

2V Series Two-Postion Two-Way Solenoid Valve



2V025-08

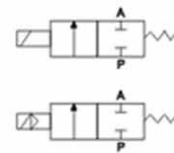


2V130-15

订购代号 / Ordering Code

Series	Orifice Size	Port Size	Voltage	Seal Code
2V:2/2way solenoid valve	025:2.5mm 130:13mm 250:25mm	08: G1/8" 10: G3/8" 15: G1/2" 20: G3/4" 25: G1"	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ	Blank: NBR V: VITON

图形符号 / Graphic symbol

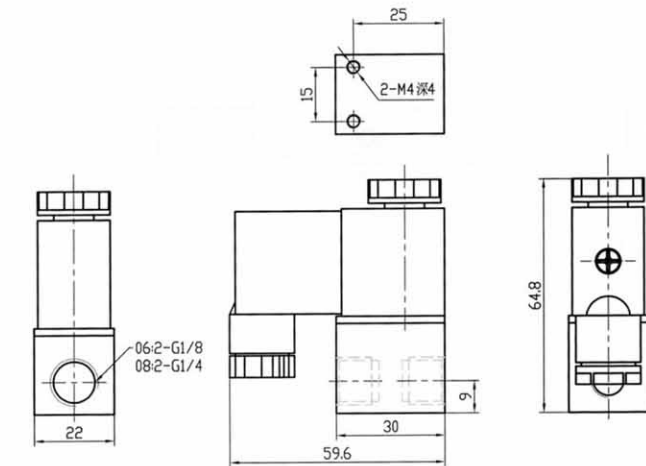


规格/Specification

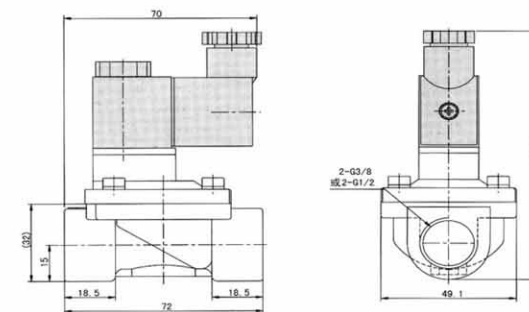
型号/Model	2V025-06		2V025-08		2V130-10		2V130-15		2V250-20		2V250-25	
Working Medium	Air,Water,Oil											
Action Type	Direct Acting				Internal Piloted							
Valve Type	Normal Close Type											
Orifice Size (mm)	2.5				13				25			
CV Value	0.23				6.2				23			
Port Size	G1/8		G1/4		G3/8		G1/2		G3/4		G1	
Viscosity limit	Under 20CTS											
Working Pressure	0.15~0.9MPa											
Max. Proof Pressre	0.95MPa											
Working Temperature	-10~80℃											
Voltage Range	±10%											
Protection Class & Insulation	IP65 / F Class											
Power Consumption	AC:6VA; DC:6W											
Material of Body	Aluminium or Brass(Nickel Plated)											
Seal Material	NBR or VITON											
Mini Response Time	0.05											

外形尺寸/Overall Dimension

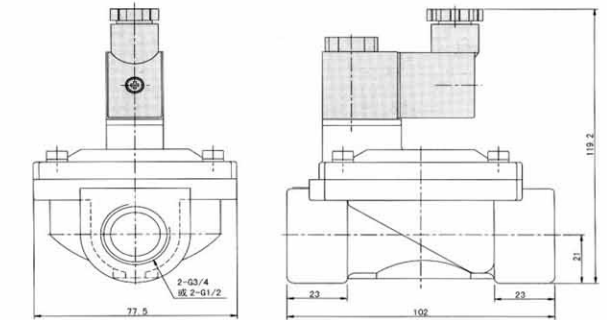
TYPE: 2V025-06(08)



TYPE: 2V130-10(15)

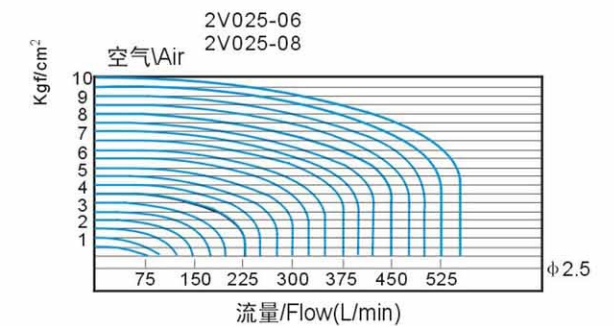
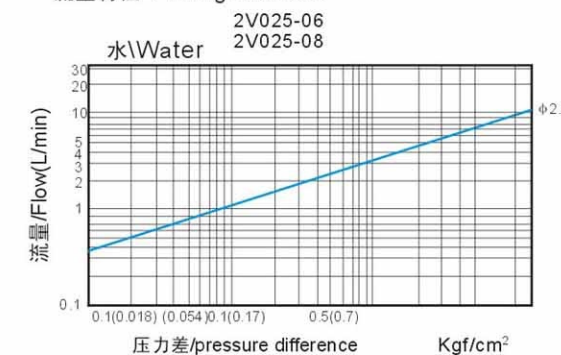


TYPE: 2V250-20(25)



流量特性/ Flowing Character

流量特性/ Flowing Character



2W Solenoid Valve (small size)

Two-Position Two-Way



2W025-08



2W025-08-S

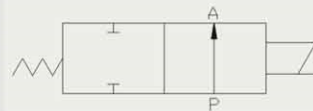


2W025-08-D

订购代号 / Ordering Code

Series	Orifice	Port Size	Body Material	Wiring Type	Voltage	Seal
2W: 2/2way solenoid valve	025: 2.5mm	06: G1/8"	Blank: brass	Blank: lead wire type (round coil)	DC12V	Blank: NBR
2WH: 2/2way solenoid valve (high pressure type)	040: 4.0mm	08: G1/4"	S: stainless Steel	D: DIN connector (square coil IP65)	DC24V	V: VITON
		10: G3/8"			AC24V 50HZ/60HZ	E: EPDM
					AC110V 50HZ/60HZ	
					AC220V 50HZ/60HZ	
					AC380V 50HZ/60HZ	

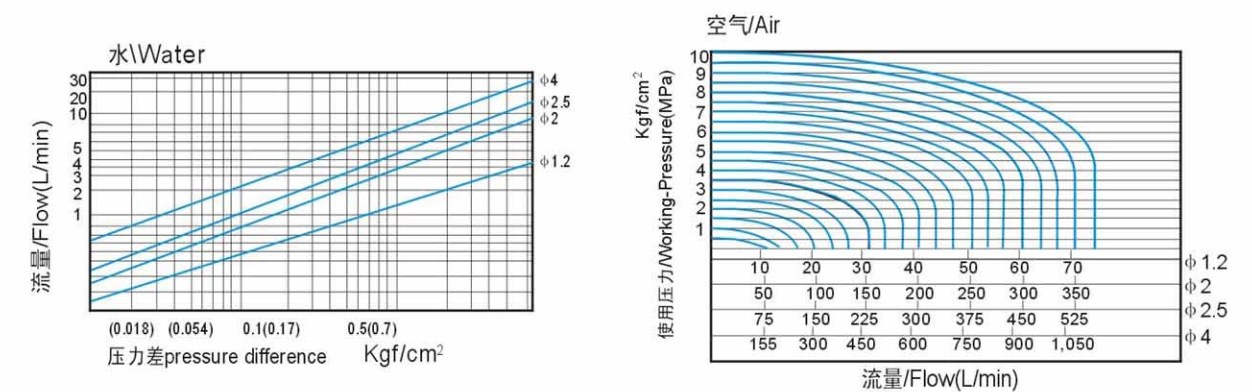
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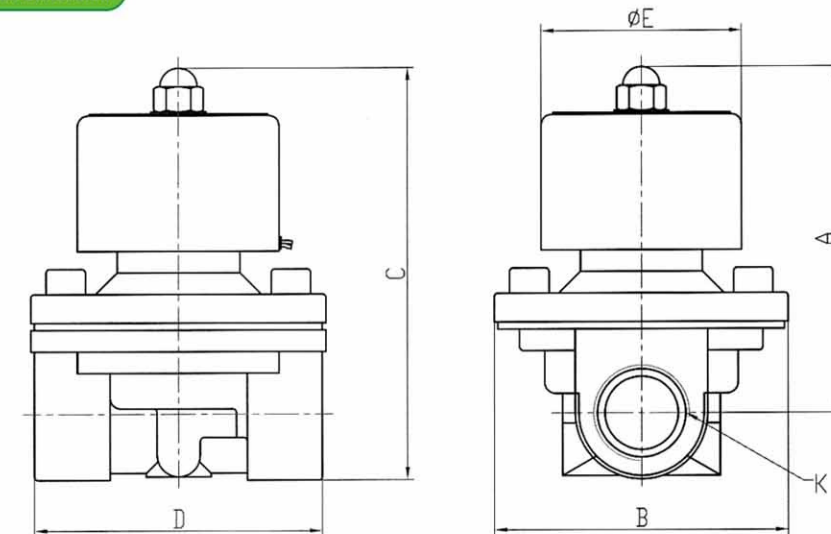
规格/Specification

型号/Model	2W025-06	2W025-08	2W040-10	2WH012-06	2WH012-08	2WH012-10
Orifice Size	2.5	4	1.2	2		
CV Value	0.23	0.6	0.05	0.15		
Port Size	G1/8	G1/4	G3/8	G1/8	G1/4	G3/8
Action	Direct Action					
Working Medium	Air / Water / Oil					
Valve Control Style	Normal Close					
Operation Fluid Viscosity	20 CST 以下 (Below)					
Working Pressure(MPa)	2W: 0~0.7 2WH: 0~2					
Max. Proof Pressure(MPa)	2W: 1 2WH: 3.5					
Working Temperature	NBR for -5~80C° ; VITON for -5~150C°					
Voltage Range	±10%					
Valve Body Material	Brass / Stainless Steel					
Seal Material	NBR / VITON / EPDM					

流量特性/ Flowing Character



外形尺寸/Overall Dimension



型号/Model	A	B	C	D	K
2W025-06	66	30	75	40.5	G1/8
2W025-08	66	30	75	40.5	G1/4
2W040-10	72.5	32	83.5	55	G3/8

2W / 2S Solenoid Valve (larger size)

Two-Position Two-Way



订购代号 / Ordering Code

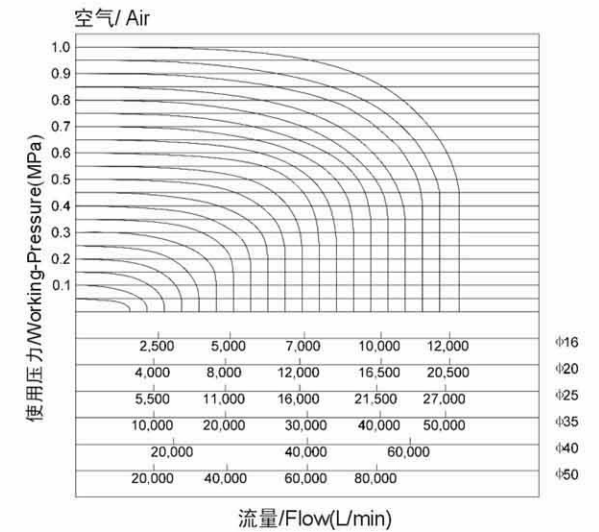
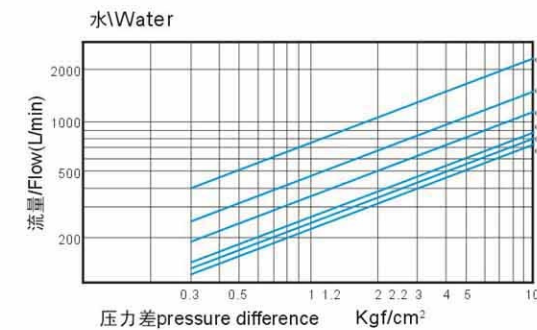
2W	160	15	D	NO	DC24V	V
Series	Orifice	Port Size	Coil & Wiring	Control Style	Voltage	Seal
2W: brass	160:16mm	10:3/8"	Blank: lead wire type (round coil)	Blank: normal close	DC12V	Blank: NBR
valve body	200:20mm	15:G1/2"	D: DIN connector (square coil IP65)	NO: normal open	DC24V	V: VITON
2S: stainless	250:25mm	20:G3/4"	A: waterproof coil		AC24V 50HZ/60HZ	E: EPDM
steel body	350:35mm	25:G1"	Z: explosion-proof coil		AC110V 50HZ/60HZ	
	400:40mm	35: G 1 1/4"			AC220V 50HZ/60HZ	
	500:50mm	40: G 1 1/2"			AC380V 50HZ/60HZ	
		50: G2"				
		F: flange				

规格/Specification

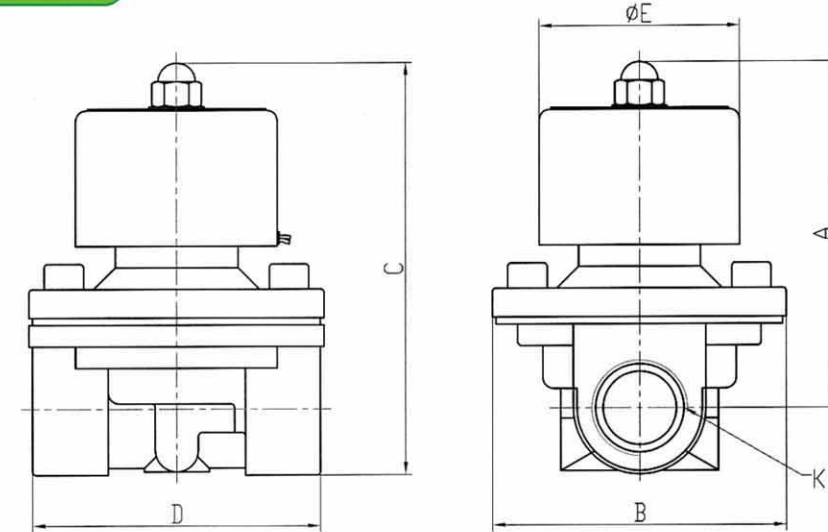
型号/Model	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
Orifice Size	16	20	25	35	40	50	
CV Value	4.8	7.6	12	24	29	48	
Port Size	G3/8	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
Action	Direct Action						
Working Medium	Air / Water / Oil / Gas						
Valve Control Style	Normal Close / Normal Open						
Operation Fluid Viscosity	Under 20CTS						
Working Pressure(MPa)	Air:0~1MPa; Water / Oil / Gas:0~0.7MPa						
Max. Proof Pressure(MPa)	NC:1MPa / NO:0.8MPa						
Working Temperature	NBR for -5~80C°; VITON for -5~150C°						
Voltage Range	±10%						
Valve Body Material	Brass / Stainless Steel						
Seal Material	NBR / VITON / EPDM						

流量特性/ Flowing Character

水\Water



外形尺寸/Overall Dimension



型号/Model	A	B	C	D	E	K
2W160-10	93	56	106	69	50.4	G3/8
2W160-15	93	56	106	69	50.4	G1/2
2W200-20	100	55	117	73	50.4	G3/4
2W250-25	104	78	125	99	50.4	G1
2W350-35	141	93	172	124	70.2	G1 1/4
2W400-40	141	93	172	124	70.2	G1 1/2
2W500-50	157	124	195	172	70.2	G2

2L Series Steam Solenoid Valve (Two-Position Two-Way)



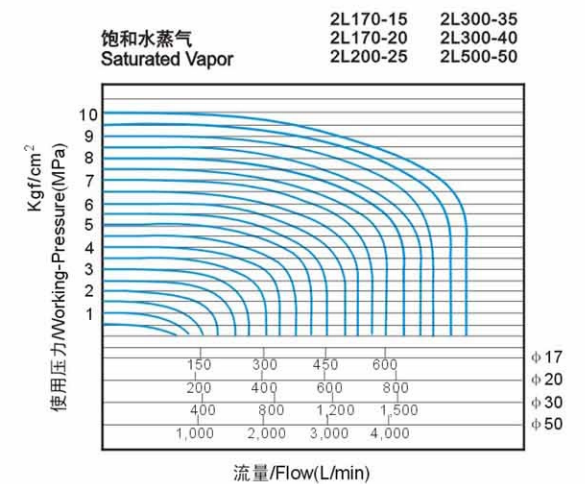
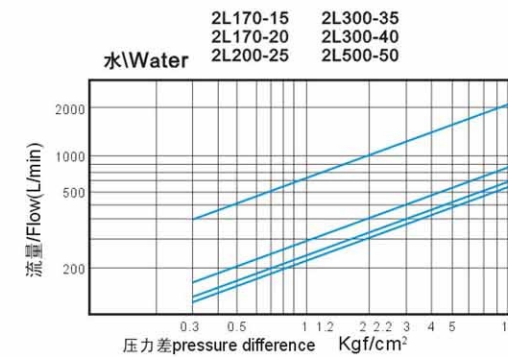
订购代号 / Ordering Code

2L	170	-	15	-	Z	-	S	-	DC24V
Series	Orifice	Port Size	Coil & Wiring	Valve Body	Voltage				
2L: 2/2way solenoid valve (steam type)	170:17mm 200: 22mm 300:30mm 500:50mm	15:G1/2" 20:G3/4" 25:G1" 35: G 1 1/4" 40: G 1 1/2" 50: G2" F:flange	Blank: lead wire type (round coil) Z: explosion-proof coil D: DIN connector (square coil IP65)	Blank: Brass S: stainless steel	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ				

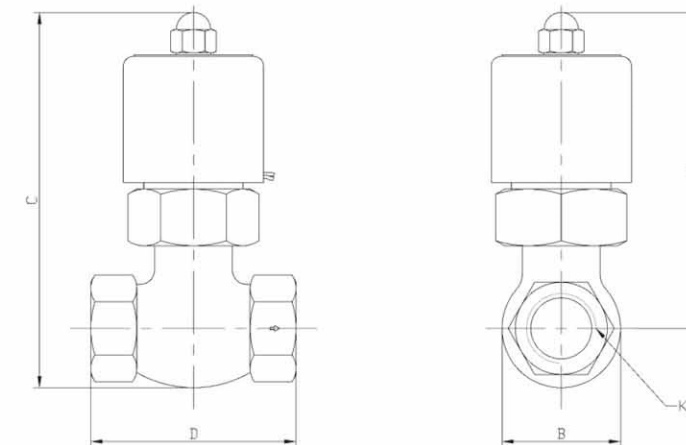
规格/Specification

型号/Model	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
Orifice Size	17		22	30		50
CV Value	4.8		12	20		48
Port Size	G1/2	G3/4	G1	G1½	G1½	G2
Action	Pilotd					
Working Medium	Air / Water / Steam					
Valve Control Style	Normal Close Type					
Operation Fluid Viscosity	Under 20CST					
Working Pressure(MPa)	0.1~1.5					
Max. Proof Pressure(MPa)	1.5					
Working Temperature	-5~185℃					
Voltage Range	±10%					
Valve Body Material	Brass / Stainless Steel					
Seal Material	PTFE					

流量特性/ Flowing Character



外形尺寸/Overall Dimension



型号/Model	A	B	C	D	K
2L170-15	125	42	146	84	G1/2
2L170-20	125	42	146	84	G3/4
2L200-25	136	52	162	94	G1
2L300-35	148	74	185	111	G1½
2L300-40	148	74	185	111	G1½
2L500-50	176	86	223	165	G2

5404 Series Solenoid Valve (high-pressure & high-temperature)



BT5404-04



BT5404-06

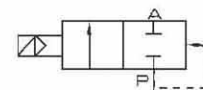


BT5404-08

订购代号 / Ordering Code

BT	5404	04	DC24V	D
Model	Series	Port Size	Voltage	Wiring Type
BT:high-pressure & high-temperature solenoid valve	5404	04:1/2" 06:3/4" 08: 1"	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ	Standard: DIN connector L: lead wire type with steel cover

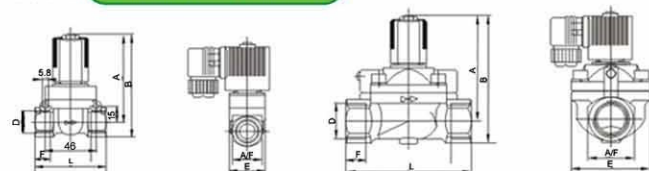
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规格/Specification

Model	BT5404-04		BT5404-06	BT5404-08
Working Medium	Air, Water, Oil			
Action	Internal Piloted			
Valve Control Type	Normal Close			
Orifice Size	12mm	20mm	25mm	
CV Value	2.0	5.0	10.0	
Port Size	1/2	3/4	1	
Working Pressure	gas/liquid: 1~50kgf/cm ²		gas: 1~40kgf/cm ² , liquid: 1~25kgf/cm ²	
Max. Test Pressure	75kgf/cm ²	60kgf/cm ²		
Working Tempereare	-5~150°C			
Protection & Insulation	IP65 & F Class			
Power Consumption	AC:5.5VA DC:9W			
Material of Body	Brass			
Seal Mateiral	PTFE			

外形尺寸/Overall Dimension



Model	Orifice Size	Port Size	A	B	F	D	L	A/F
BT5404-04	12	1/2	83	95.5	14	32	65	27
BT5404-06	20	3/4	99.5	119	16	60	92	40
BT5404-08	25	1	99.5	119	16	60	92	40

6213 Series 2/2way Diaphragm Solenoid Valve



BT6213-15



BT6213-25

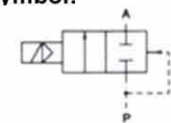


BT6213-40

订购代号 / Ordering Code

BT	6213	08	DC24V
Model	Series	Port Size	Voltage
BT:diaphragm solenoid valve	6213	08:1/4" 10:3/8" 15:1/2" 20:3/4" 25: 1" 32:1 1/4" 40:1 1/2" 50: 2"	DC12V DC24V AC24V 50HZ/60HZ AC36V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ

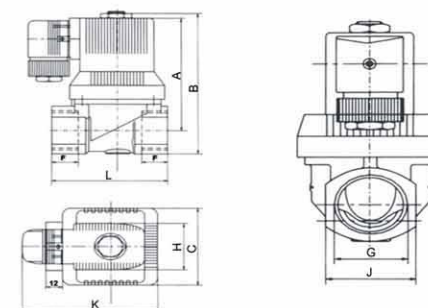
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规格/Specification

Model	BT6213-08	BT6213-10	BT6213-15	BT6213-20	BT6213-25	BT6213-32	BT6213-40	BT6213-50
Working Medium	gas,water,oil weak acid & alkali							
Orifice Size	10		13	20	25	40		50
Port Size	G1/4	G3/8	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
Working Pressure	0.03~1.0MPa					0.07~1.6MPa		
Ambient Temperature	-10~55℃							
Medium Temperature	-10~90℃							
Cv Value	2		3.6	8.3	11	25	30	45
Power Consumption	AC:14VA, DC:8W							
Switching Frequency	≥1			≥0.5		≥0.33		

外形尺寸/Overall Dimension



Model	G	C	F	L	J	A	B	H	K
BT6213-08	G1/4	38	14	50	26	71	85	35	71
BT6213-10	G3/8	38	14	50	26	71	85	35	71
BT6213-15	G1/2	45	16	58	31	82	96	35	80
BT6213-20	G3/4	45	16	58	31	82	96	35	80
BT6213-25	G1	65	18	82	41	96	117	35	90
BT6213-32	G1 1/4	96	20	132	58	112	145	35	132
BT6213-40	G1 1/2	96	20	132	58	112	145	35	132
BT6213-50	G2	111	22	160	70	125	166	35	160

PU220 Series Solenoid Valve(direct action)



PU220-04



PU220-08

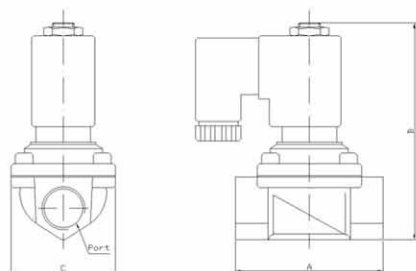
订购代号 / Ordering Code

Series	Port Size	Coil Type	Voltage	Seal Material
PU220: 2/2way direct action solenoid valve	01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 08:G1"	Blank: standard DIN connector T: coil with timer	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ	Blank: NBR E:EPDM for steam V: VITON(for high temperature,gas,vacuum)

规格/Specification

Model	PU220-01	PU220-02	PU220-03	PU220-04	PU220-06	PU220-08
Working Medium	Air,Water,Oil					
Action	Direct Action					
Valve Control Type	Normal Close					
Orifice Size	1.5mm	2.3mm	8.0mm	13mm	20mm	25mm
CV Value	0.10	0.18	1.00	4.00	8.60	11.00
Port Size	1/8	1/4	3/8	1/2	3/4	1
Operation Fluid Viscosity	Under 50CST					
Working Pressure	AC:0~0.85MPa DC:0~0.7MPa					
Max. Test Pressure	1.05MPa					
Working Temperature	NBR for -5~80°C, EPDM & VITON for -5~150°C					

外形尺寸/Overall Dimension



Model	Port size	A	B	C
PU220-01	1/8	22	72	22
PU220-02	1/4	35	75.5	25.4
PU220-03	3/8	55	79.5	30
PU220-04	1/2	66.5	101	48
PU220-06	3/4	71	107	48
PU220-08	1	96	120	70

PU225 Series Solenoid Valve(Internal Piloted)



PU225-04



PU225-06

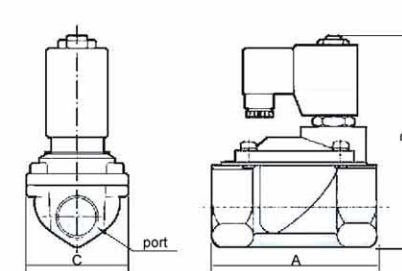
订购代号 / Ordering Code

Series	Port Size	Coil Type	Voltage	Seal Material
PU225:2/2way internal piloted solenoid valve	03:G3/8" 04:G1/2" 06:G3/4" 08:G1" 12:G 1 1/4" 14:G 1 1/2"	Blank: standard DIN connector T:coil with timer	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ	Blank: NBR E:EPDM for steam V: VITON(for high temperature,gas,vacuum)

规格/Specification

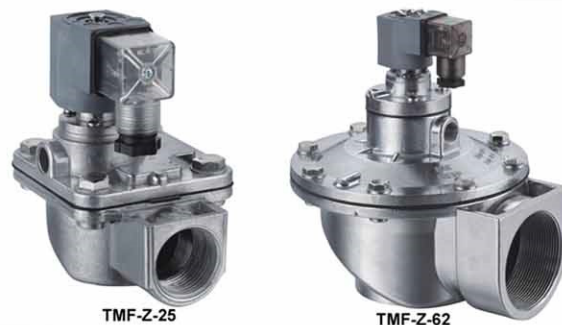
Model	PU225-03	PU225-04	PU225-06	PU225-08	PU225-12	PU225-14
Working Medium	Air,Water,Oil					
Action	Internal Piloted					
Valve Control Type	Normal Close					
Orifice Size	13mm	13mm	25mm	25mm	38mm	38mm
CV Value	4.5	4.5	12	12	22	30
Port Size	3/8	1/2	3/4	1	1 1/4	1 1/2
Operation Fluid Viscosity	Under 50CST					
Working Pressure	0.05~1MPa					
Max. Test Pressure	1.5MPa					
Working Temperature	NBR for -5~80°C, EPDM & VITON for -5~150°C					

外形尺寸/Overall Dimension



Model	Port size	A	B	C
PU225-03	3/8	66.5	106.5	48
PU225-04	1/2	66.5	106.5	48
PU225-06	3/4	96	126	70
PU225-08	1	96	126	70
PU225-12	1 1/4	131	145.5	96
PU225-14	1 1/2	131	145.5	96

TMF Series Electro-Magnetic Pulse Valve (right angle type)



订购代号 / Ordering Code

TMF	-	Z	-	40	S
Sereis		Type		Orifice Size	Connecting Type
TMF:electro-magnetic pulse valve		Z:right angle		20 50	Blank: normal screw
				25 62	A: tubing+threaded
				35 76	S:double diaphragm
				40	P:screw
					J:threaded(economical type)
					DD:pipe connecting type

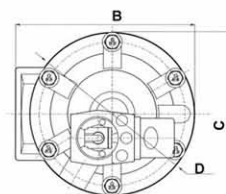
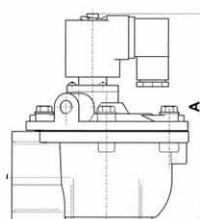
Feature:

- 1)Applied with advanced international design.
- 2)Applied for dust clear of compressing air switch in dust clearing system.
- 3)Key components material are imported.
- 4)Pneumatic control type, electro-magnetic type & explosion-proof type are available.
- 5)Pipe type connecting ensures firmly reliable installation.

规格/Specification

Model	Working Pressure	Ambient Temperature	Humidity	Medium	Voltage	Diaphragm Life	Orifice Size	Thread
TMF-Z-20A	0.3~0.8MPa	-5~55°C	<85%	Cleanly Air	DC24V AC110V AC220V	Above 1 Million Times	20	G3/4
TMF-Z-20P							20	G3/4
TMF-Z-20							20	G3/4
TMF-Z-25							25	G1
TMF-Z-25P							25	G1
TMF-Z-35P							35	G1 1/2
TMF-Z-40S							40	G1 1/2
TMF-Z-50S							50	G2
TMF-Z-62S							62	G2 1/2
TMF-Z-76S							76	G3

外形尺寸/Overall Dimension



Model	A	B	C	D
TMF-Z-20A	173	145	-	90
TMF-Z-20P	124	105	82.5	-
TMF-Z-20	110	90.5	75	-
TMF-Z-25	110	90.5	75	-
TMF-Z-25P	124	105	82.5	-
TMF-Z-35P	142	121	-	112
TMF-Z-40S	166	132	132	137
TMF-Z-50S	202	210	210	185
TMF-Z-62S	222	210	210	185
TMF-Z-76S	245	230.5	230.5	200

TMF Series Electro-Magnetic Pulse Valve

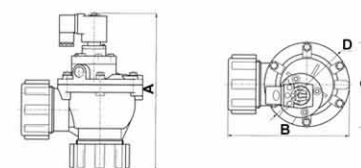


TMF-Z-25DD

规格/Specification

Model	Working Pressure	Ambient Temperature	Humidity	Medium	Voltage	Diaphragm Life	Orifice Size	Diameter of Connecting Pipe
TMF-Z-25DD	0.3~0.8MPa	-5~55°C	<85%	Cleanly Air	DC24V AC110V AC220V	Above 1 Million Times	25	35
TMF-Z-45DD							40	50

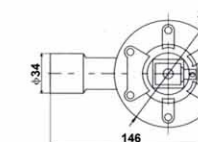
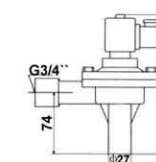
外形尺寸/Overall Dimension



Model	A	B	C	D
TMF-Z-25DD	189	131	82.5	-
TMF-Z-45DD	237	179.5	-	126



TMF-Z-20A



TMF Series Electro-Magnetic Pulse Valve (In Line Type)



订购代号 / Ordering Code

TMF	-	Y	-	50	S
Sereis		Type		Orifice	Connecting Type
TMF:electro-magnetic pulse valve		Y: in line		50	S: double diaphragm
				62	
				76	

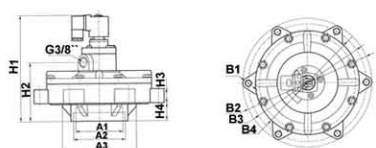
Feature:

- 1)Applied with advanced international design.
- 2)Applied for dust clear of compressing air switch in dust clearing system.
- 3)Key components material are imported.
- 4)Pneumatic control type, electro-magnetic type & explosion-proof type are available.

规格/Specification

Model	Working Pressure	Ambient Temperature	Humidity	Medium	Voltage	Diaphragm Life	Orifice Size	Thread
TMF-Y-50S	0.3~0.8MPa	-5~55°C	<85%	Cleanly Air	DC24V	Above 1 million times	50	65
TMF-Y-62S					AC110V		62	80
TMF-Y-76S					AC220V		76	90

外形尺寸/Overall Dimension



Model	A1	A2	A3	B1	B2	B3	B4	H1	H2	H3
TMF-Y-50S	φ64.5	φ78.5	φ118	6-φ11.5	φ200	φ180	φ159	188	100	25
TMF-Y-62S	φ80	φ93.5	φ145	6-φ11	φ226	φ204	φ185	197	107	34.5
TMF-Y-76S	φ90	φ99	φ141	6-φ11	φ248	φ227	φ200	205	113	27

AMF Series Electro-Magnetic Pulse Valve (ASCO type)



AMF-25J



AMF-25



AMF-Z-40

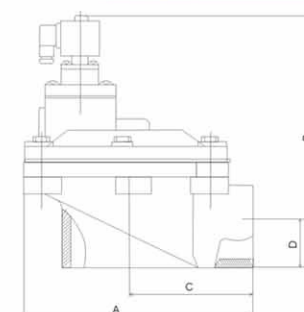
订购代号 / Ordering Code

AMF	-	Z	-	40	S
Sereis		Type		Orifice size	Connecting Type
AMF:electro-magnetic pulse valve (ASCO type)		Z:right angle Y: in line type		20 50 25 62 35 76 40	Blank: normal screw J:threaded(economical type)

Feature:

- 1)Applied with advanced international design.
- 2)Applied for dust clear of compressing air switch in dust clearing system.
- 3)Key components material are imported.
- 4)Pneumatic control type, electro-magnetic type & explosion-proof type are available.
- 5)Pipe type connecting ensures firmly reliable installation.

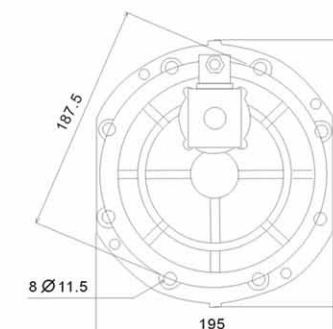
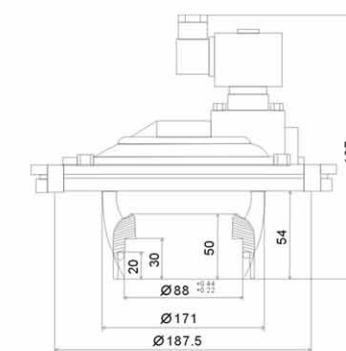
外形尺寸/Overall Dimension



Model	A	B	C	D
AMF-Z-20	88	112	-	17
AMF-Z-20J	88	112	-	17
AMF-Z-25	88	112	-	17
AMF-Z-25J	88	112	-	17
AMF-Z-40	130	160	70	30
AMF-Z-62	168	206	78	46.5



AMF-Y-76S



Model	Orifice size	No. of Diaphragm	Outlet orifice connection	Weight
AMF-Y-76S	76mm(3")	2	φ88	

VX2120 Series Solenoid Valve (direct action, 2/2way)



VX2120-06

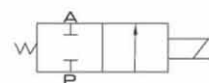


VX2120-15

订购代号 / Ordering Code

Series	Port Size	Voltage	Seal Material
VX2120	06	DC24V	V
VX2120:2/2way	06:G1/8"	DC12V	Blank: NBR
direct action	08:G1/4"	DC24V	V: VITON
solenoid valve	10:G3/8"	AC24V 50HZ/60HZ	
	15:G1/2"	AC110V 50HZ/60HZ	
		AC220V 50HZ/60HZ	
		AC380V 50HZ/60HZ	

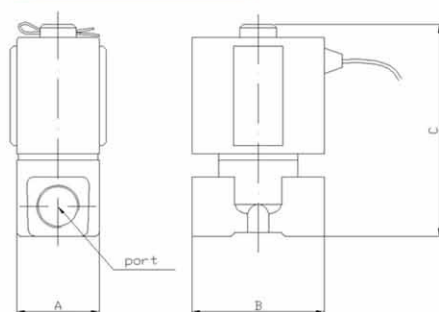
Symbol:



规格/Specification

Model	VX2120-06	VX2120-08	VX2120-10	VX2120-15
Working Medium	Air, Water, Steam			
Action	Direct Action			
Valve Control Type	Normal Close			
Max. Test Pressure	1.05MPa			
Working Pressure	0~1.0MPa			
Orifice Size	3mm			
Port Size	1/8	1/4	3/8	1/2
Max. Ambient Temperature	NBR for -5~80°C; VITON for -5~150°C			
Seal Material	NBR / VITON			

外形尺寸/Overall Dimension



Model	Port size	A	B	C
VX2120-06	1/8	25	40	64
VX2120-08	1/4	25	40	64
VX2120-10	3/8	48	68	110
VX2120-15	1/2	48	68	110

2P Series Solenoid Valve (direct action, 2/2way)



2P-08

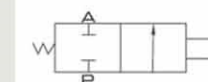


2P-08-B

订购代号 / Ordering Code

Series	Orifice Size	Port Size	Voltage	Wiring Type	Valve Body
2P	025	06	DC24V	W	B
2P:2/2way	025:2mm	06:G1/8"	DC12V	Blank: standard connector	Blank: reinforced plastic steel
solenoid valve		08:G1/4"	DC24V	(connector without light)	B: brass
			AC24V 50HZ/60HZ	LD: brown with lighting connector	
			AC110V 50HZ/60HZ	LD1: white with lighting connector	
			AC220V 50HZ/60HZ	W: lead wire type	
			AC380V 50HZ/60HZ		

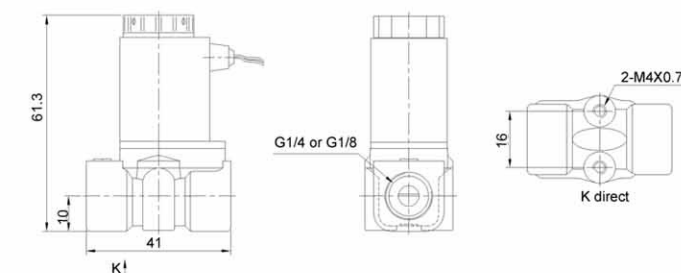
Symbol:



规格/Specification

Model	2P025-06	2P025-08
Working Medium	Air, Water, Oil, Gas	
Action	Direct Action	
Valve Control Type	Normal Close	
Orifice Size	2.5mm	
CV Value	0.23	
Port Size	1/8	1/4
Operation Fluid Viscosity	Under 20CST	
Working Pressure	0~0.7MPa	
Max. Test Pressure	1.0MPa	
Working Temperature	-5~80°C	
Material of Valve Body	Reinforced Plastic Steel or Brass	
Seal	NBR or VITON	

外形尺寸/Overall Dimension



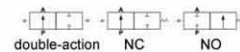
JZF Series 2/2way Mutil-Medium Angle Valve



订购代号 / Ordering Code

Model	Orifice	Valve Body Material	Mounting	Control Type
JZF:angle valve	15 32 20 40 25 50	Blank: stainless steel D: tin bronze	F: flange 1:single action 2:double action	NC:normal close NO: normal open

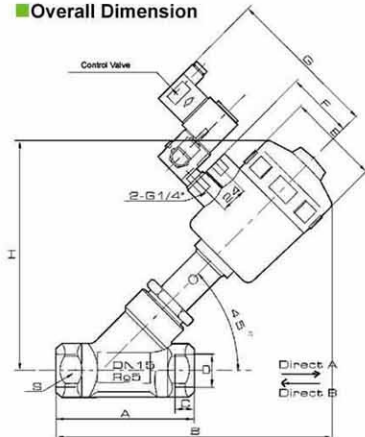
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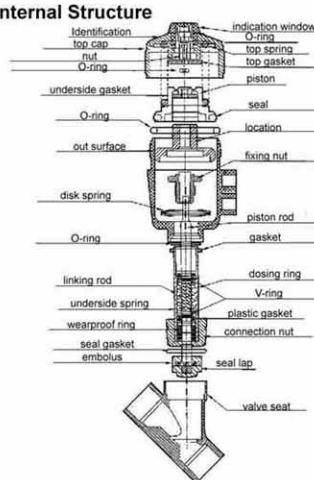
规格/Specification

Orifice Size (mm)	Port Size	Cv(m³/h)	Max. Working Pressure (MPa)	Required Min. Control Pressure(MPa)	PA	Medium Temperature	Direction
15	G1/2	4.2	0~1.6	0.39	50	-10~180°C	Direction A or B
20	G3/4	8	0~1.1	0.39	50		
25	G1	19	0~1.1	0.42	63		
32	G1 1/4	27.5	0~1.5	0.5	63		
40	G1 1/2	42	0~1.25	0.44	63		
50	G2	55	0~1.0	0.4	80		

Overall Dimension



Internal Structure



Mounting & Maintenance

- 1) Clean the pipes carefully from any residue, dribble or welding residue, to avoid any damage to the seal.
- 2) To be installed as required, preferably with actuator in upright position
- 3) Connect the pipes according to the reference points (flow direction) found on the valve body. Only disassemble actuator if required by customer.
- 4) Before taking the valve apart, depressurize the medium supply & piloted air supply from piping system

Notice

Features while select A type flow direction:

- 1) Increase service life
- 2) Prevent water impact when working medium is liquid Product with orifice size at $\phi 15$, $\phi 20$ or $\phi 25$ it is necessary to keep working pressure under 0.3MPa, otherwise double-action actuators should be adopted.
- 3) Product with orifice at $\phi 32$ or $\phi 40$, double-action actuators should be $\phi 100$
- 4) Product with orifice size at $\phi 50$, double-action actuator should be $\phi 125$

Features while select B type flow direction:

Sealing property can be increased under B type flow direction while medium is steam or liquid. If the V shape sealing contact with working media too long, in certain extent it will influence on service life. Apart from that, the anti-water impact does not exit when working medium is water

Orifice (mm)	Port Size D	Actuator Size(mm)		A	B		C	Φ E		F		G		H		L	S
		PA	Aluminium alloy		PA	Aluminium Alloy		PA	Aluminium Alloy	PA	Aluminium Alloy	PA	Aluminium Alloy				
15	G1/2	50	-	85	173	-	12	64	-	44	-	112	-	137	-	33	27
20	G3/4	50	-	95	178	-	12	64	-	44	-	112	-	145	-	35	32
25	G1	63	-	105	212	-	14	80	-	52	-	120	-	173	-	40	41
32	G1 1/4	63	100	110	236	276	16	80	140	52	70	120	138	189	250	35	55
40	G1 1/2	63	100	130	230	270	18	80	140	52	70	120	138	189	250	35	55
50	G2	80	125	150	238	300	20	100	170	52	83	120	151	250	260	38	70

JZF Series Stainless Steel Series Angle Valve



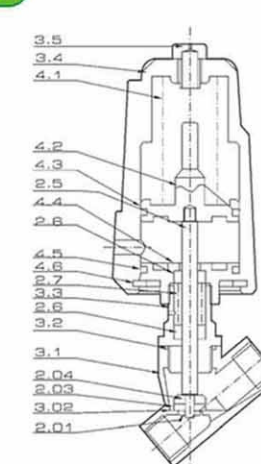
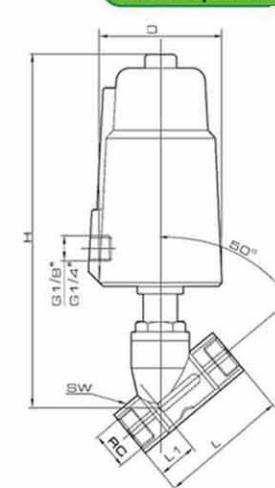
订购代号 / Ordering Code

Model	Orifice	Material	Mounting	Control Type
JZF:angle valve	15 32 20 40 25 50	1: SS304 2: SS316	F: flange 1:single action 2:double action	NC:normal close NO: normal open

规格/Specification

Connection Size	DN10-DN80
Port Size	3/8"-3"
Material of body	Stainless steel 304 or 316
Material of actuator	Stainless steel 304 or 316
Valve core seal	PTFE/FPM
Valve rod seal	PTFE/FPM
Piston seal	FPM/NBR
Suitable medium	Water, Neutral ai/liquid, Alcohol, Oil, Organic liquid, Steam, Weak acid or alkalescence
Medium temperature	PTFE:-10~200°C, FPM: -10~100°C
Stickness	Max. 600mm²/ sec.
Installation	Follow flow installation
Control medium	Air / Neutral air
Controlled pressure range	0.3-0.8MPa
Working pressure	0-1.6MPa

规格/Specification



Overall Dimension

DN	RC	L	L1	SW	H	D	Actuator
10	3/8"	55	17	21	120	51	40
15	1/2"	70	21	26.5	138	51	40
20	3/4"	76	23	32	154	62	50
25	1"	90	25	40	168	62	50
32	1 1/4"	116	32	50	200	76	63
40	1 1/2"	116	32	55.5	215	92	80
50	2"	138	40	68.5	230	92	80
65	2 1/2"	168	51	85	268	117	100
80	3"	192	54	100	325	140	125

Parts

2.01 Embolus	3.1 Valve body	4.1 Spring
2.02 Hole plate sealing	3.2 O-ring seal	4.2 Piston
2.03 Sealing disk	3.3 Thread connecting accessory	4.3 O-ring
2.04 Valve disk	3.4 Cylinder	4.4 Valve cover
2.5 Valve rod	3.5 Decorating cover	4.5 O-ring
2.6 V shape matial feeding		4.6 Pressure receipt ring
2.7 Spring		

HERION 802 / 2630 / 263 Series Solenoid Valve



订购代号 / Ordering Code

802	0	750	B
Series Code	Initial Status	Aperture of Flow Rate	Connection
802 : 3/2way solenoid valve	0: normal close type 1: double electro-control 2: normal open	750: 6mm 850: 12mm	Blank: pipe connection type B: plate connection type

2630	60	0	B
Series Code	Control Type	Exhaust Type	Connection
2630: 4/2way solenoid valve	60: single electro-control 70: double electro-control	0: direct exhaust 1: soleplate exhaust	Blank: pipe connection type B: Plate connection type

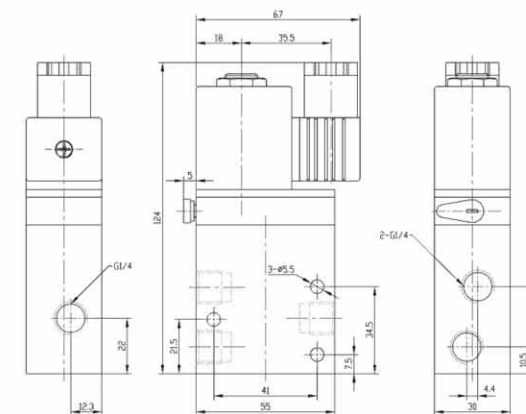
263	6000	B
Series Code	Bore & Control Type	Connection
263: 5/2way solenoid valve	6000: 6mm bore single electro-control 6200: 6mm bore double electro-control 7050: 12mm bore single electro-control 7250: 12mm bore double electro-control	Blank: pipe connection type B: plate connection type

规格/Specification

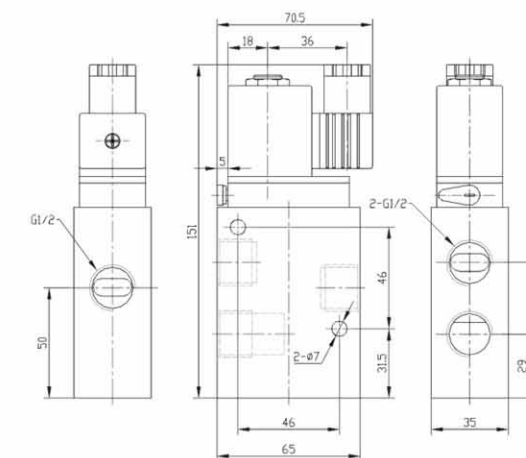
型号/Model	8020750	8022750	8021750	8020850	8022850	2630600	2636000	2636200	2637050	2637250
Working Medium	经40微米过滤的空气/40 Micron Filtered Air					Two-Position Four-Way Inlet=Outlet=Exhaust=G1/8				
Valve Type	Two-Position Three-Way			Two-Position Five-Way			Two-Position Five-Way			
Port Size	Inlet=Outlet port=G1/4		Inlet=Outlet port=G1/2		Inlet=Outlet=Exhaust port=G1/4		Inlet=Outlet=Exhaust port=G1/2			
Working Temperature	5~50℃(41~122℉)					Inlet=Outlet=Exhaust port=G1/4				
Orifice Size	10mm ⅜(Cv=0.56)		40mm ⅝(Cv=2.23)		4mm ⅛(Cv=0.23)		10mm ⅜(Cv=0.56)		40mm ⅝(Cv=2.23)	
Working Pressure	0.15~1.0Mpa									
Max. Proof Pressure	1.2Mpa									
Protection Class	IP65(DIN40050)									
Insulation Class	F									
Working Form	Lead Wire or Connector Type									
Voltage Range	±10%									

外形尺寸/Overall Dimension

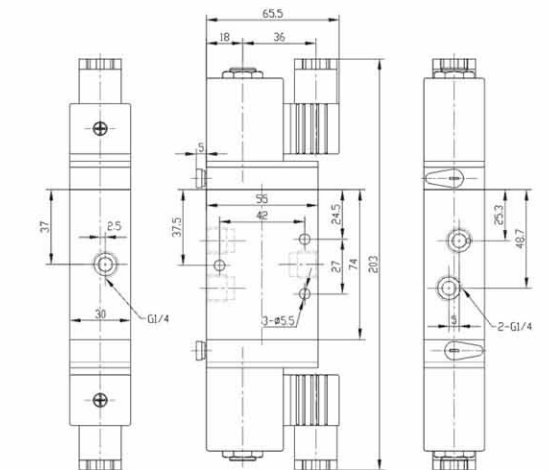
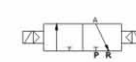
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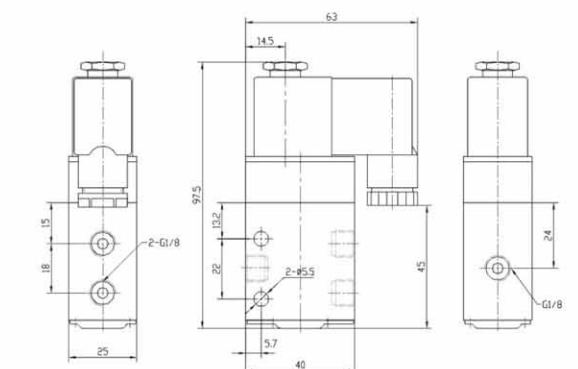
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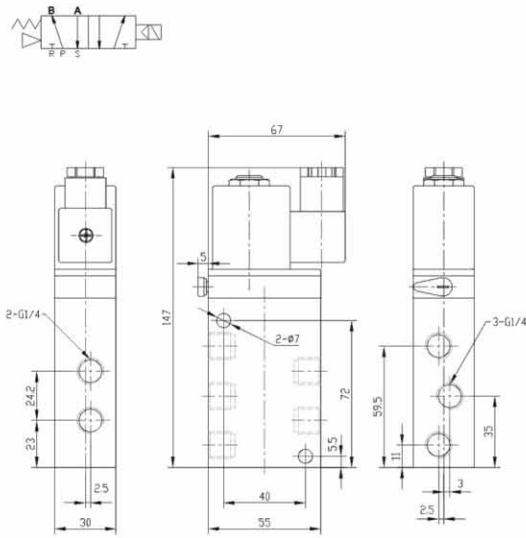


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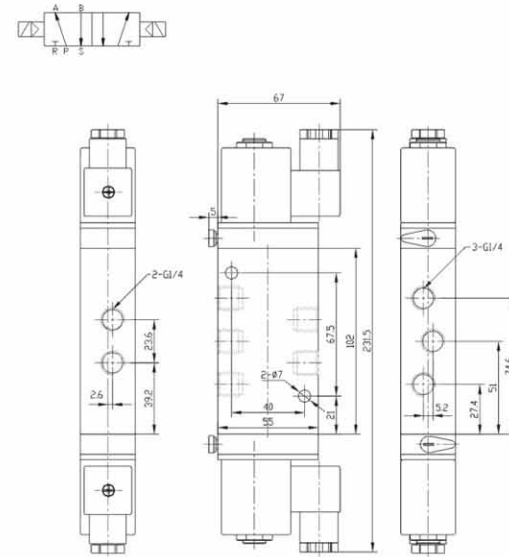


外形尺寸/Overall Dimension

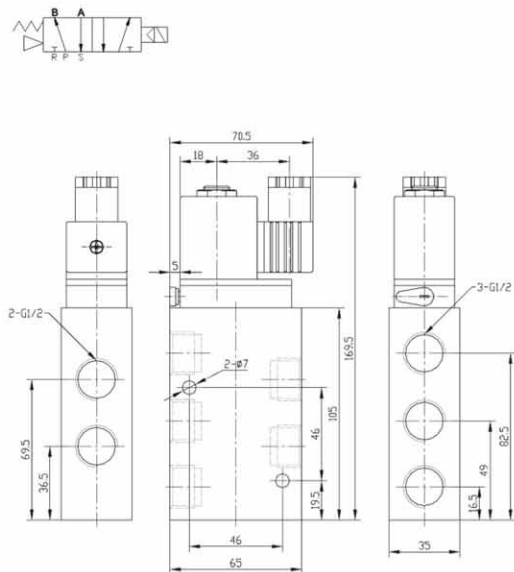
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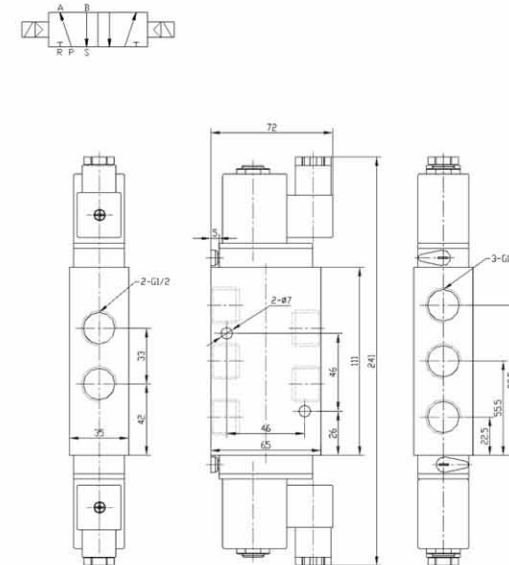
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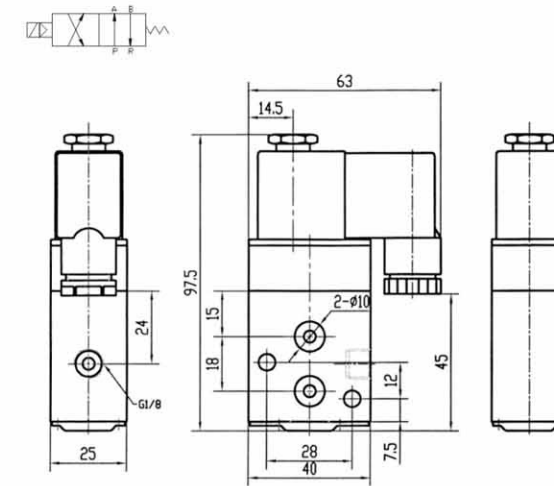
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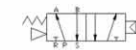
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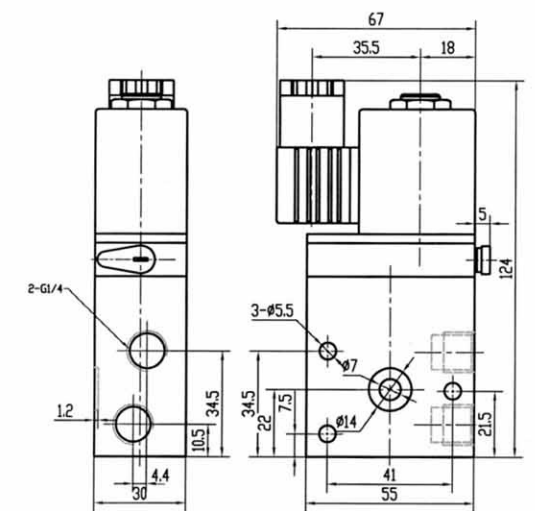
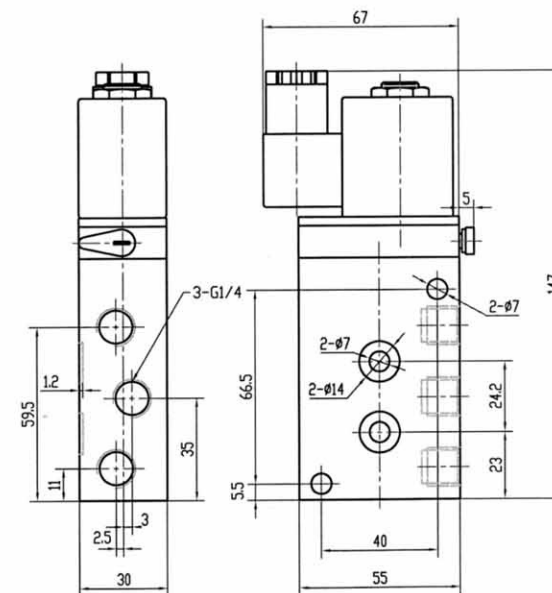
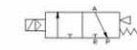
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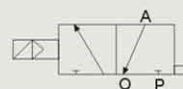
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8020750B



图形符号 / GraPhic symbol



订购代号 / Ordering Code

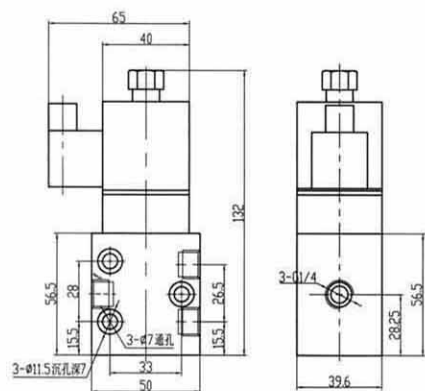
Model	Type	Control Type	Port Size
H:high pressure solenoid valve	23 : 3/2way	D:electronic control	08:G1/4" 15:G1/2"



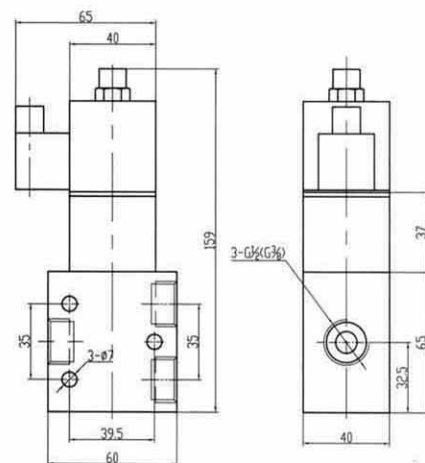
规格/Specification

Model	H23D-08	H23D-08P2	H23D-15	H23D-15P2
Port Size	G1/4		G1/2	
Orifice Size	8		15	
Pressure Range	0.15-2.4MPa	0.15-3MPa	0.15-2.4MPa	0.15-3MPa
Converting Time	≤0.04S		≤0.8S	
Effective Sectional Area	≥20mm ²		≥60mm ²	
Ambient Temperature	5~50℃			
Working Life Time	≥2,000 000 times		≥1,500 000 times	

Type:H23D-08



Type:H23D-15



ST Series Shuttle Valve



ST-01

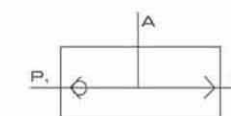


ST-02

订购代号 / Ordering Code

ST	02
Model	Port Size
ST: shuttle valve	01: G1/8"
	02: G1/4"
	03: G3/8"
	04: G1/2"
	06: G3/4"
	08: G1"

Symbol

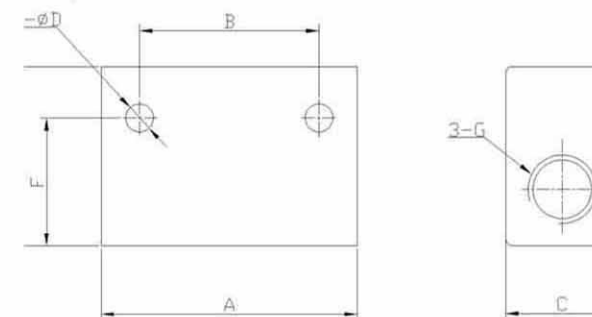


规格/Specification

Model	ST-01	ST-02	ST-03	ST-04	ST-06	ST-08
Working Medium	Air					
Port Size	G1/8"	G1/4"	G3/8"	G1/2"	G3/4"	G1"
Effective Sectional Area	7.5mm ²	21mm ²	40mm ²	60mm ²	110mm ²	190mm ²
Working Pressure	0~1.0MPa					
Ambient Temperature	0~60°C					

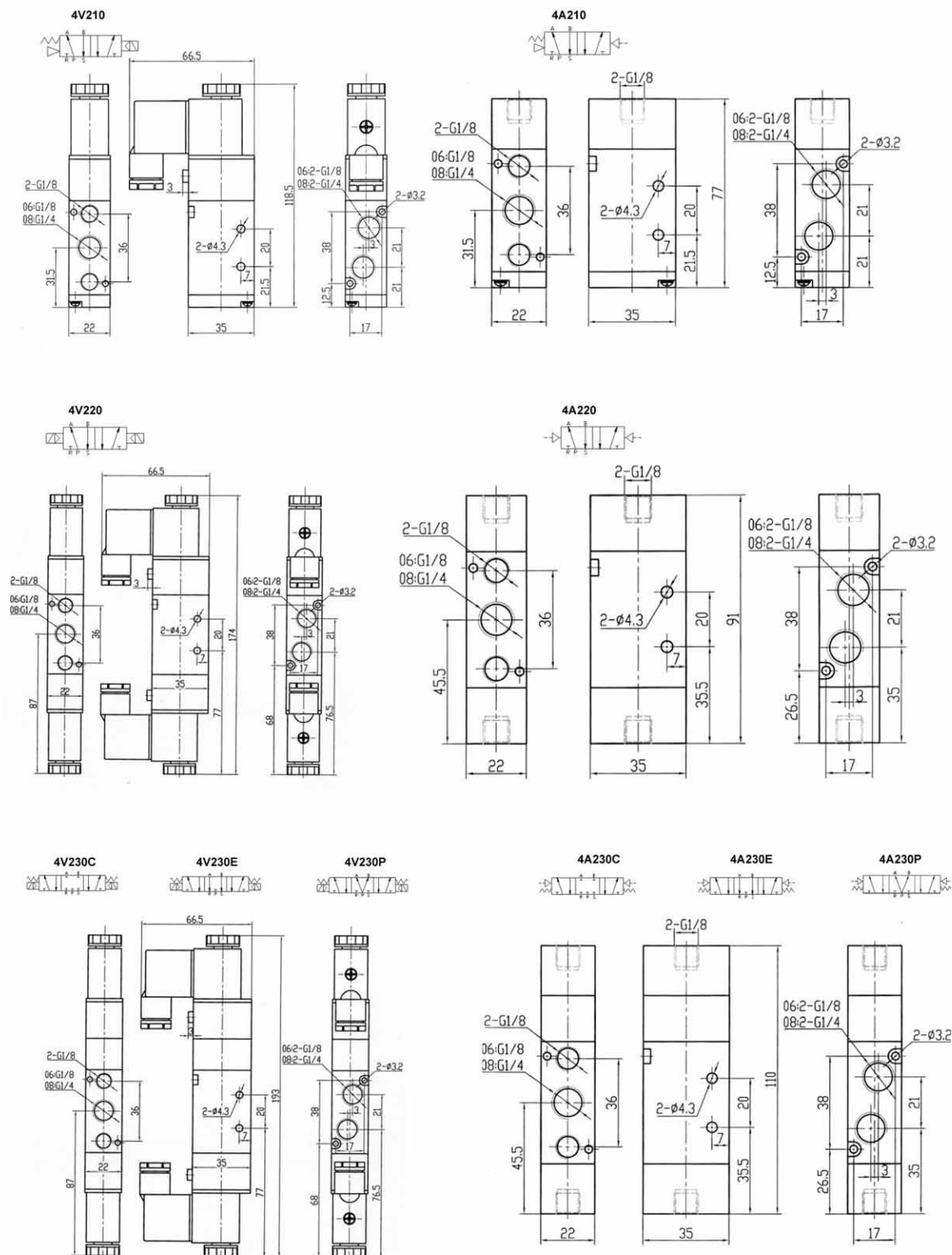
外形尺寸/Overall Dimension

ST Series

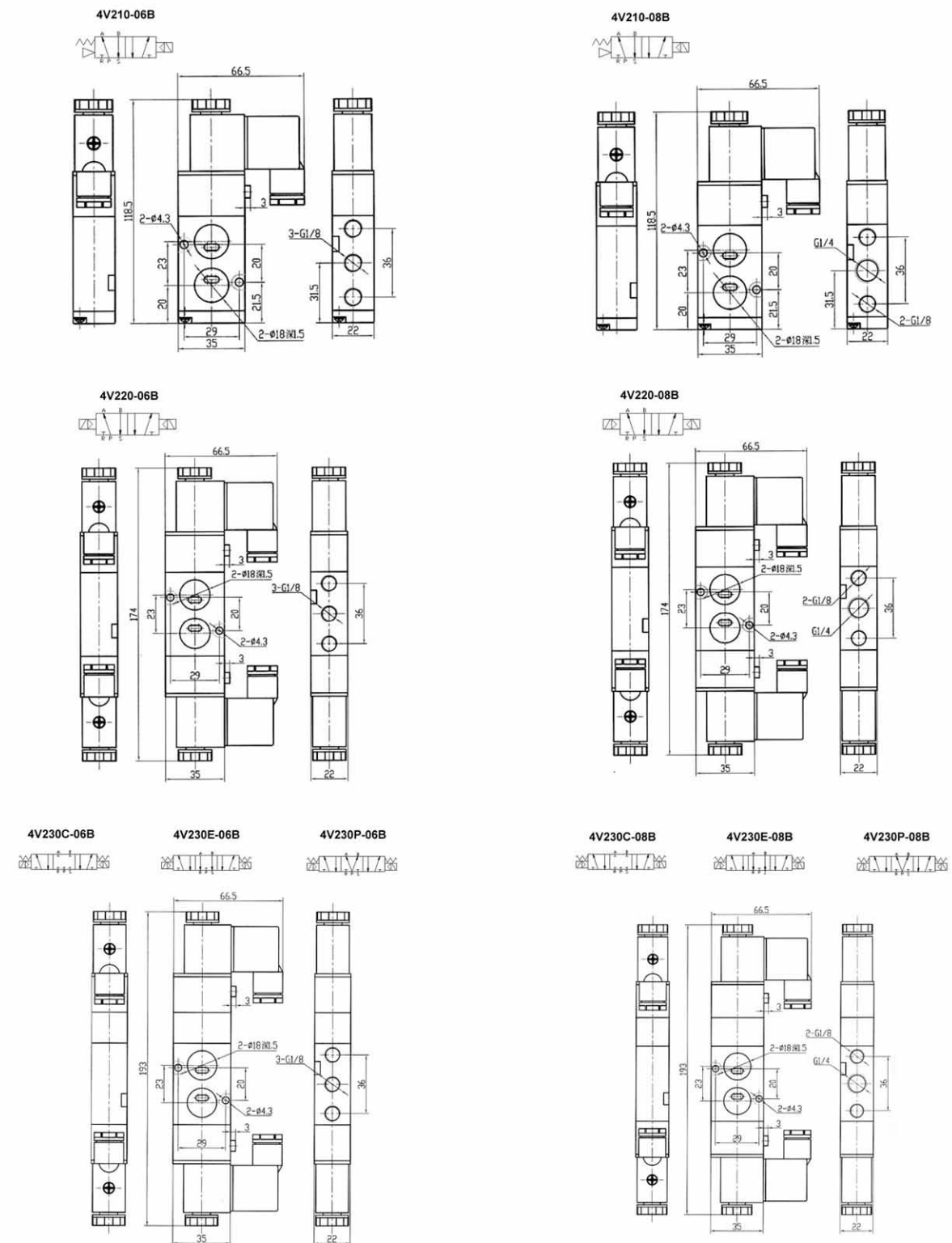


Model Symbol	A	B	C	D	E	F	G
ST-01	40	24	16	4.5	25	20.5	G1
ST-02	50	35	22	5.5	35	25	G1
ST-03	75	48	30	7	50	42	G3
ST-04	75	48	30	7	50	42	G1
ST-06	110	72	40	7	70	58	G3
ST-08	110	72	40	7	70	58	G1

外形尺寸/Overall Dimension



外形尺寸/Overall Dimension



100 Series Solenoid Valve / Air Valve

订购代号 / Ordering Code

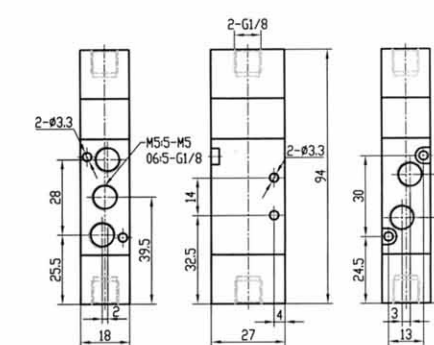
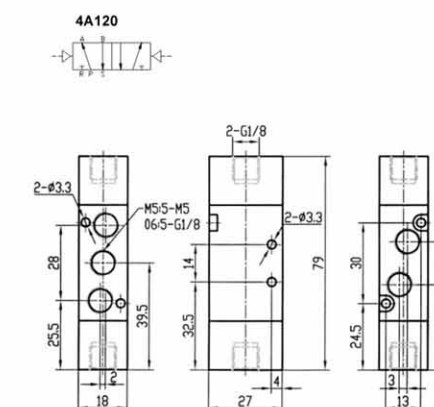
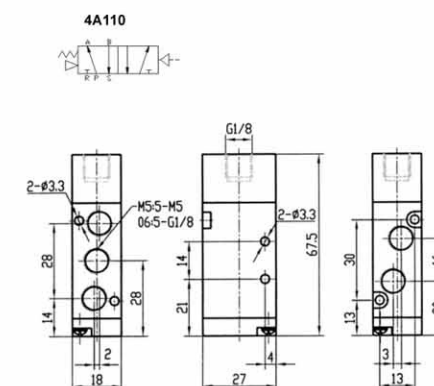
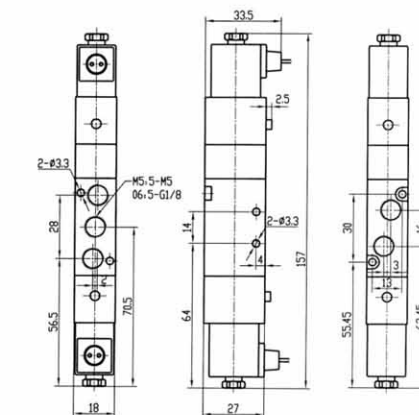
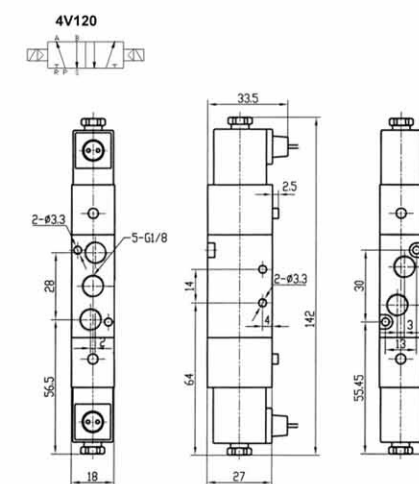
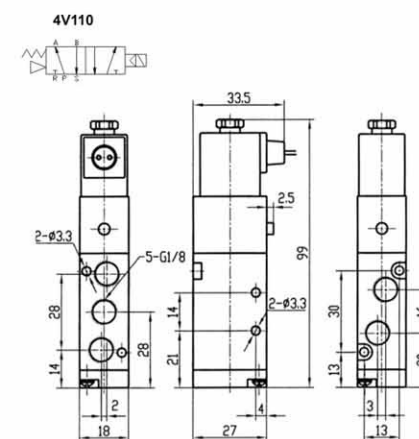
4V	1	10	-	06	-	B	-	W	-	DC24V
Model	Series Code	Coil & Type	-	Port Size	-	Connection & Initial status	-	Wiring Form	-	Voltage
4V: 5/2(3)way solenoid valve 4A: 5/2(3)way air pilot valve 3V: 3/2way solenoid valve 3A: 3/2way air pilot valve	1: 100 Series	10: single-coil double-position 20: double-coil double-position 30C: double-coil, three-position closed center 30E: double-coil, three-position exhaust center 30P: double-coil, three-position pressure center	-	M5: M5X0.8 06: G1/8"	-	Blank: pipe connection type B: plate connection type NC: normal close for 3/2way NO: normal open for 3/2way	-	Blank: Standard connector (connector without light) LD: brown with lighting connector LD1: white with lighting connector W: lead wire type	-	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ



规格/Specification

型号/Model	3V110-M5	3V120-M5	3V110-06	3V120-06	4V110-M5	4V120-M5	4V130C-M5	4A130E-M5	4V130P-M5	4V110-06	4V120-06	4V130C-06	4V130E-06	4V130P-06
Working Medium	经40微米过滤的空气/40 Micron Filtered Air													
Action	Internal Piloted													
Port Size	Inlet=Outlet port=M5		Inlet=Outlet port=G1/8		Inlet=Outlet=Exhaust Port=M5					Inlet=Outlet=Exhaust port=G1/8''				
Valve Type	Two-Position Three-Way				Two-Position Five-Way					Three-Position Five-Way		Two-Position Five-Way		
Working Temperature	5~50℃(41~122 F)													
Orifice Size	5.5mm mℓ(Cv=0.31)		12m mℓ(Cv=0.67)		5.5mm mℓ(Cv=0.31)		5mm mℓ(Cv=0.28)		12m mℓ(Cv=0.67)		9mm mℓ(Cv=0.5)			
Working Pressure	0.15~0.8Mpa													
Max. Proof Pressure:	1.2Mpa													
Power Consumption	AC:4.5VA DC:3W													
Protection Classs	IP65(DIN40050)													
Insulation	F Class													
Wiring Form	Lead Wire or Connector Type													
Voltage Range	±10%													
Max. Frequency	5 Cycle/Sec					3 Cycle/Sec			5 Cycle/Sec		3 Cycle/Sec			
Mini Response Time	0.05 Second													

外形尺寸/Overall Dimension



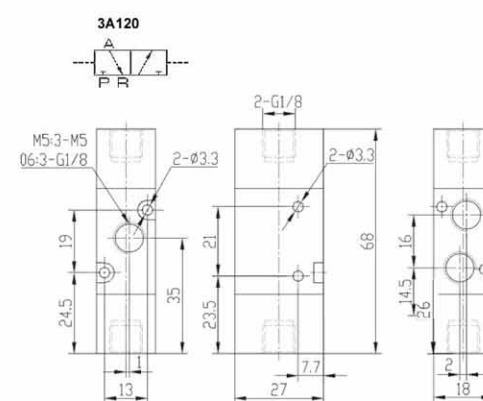
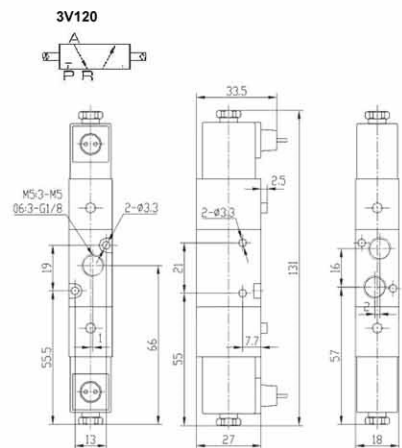
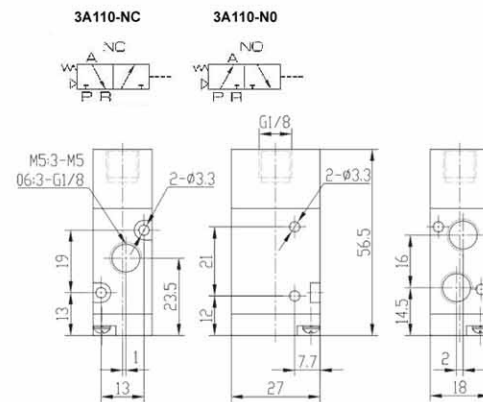


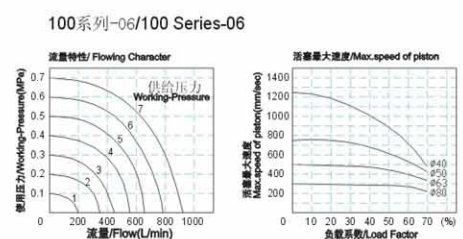
Figure 1 consists of two graphs illustrating the performance characteristics of the hydraulic pump.

Left Graph: Working Pressure vs. Flow

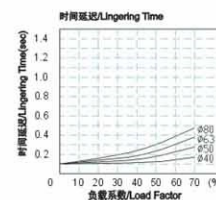
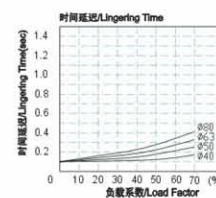
- Y-axis:** Working-Pressure (MPa) (工作压力/Working-Pressure (MPa))
- X-axis:** Flow (L/min) (流量/Flow (L/min))
- Curves:** The graph shows seven curves representing different supply pressures (供给压力/Working-Pressure), labeled 1 through 7. The curves indicate that as flow increases, the working pressure decreases for a given supply pressure.

Right Graph: Max. speed of piston vs. Load Factor

- Y-axis:** Max. speed of piston (mm/sec) (活塞最大速度/Max. speed of piston (mm/sec))
- X-axis:** Load Factor (%) (负载系数/Load Factor (%))
- Curves:** The graph shows three curves representing different piston diameters: $\phi 40$, $\phi 50$, and $\phi 63$. The curves indicate that as the load factor increases, the maximum speed of the piston decreases.



电磁阀型号/Value model
4V100系列/4V100series



4V	2	10	-	08	-	B	-	LD	-	DC24V
Model	Series Code	Coil & Type	-	Port Size	-	Connection & Initial status	-	Wiring Form	-	Voltage
4V: 5/2(3)way solenoid valve 4A: 5/2(3)way air pilot valve 3V: 3/2way solenoid valve 3A: 3/2way air pilot valve	2: 200 Series	10: single-coil double-position 20: double-coil double-position 30C: double-coil, three-position closed center 30E: double-coil, three-position exhaust center 30P: double-coil, three-position pressure center	-	06: G1/8" 08: G1/4"	-	Blank: pipe connection type B: plate connection type NC: normal close for 3/2way NO: normal open for 3/2way	-	Blank: Standard connector (connector without light) LD: brown with lighting connector LD1: white with lighting connector W: lead wire type	-	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ

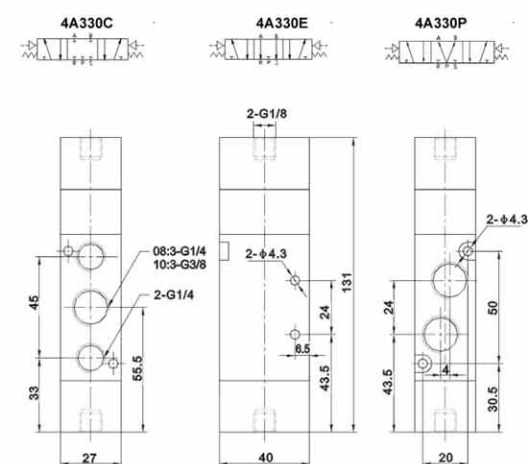
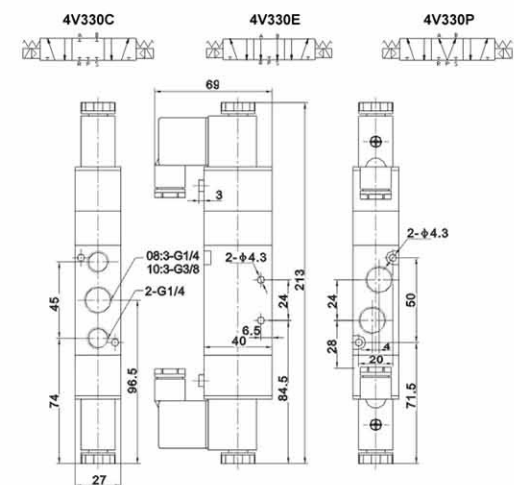
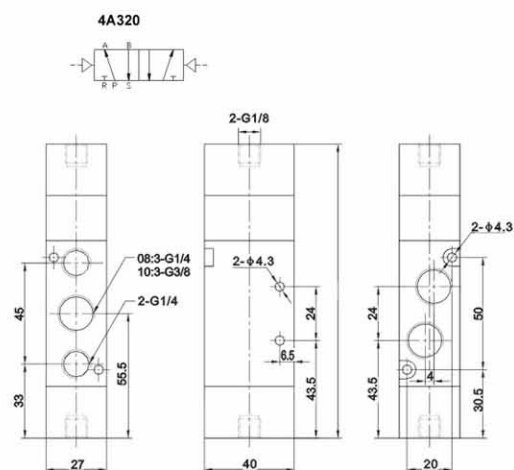
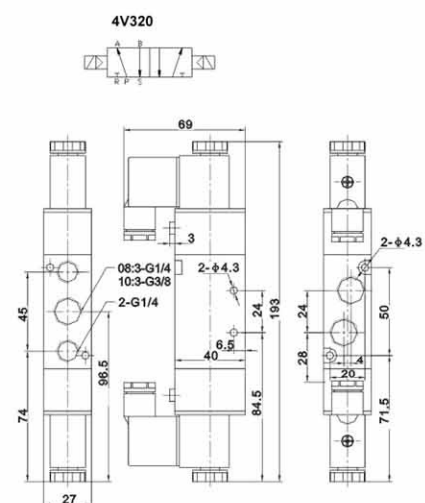
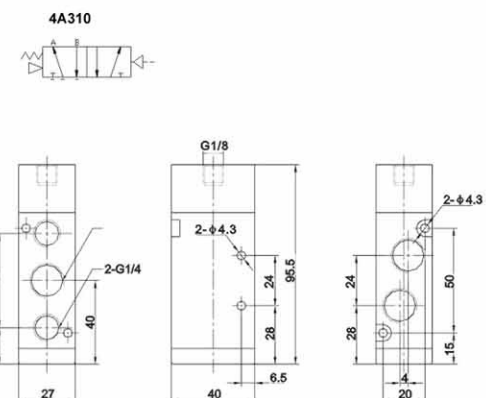
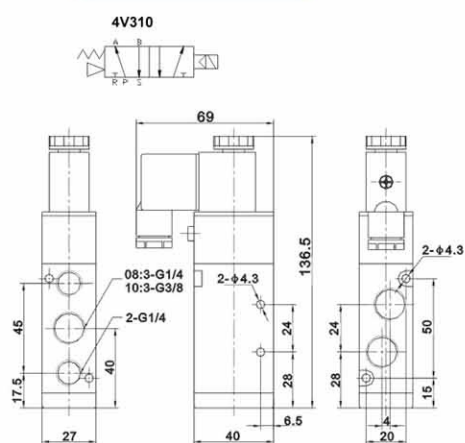


型号/Model	2V210-06	3V220-06	3V210-08	3V220-08	4V210-06	4V220-06	4V230C-06	4V230E-06	4V230P-06	4V210-08	4V220-08	4V230C-08	4V230E-08	4V230P-08
Working Medium	经40微米过滤的空气/40 Micron Filtered Air													
Action	Internal Piloted													
Port Size	Inlet=Outlet port=G1/8		Inlet=Outlet port=G1/4		Inlet=Outlet=Exhaust Port= G1/8					Inlet=Outlet port=G1/4 Exhaust port=G1/8				
Valve Type	Two-Position Three-Way				Two-Position Five-Way		Three-Position Five-Way			Two-Position Five-Way		Three-Position Five-Way		
Working Temperature	5~50℃(41~122 F)													
Orifice Size	14mm ³ (Cv=0.78)		16mm ³ (Cv=0.89)		5.5mm ³ (Cv=0.31)		5mm ³ (Cv=0.28)			12mm ³ (Cv=0.67)		9mm ³ (Cv=0.5)		
Working Pressure	0.15~0.8Mpa													
Max. Proof Pressure:	1.2Mpa													
Power Consumption	AC:4.5VA DC:3W													
Protection Classs	IP65(DIN40050)													
Insulation	F Class													
Wiring Form	Lead Wire or Connector Type													
Voltage Range	±10%													
Max. Frequency	5 Cycle/Sec				5 Cycle/Sec		3 Cycle/Sec			5 Cycle/Sec		3 Cycle/Sec		
Mini Response Time	≤0.05 Second													

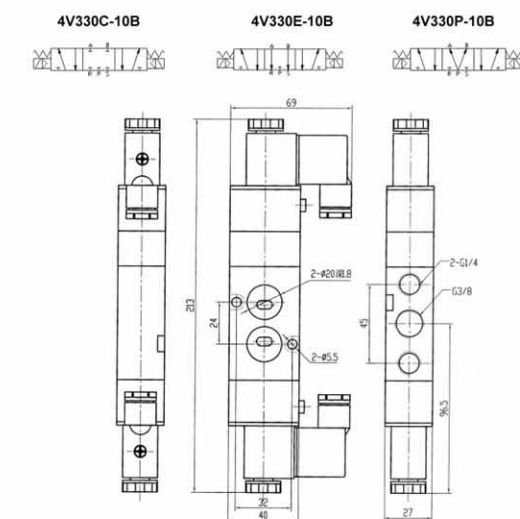
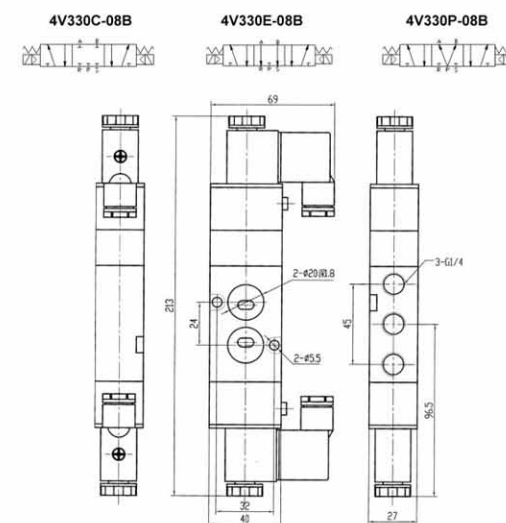
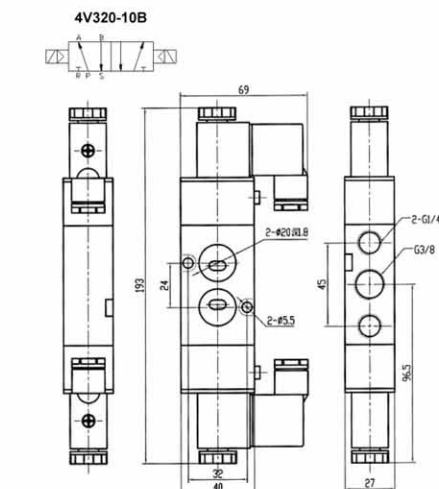
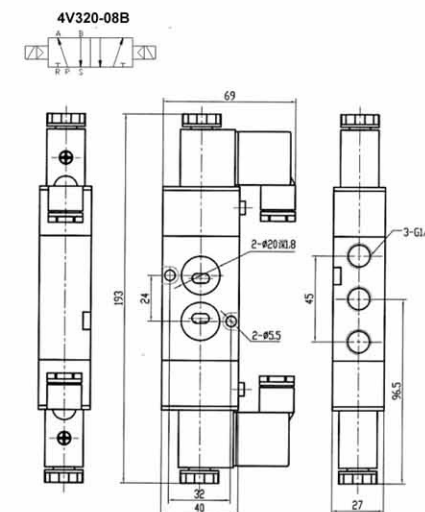
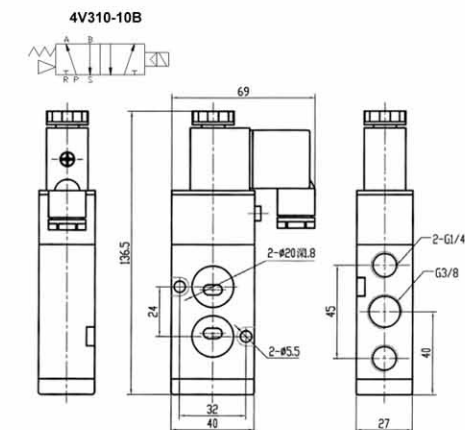
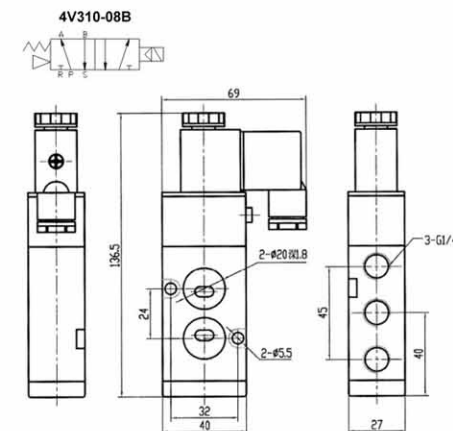
300 Series Solenoid Valve & Air Valve

型号/Model	3V310-08	3V320-08	3V310-10	3V320-10	4V310-08	4V320-08	4V330C-08	4V330E-08	4V330P-08	4V310-10	4V320-10	4V330C-10	4V330E-10	4V330P-10
	3A310-08	3A320-08	3A310-10	3A320-10	4A310-08	4A320-08	4A330C-08	4A330E-08	4A330P-08	4A310-10	4A320-10	4A330C-10	4A330E-10	4A330P-10
Working Medium	经40微米过滤的空气/40 Micron Filtered Air													
Action	Internal Piloted													
Port Size	Inlet=Outlet port=G1/4		Inlet=Outlet port=G3/8		Inlet=Outlet=Exhaust port=G1/4				Inlet=Outlet port=G3/8 Exhaust port=G1/4					
Valve Type	Two-Position Three-Way			Two-Position Five-Way		Three-Position Five-Way			Two-Position Five-Way		Three-Position Five-Way			
Working Temperature	5~50℃(41~122 F)													
Orifice Size	25mm $\frac{1}{4}$ "(Cv=1.39)		30mm $\frac{1}{4}$ "(Cv=1.67)		25mm $\frac{1}{4}$ "(Cv=1.39)		18mm $\frac{1}{4}$ "(Cv=1.00)		30mm $\frac{1}{4}$ "(Cv=1.67)		18mm $\frac{1}{4}$ "(Cv=1.00)			
Working Pressure	0.15~0.8Mpa													
Max. Proof Pressure	1.2Mpa													
Power Consumption	AC:4.5VA DC:3W													
Protection Classs	IP65(DIN40050)													
Insulation	F级													
Wiring Form	Lead Wire or Connector Type													
Voltage Range	±10%													
Max. Frequency	5 Cycle/Sec			5 Cycle/Sec		3 Cycle/Sec			5 Cycle/Sec		3 Cycle/Sec			
Mini Response Time	0.05 Second													

外形尺寸/Overall Dimension



外形尺寸/Overall Dimension



400 Series Solenoid Valve & Air Valve

Model	Series Code	Coil & Type	Port Size	Connection & Initial status	Wiring Form	Voltage
A: 5/2(3)way solenoid valve A: 5/2(3)way air pilot valve A: 3/2way solenoid valve A: 3/2way air pilot valve	4: 400 series	10: single-coil double-position 20: double-coil double-position 30C: double-coil, three-position closed center 30E: double-coil, three-position exhaust center 30P: double-coil, three-position pressure center	15: G1/2"	Blank: pipe connection type B: plate connection type NC: normal close for 3/2way NO: normal open for 3/2way	Blank: Standard connector (connector without light) LD: brown with lighting connector LDT: white with lighting connector W: lead wire type	DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ



试验条件/Test Condition

压力/Pressure
0.5MPa

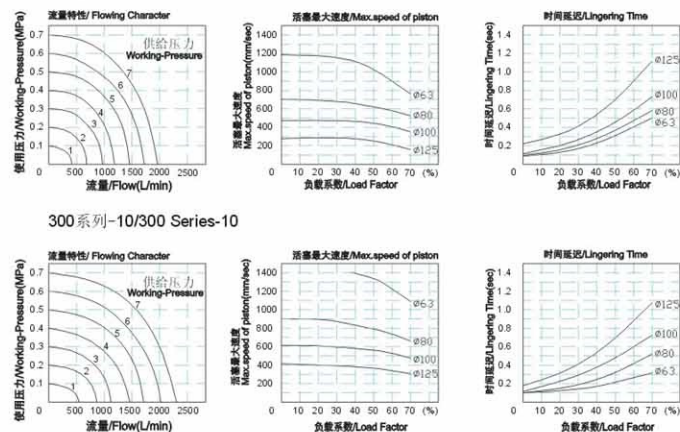
使用接管/Tube
PU管(Pipe)10X7.5 内径(Bore): 7.5mm

使用接头/Fitting
4V310-08: PC10-02
4V310-10: PC10-03

负载系数/Load Factor

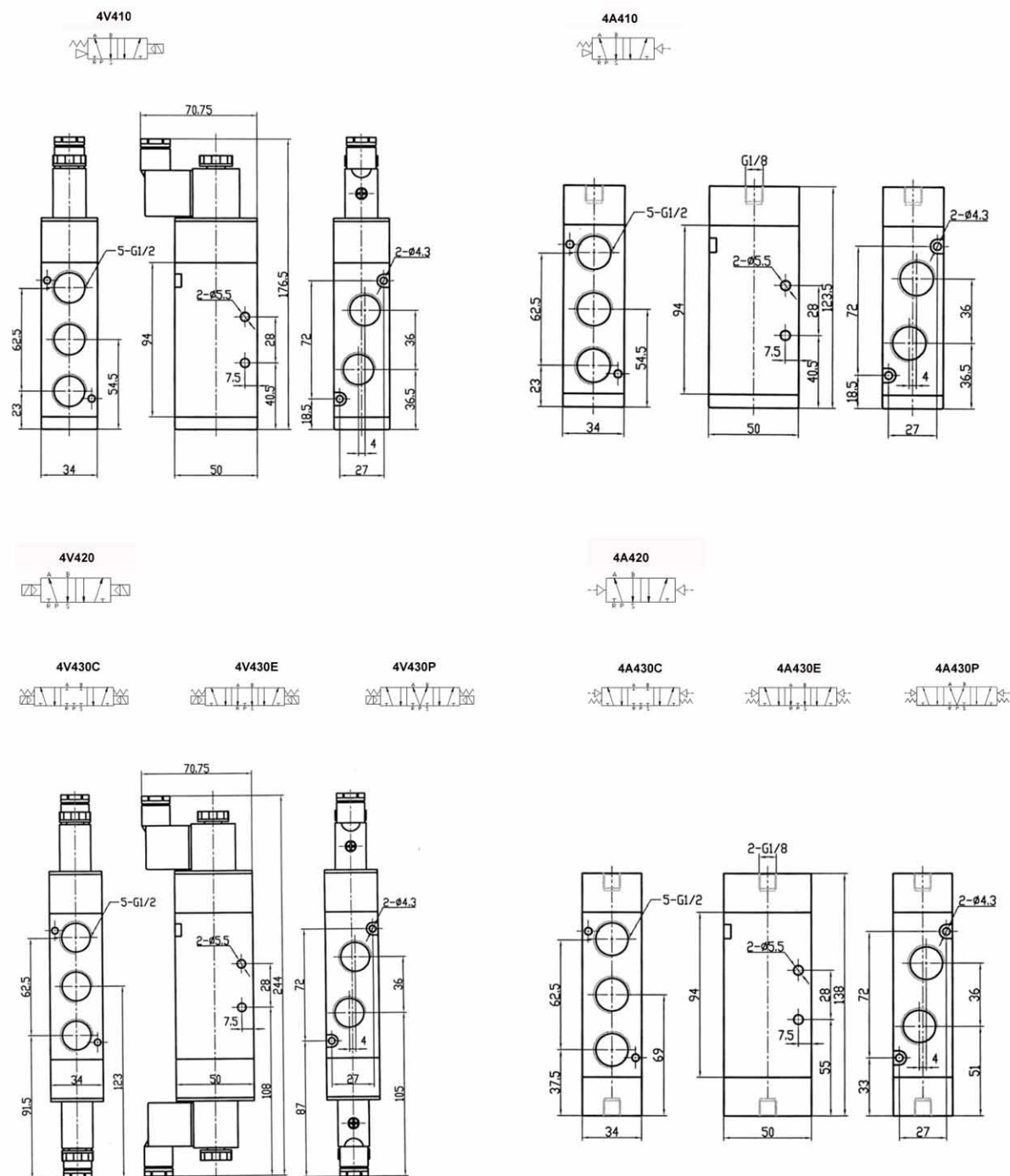
负载系数 = $\frac{\text{负载 Load}}{\text{气缸理论推力 Cylinder theoretical output power}} \times 100\%$
 Load Factor
 气缸行程/Cylinder Stroke
 300mm

电磁阀型号/Value model
4V300系列/4V300series

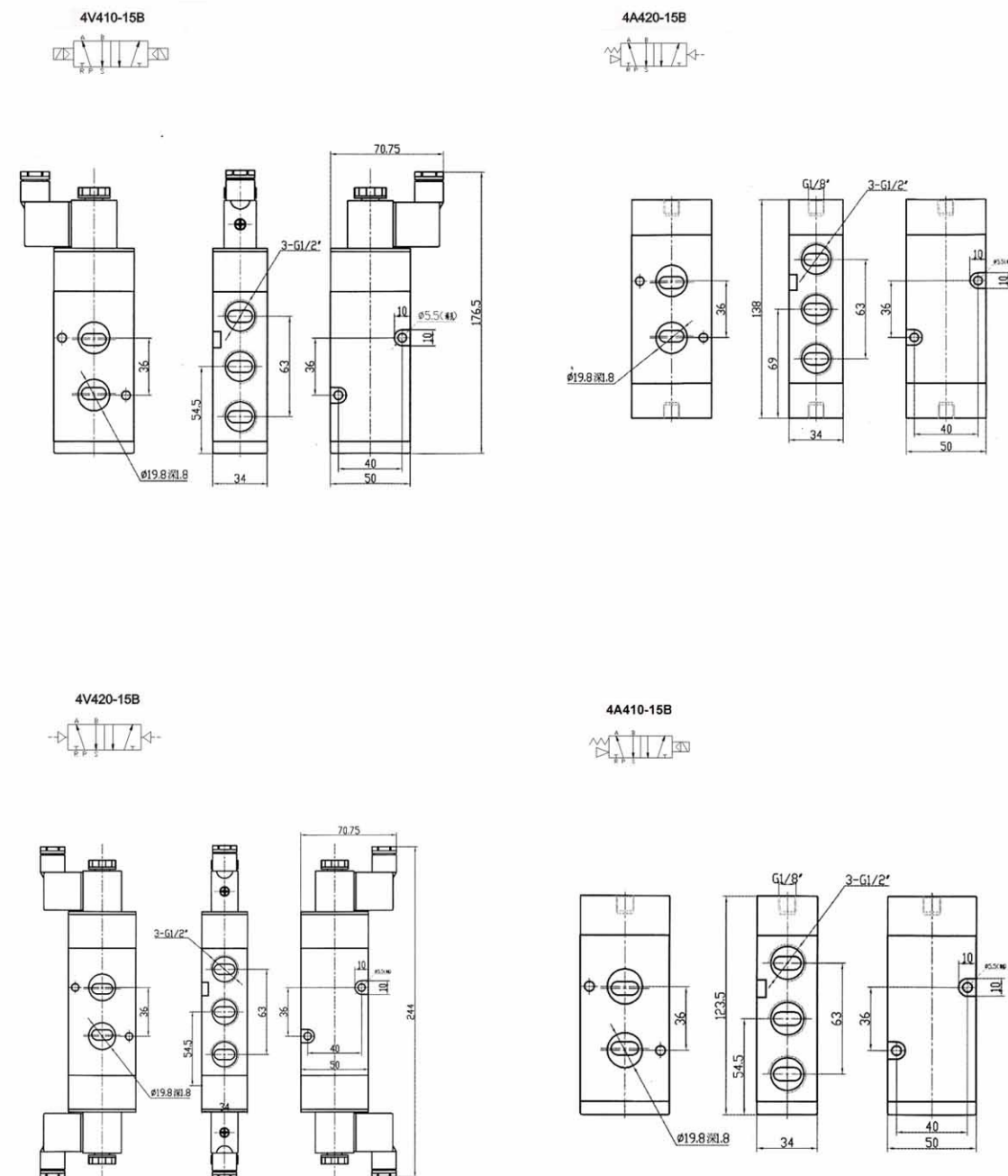


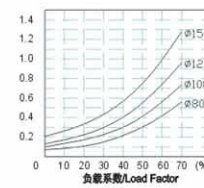
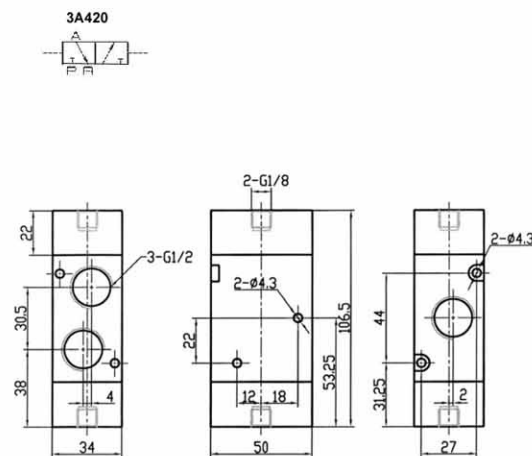
规格/Specification

外形尺寸/Overall Dimension



外形尺寸/Overall Dimension





压力/Pressure
0.5MPa

使用接管/Tube
PU管(Pipe)12X8 内径(Bore): 8mm

使用接头/Fitting
4V410-15: PC12-04

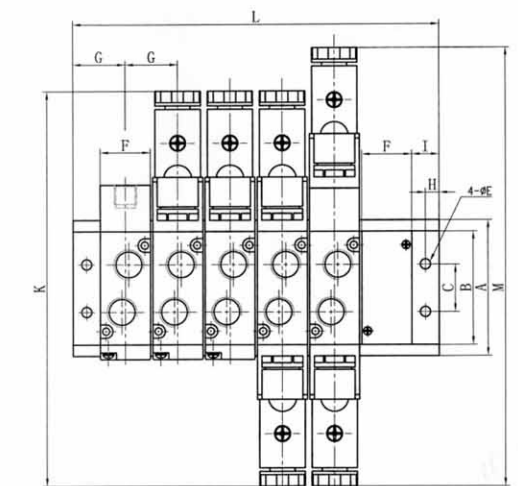
负载系数/Load Factor

负载系数 = $\frac{\text{负载 Load}}{\text{气缸理论推力 Cylinder theoretical output power}}$ X100%

气缸行程/Cylinder Stroke
300mm

电磁阀型号/Value model
4V400系列/4V400series

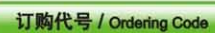
Series Code	Joint Numbe
100M: manifold for 100 series valve	1~20F
200M: manifold for 200 series valve	1~20F
300M: manifold for 300 series valve	1~20F
400M: manifold for 400 series valve	1~20F



型号/符号 Model / Symbol	A	B	C	E	F	G	H	I	K	L	M	Q	R	S	W	X	Y
100M-□F	60	43	20	4.3	18	19	5	10	142	(n-1)x19+38	157	G1/4	40	30	60.5	25	27
200M-□F	60	50	21	4.5	22	23	6	12	174	(n-1)x23+46	193	G1/4	43	32	91.5	25	35
300M-□F	75	60	26	4.5	27	28	6	14.5	193	(n-1)x28+54	213	G3/8	53	48	100	31	40
400M-□F	100	95	32	5.5	34	35	7	18	244	(n-1)x35+63	244	G1/2	68	67	113	42	50

200M	B
100M: 100 series valve	B: blanking plate for manifold
200M: 200 series valve	C: sealing gasket for manifold
300M: 300 series valve	D: screw for manifold
400M: 400 series valve	

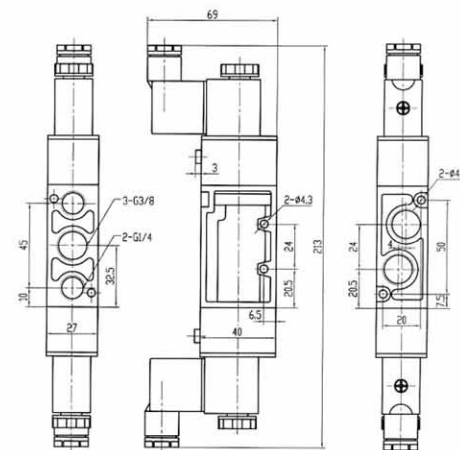
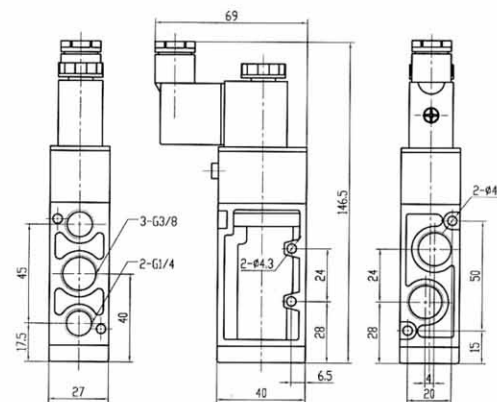
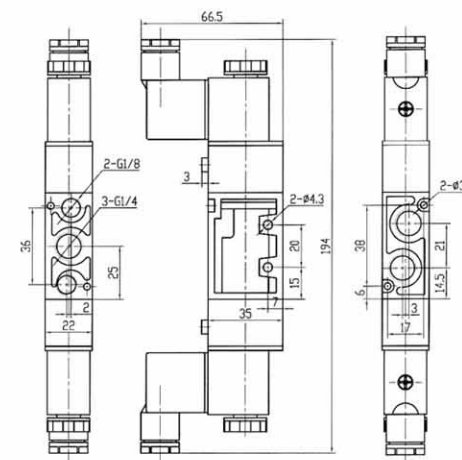
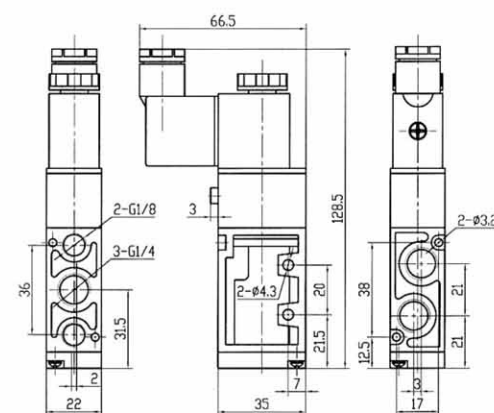
外形尺寸/Overall Dimension



V	52	2	S	LD	AC220V
Series	Way & Port	Port Size	Coil & position type	Wiring Type	Voltage
V: Solenoid Valve	52: 5/2way	1: G1/8"	S: Single-coil double-position	Blank: Standard connector (connector without light)	DC12V
A: Air Control Valve	53: 5/3way	2: G1/4"	D: Double-coil double position	LD: Brown with lighting connector	DC24V
	32: 3/2way	3: G3/8"	C: Double-coil three-position closed center type	LD1: White with lighting connector	AC24V 50HZ/60HZ
	22: 2/2way	4: G1/2"	E: Double-coil three-position exhaust center type	W: Lead wire type	AC110V 50HZ/60HZ
			P: Double-coil three-position pressure center type		AC220V 50HZ/60HZ
					AC380V 50HZ/60HZ

规格/Specification

型 号/Model	V522S	V522D	V532C(E/P)	V523S	V523D	V533C(E/P)	V524S	V524D	V534C(E/P)
Working Medium	经40微米过滤的空气/40 Micron Filtered Air								
Action	Internal Piloted								
Port Size	Inlet=Outlet=G1/4 Exhaust=G1/8			Inlet=Outlet=G3/8 Exhaust=G1/4			Inlet=Outlet=Exhaust=G1/2		
Valve Type	Two-Position Five-Way		Three-Position Five-Way	Two-Position Five-Way		Three-Position Five-Way	Two-Position Five-Way		Three-Position Five-Way
Orifice Size	14mm ² (Cv=0.78)		12mm ² (Cv=0.69)	25mm ² (Cv=1.39)		18mm ² (Cv=1.00)	50mm ² (Cv=2.79)		30mm ² (Cv=1.67)
Working Temperature	5~50°C(41~122°F)								
Working Pressure	0.15~0.8Mpa								
Max. Proof Pressure	1.2Mpa								
Power Consumption	AC:4.5VA DC:3W								
Protection Classs	IP65(DIN40050)								
Insulation	F								
Wiring Form	Lead Wire or Connector Type								
Voltage Range	±10%								
Max. Frequency	5 Cycle/Sec								
Mini Response Time	0.05 Second								



VF / VZ Series Solenoid Valve



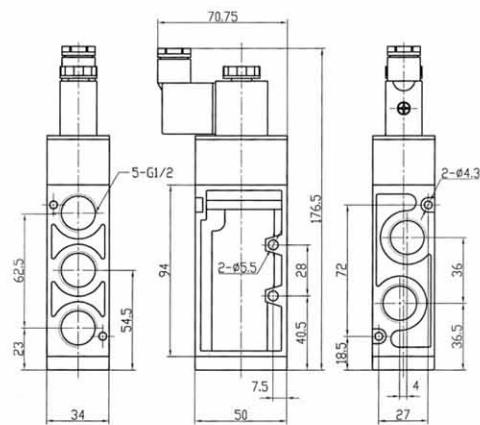
订购代号 / Ordering Code

VF3	1	30	LD	DC24V
Series	Coil & Position	Order No.	Wiring Type	Voltage
VF3 Series	1:Single-coil double-position	VF3:30	Blank: Standard connector	DC12V
VF5 Series	2:Double-coil double position	VF5:20	(connector without light)	DC24V
VZ5 Series	3:Double-coil three-position closed center type	VZ5:20	LD: Brown with lighting connector	AC24V 50HZ/60HZ
	4:Double-coil three-position exhaust center type		LD1: White with lighting connector	AC110V 50HZ/60HZ
	5:Double-coil three-position pressure center type		W: Lead wire type	AC220V 50HZ/60HZ
				AC380V 50HZ/60HZ

规格/Specification

型号/Model	VF3130	VF3230	VF33(4/5)30	VF5120	VF5220	VF53(4/5)20	VZ5120	VZ5220	VZ53(4/5)20
Working Medium	经40微米过滤的空气/40 Micron Filtered Air								
Action	Internal Piloted								
Port Size	Inlet=Outlet port=G1/4 Exhaust port=G1/8			Inlet=Outlet=Exhaust port=G3/8			Inlet=Outlet=Exhaust port=G1/8		
Valve Type	Two-Position Five-Way		Three-Position Five-Way	Two-Position Five-Way		Three-Position Five-Way	Two-Position Five-Way		Three-Position Five-Way
Orifice Size	14mm $\text{mm}^3(\text{Cv}=0.78)$		12mm $\text{mm}^3(\text{Cv}=0.69)$	25mm $\text{mm}^3(\text{Cv}=1.39)$		18mm $\text{mm}^3(\text{Cv}=1.00)$	12mm $\text{mm}^3(\text{Cv}=0.67)$		9mm $\text{mm}^3(\text{Cv}=0.50)$
Working Temperature	5~50℃(41~122℉)								
Working Pressure	0.15~0.8Mpa								
Max. Proof Pressure	1.2Mpa								
Power Consumption	AC:4.5VA DC:3W								
Protection Classs	IP65(DIN40050)								
Insulation	F								
Wiring Form	Lead Wire or Connector Type								
Voltage Range	±10%								
Max. Frequency	5 Cycle/Sec								
Mini Response Time	0.05 Second								

TYPE: V524S



TYPE:

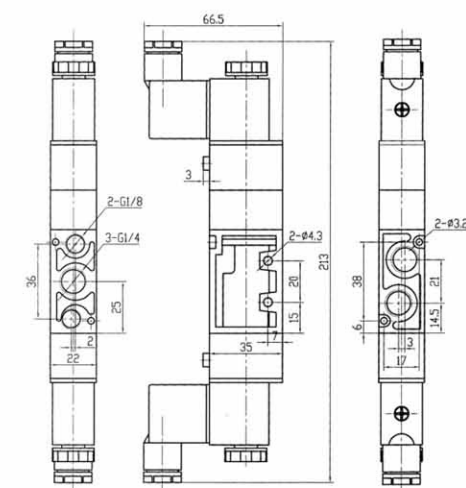
V532C



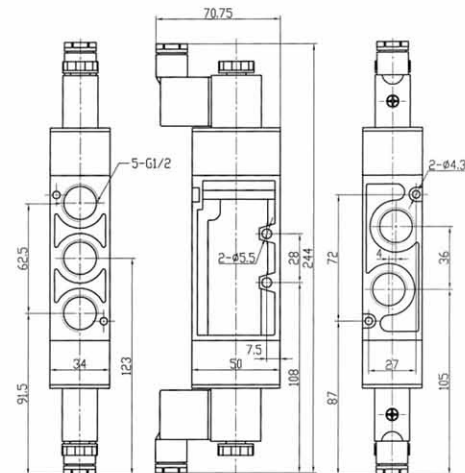
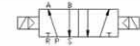
V532E



V532P

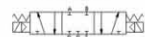


TYPE: V524D

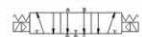


TYPE:

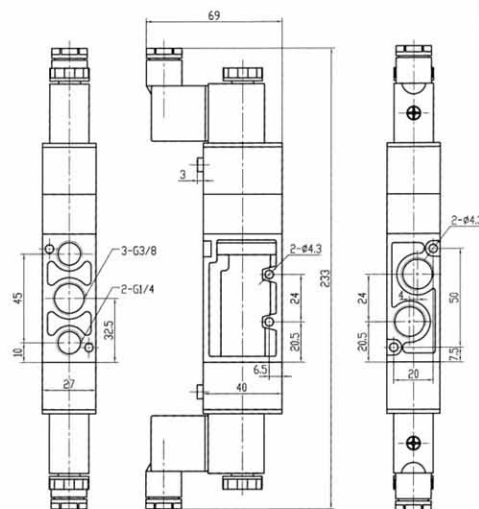
V533C



V533E

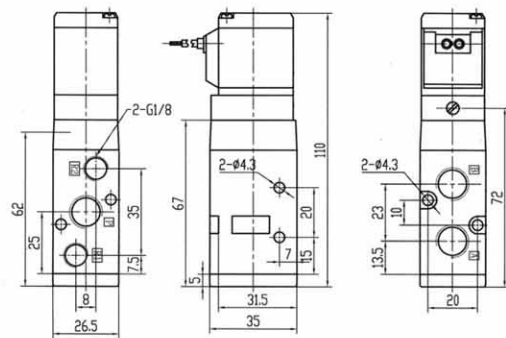
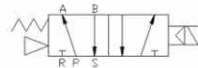


V533P

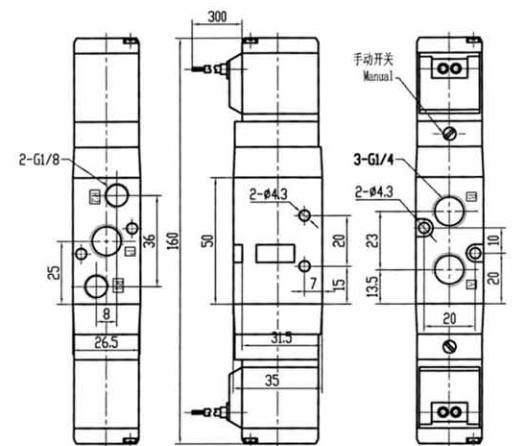
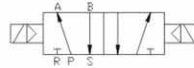


外形尺寸/Overall Dimension

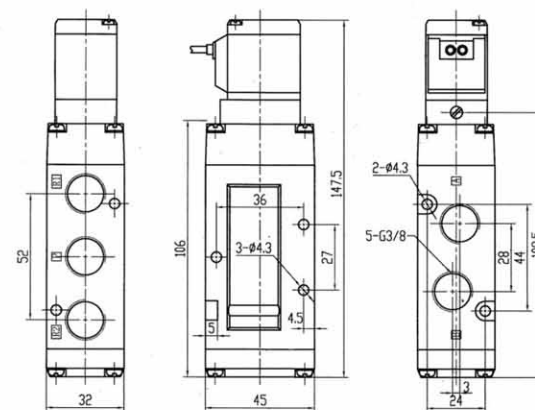
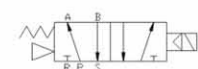
TYPE: VF3130



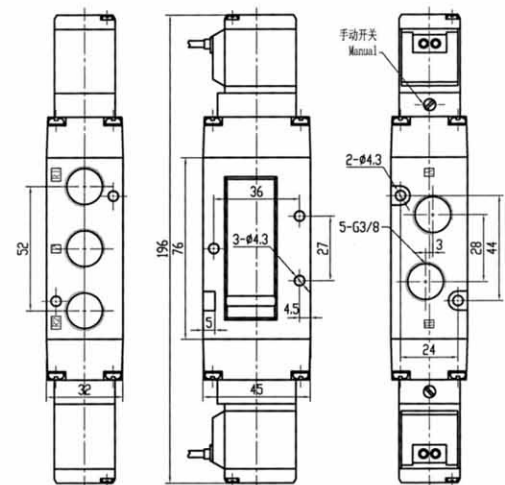
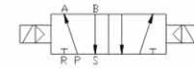
TYPE: VF3230



TYPE: VF5120



TYPE: VF5220



Manifold for VF / VZ Series Valve



Manifold

订购代号 / Ordering Code

VF3000M

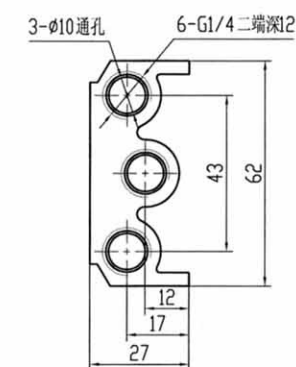
☐ F

Series Code
3000M: for VF3 series
5000M: for VF5 series
5000M: for VZ5 series

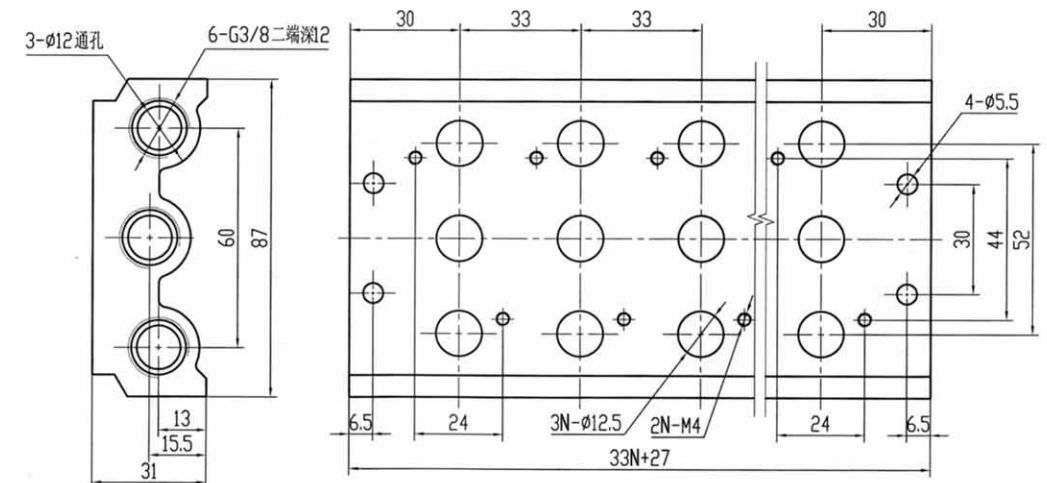
Joint No.
1~20F

外形尺寸/Overall Dimension

TYPE: VF3000M



TYPE: VF5000M



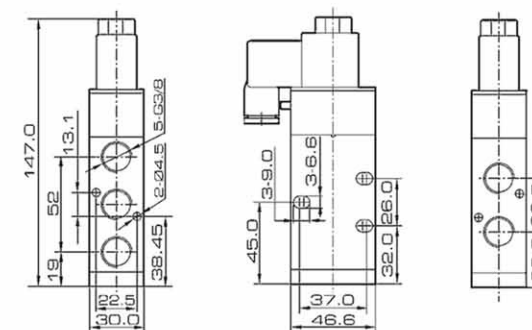
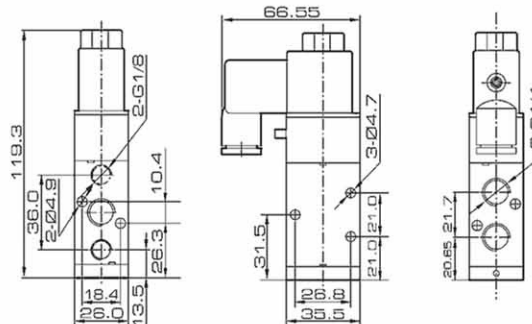
外形尺寸/Overall Dimension



MVSC260-4E1

MVSC300-4E1

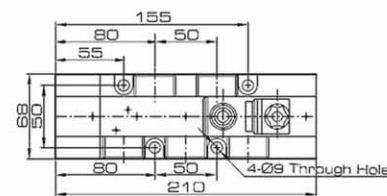
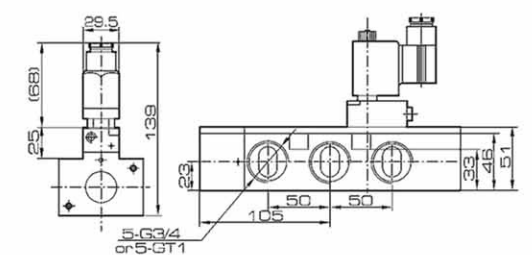
MVSC460-4E1



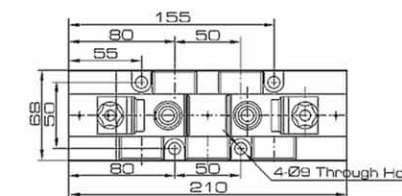
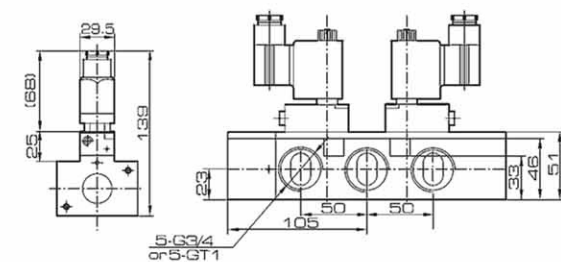
订购代号 / Ordering Code

Model	Body width	Way	Stop type	Type	Volate	Wiring
MVSC	260: 26mm 300: 30mm 460: 46mm 600: 60mm	4: 5way	E1: single coil E2: double coil	C: mid-position closed E: mid-position exhauste P: mid-position open	DC12V DC24V AC24V 50/60HZ AC110V 50/60HZ AC220V 50/60HZ AC380V 50/60HZ	LD:brown with lighting connector LD1:white with lighting connector W:lead wire type

■MVSC600-4E1



MVSC600-4E2



规格/Specification

[illegible]

3V1 Series Two-Position Three-Way Solenoid Valve



3V1-06

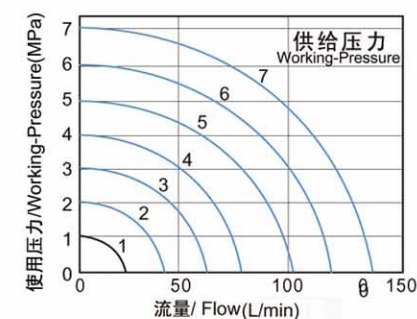
订购代号 / Ordering Code

3V	1	-	06	-	NO	-	LD	-	DC24V
Series	Type		Port Size	Control Style		Wiring Form			Voltage
3V: 3/2way solenoid valve	1:100 series		M5:M5 06:G1/8" NO: normal open	Blank:normal close NO: normal open		Blank: standard connector (connector without light) LD: brown with lighting connector LD1: white with lighting connector W: lead wire type			DC12V DC24V AC24V 50HZ/60HZ AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ

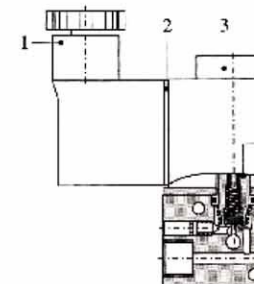
规格/Specification

型号/Model	3V1-M5	3V1-06
Working Medium	经40微米过滤的空气/40 Micron Filtered Air	
Action	Direct Drive Type	
Port Size	M5	G1/8
Air Outlet Diameter	1mm	
Working Temperature	-10~60℃	
Lubrication	Not Necessary	
Working Pressure	0~0.8MPa	
Max. Proof Pressure	1.2MPa	
Voltage Range	±10%	
Wiring Form	Connector Type	
Protection Class & Insulation Class	IP65 / F Class	
Power Consumption	AC:4.5V/DC:3W	
Material of Body	Aluminium Alloy	
Max. Action Frequency	10Cycle/Sec	
Mini Response Time	0.05 Second	

流量特性/Flow Character



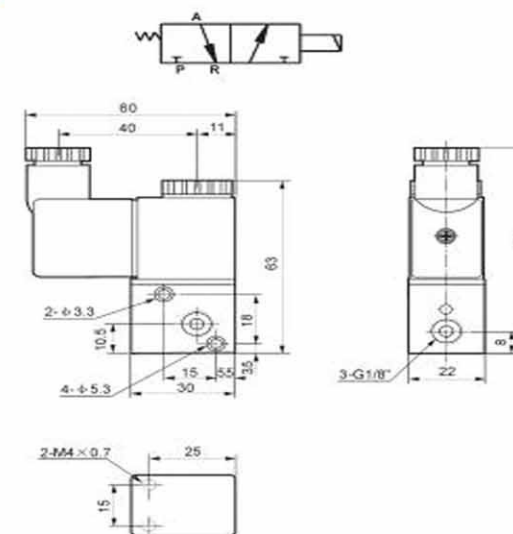
内部结构/ Inner Construction



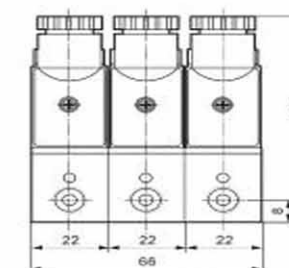
序号 serial number	名称/name
1	接线端子/wiring port
2	端子垫片/port gasket
3	螺母/nut
4	线圈/coil
5	可动铁组/movable iron module
6	O令/O-ring
7	复归弹簧/spring
8	本体/valve body

外形尺寸/Overall Dimension

TYPE: 3V1-06



TYPE: 3V1-06-3F



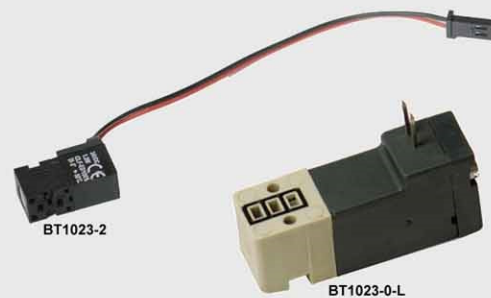
10mm & 15mm Micro-Valve BT10/BT15 Series

订购代号 / Ordering Code

BT10	23	2	NO
Series	Type	Wiring Form	Control Type
BT10: 10mm mini valve	23: 3/2way	1: vertical socket type	Standard: normal close
BT15: 15mm mini valve	22: 2/2way	2: lead wire type	NO: normal open
		3: flat socket type	
		0: pin type	

规格/Specification

10mm Solenoid Valve



Working Pressure: 0~7 bar
Kinds: 3/2 ways N.C or N.O
Size: 0.7mm
Fluid/ambient temperature: -5 ~ +50℃
Maximum flow rate at 6bar with p 1bar: 14NL/min
Exhaust: 22NL/min
Max number of cycles per minute: 2700/min
Life expectancy: more than 50 Million times
Voltage: 24V DC -15% ~ +10%
Power: 1.3W
Response time when energized: 6 ms
Response time when de-energized: 8ms
Copper wire isolation chassis: F (155℃)
For BT1023-0-L/M, power: 0.3W, 27L/Min



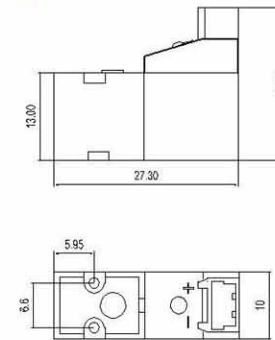
15mm Solenoid Valve



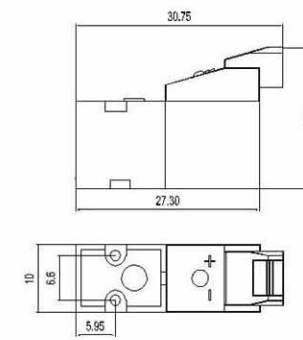
Operating Pressure: 0~7 bar
Orifice Size: 1.1mm
Kinds: 3/2 ways N.C or N.O
Fluid/ambient temperature: -5 ~ +50℃
Maximum flow rate at 6 bar with per 1 bar: 30 ML/min
Exhaust: 50 NL/min
Max number of cycles per minute: 2400/min
Life expectancy: more than 50 Million times
Voltage: 24VDC -15% ~ +10%
Power: 2.3W
Response time when energized: 6 ms
Response time when de-energized: 8ms
Copper wire isolation chassis: F (155℃)

外形尺寸/Overall Dimension

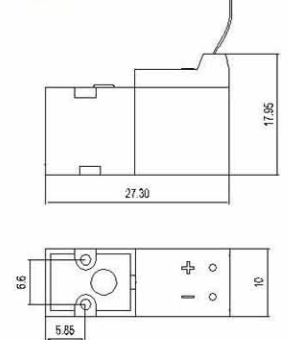
BT1023-1



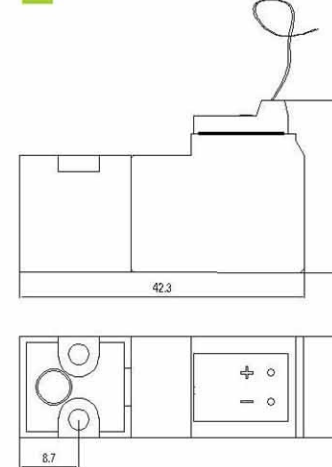
BT1023-3



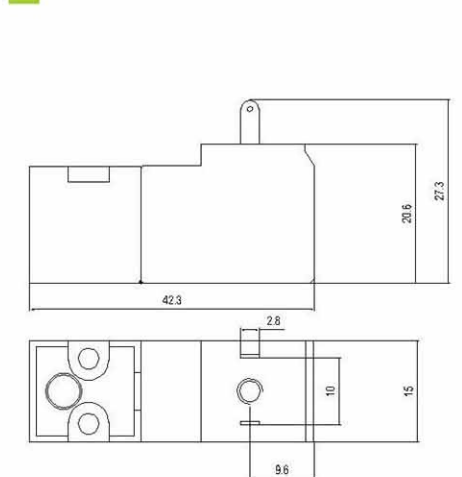
BT1023-2



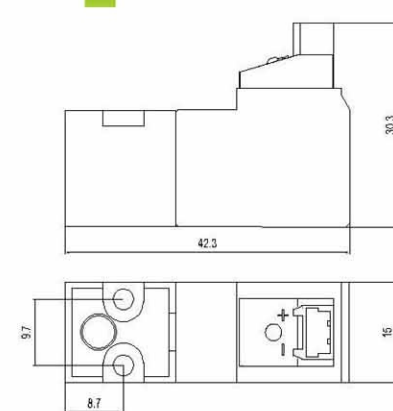
BT1523-2



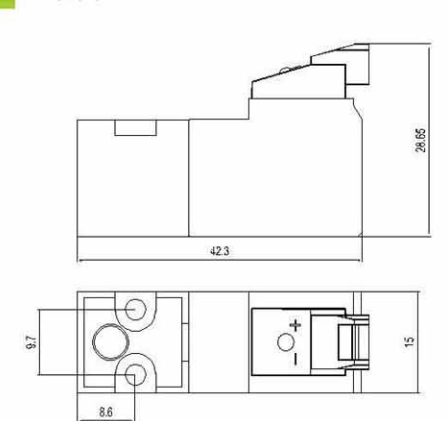
BT1523-0



BT1523-1

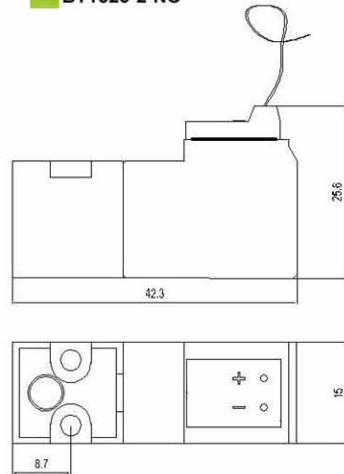


BT1523-3

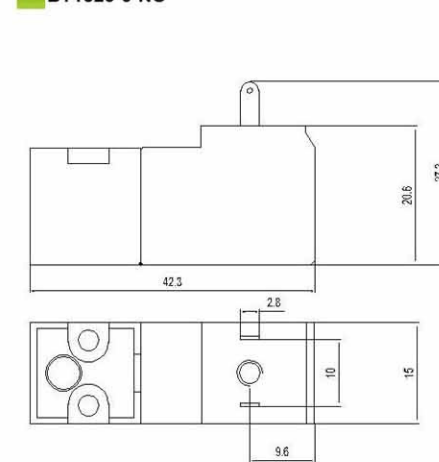


外形尺寸/Overall Dimension

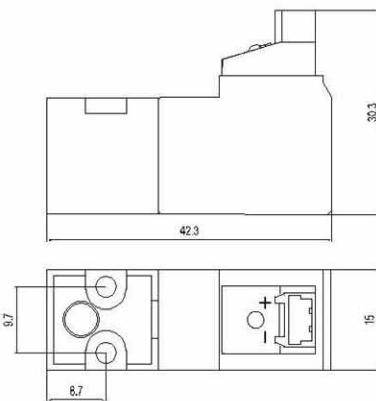
BT1523-2-NO



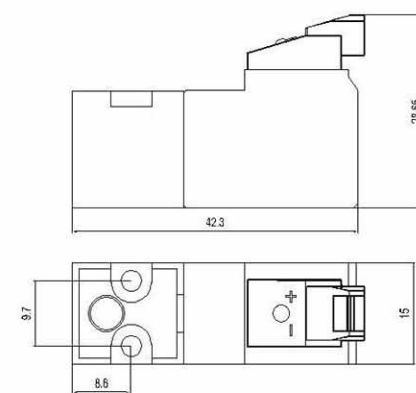
BT1523-0-NO



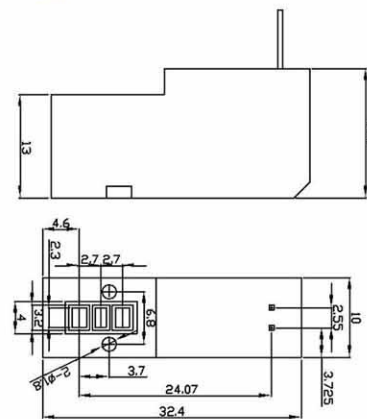
BT1523-1-NO



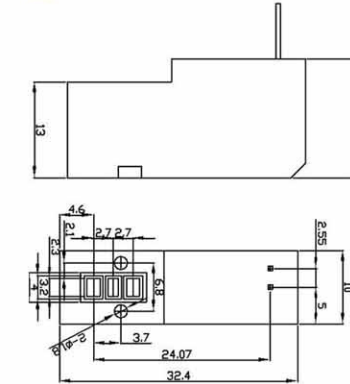
BT1523-3-NO



BT1023-0-M



BT1023-0-L



CV Series Vacuum Ejectors / Generator

订购代号 / Ordering Code

CV	15	-	C	-	K
Model	Nozzle Diameter		With Switch		With Adjustable type
CV	05:0.5mm 10:1.0mm 15:1.5mm 20:2.0mm		Blank:standard type C:with micro-switch		Blank:standard type K:with adjustable type



规格/Specification

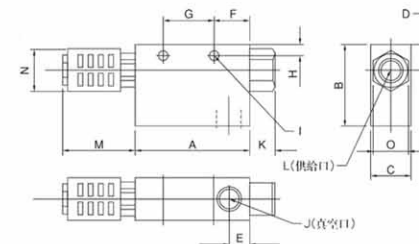
Model	CV05	CV10	CV15	CV20
Operating fluid	Air			
Range of working temperature	0~60°C			
Lubrication	No need			
Working pressure range	0.1~0.6MPa(1.0~6.0kgf/cm ²)			
Nozzle diameter(mm)	φ0.5	φ1.0	φ1.5	φ2.0
Max. Vacuum Value	-91.8kpa(-680mmHg)			
Inlet port	1/8"	1/8"	1/4"	1/4"
Vacuum port	1/8"	1/8"	1/4"	3/8"
Exhaust port	1/8"	1/8"	1/4"	1/2"

Vacuum Signal Confirmation Device(with switch & adjustable)

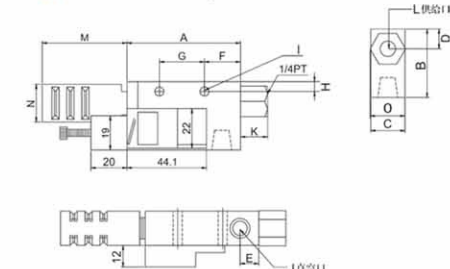
Model	C Fixed type	CK Adjustable type
Setting range	-39.9(-300mmHg)	-20.0 ~ -53.2(-150 ~ -400mmHg)
Setting value before operation(kpa)	-39.9(-300mmHg)	-46.6(-350mmHg)
Accuracy	±5.3(± -40mmHg)	
Hysteresis	4.0~13.3(30~100mmHg)	
Electrical rating(when resistance is applied)	AC125V:5A, AC250V:3A	
Range of working temperature	0~60°C	

外形尺寸/Overall Dimension

Standard type



With switch & adjustable



尺寸表/Dimension Sheet

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N(φ)	O	Muffler
CV05(CK)	50	32	16	11	12	19	20	4.5	2-φ4.2	Rp1/8	5	Rp1/8	44	21.5	14	Rp1/8
CV10(CK)	50	32	16	11	12	19	20	4.5	2-φ4.2	Rp1/8	5	Rp1/8	44	21.5	14	Rp1/8
CV15	70	38	26	13	15	23	25	5	2-φ4.5	Rp1/4	10	Rp1/4	44	21.5	17	Rp1/4
CV15(CK)	63	38.5	19.5	11	10.5	20	25	5.5	2-φ6	Rp1/4	15	Rp3/8	44	21	17	Rp1/2
CV20(CK)	96	38	30	16	22	32	32	6.5	2-φ6	Rp3/8	10	Rp1/4	55	28	23.5	Rp1/2
CV25	100	60	40	20	16	20	50	5.5	2-φ6	Rp1/2	17	Rp3/8	71	40	28	Rp3/4
CV30	118	60	40	20	20	33	50	5.5	2-φ6	Rp3/4	20	Rp1/2	71	40	30	Rp3/4