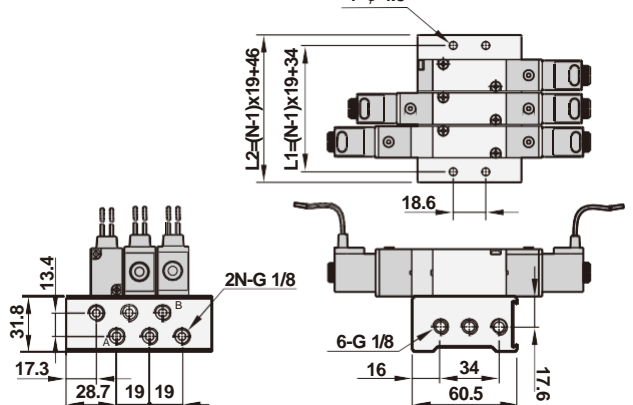


### MF520-0106



Number of station (N)	2	3	4	5	6	7	8	9	10
L1	49	68	87	106	125	144	163	181	201
L2	61	80	99	118	137	156	175	194	213

### SF520-0103



Number of station (N)	2	3	4	5	6	7	8	9	10
L1	53	72	91	110	129	148	167	186	205
L2	65	84	103	122	141	160	179	198	217

SOLENOID VALVES

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