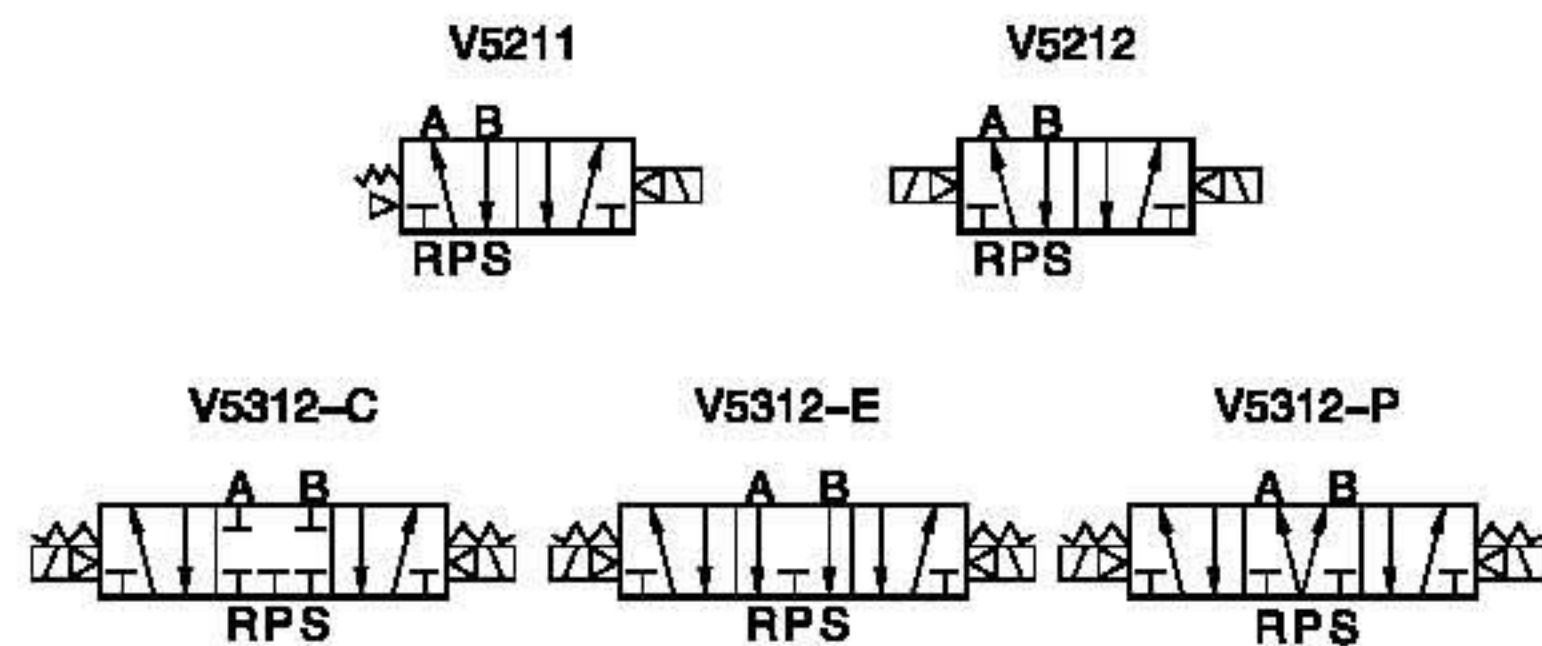
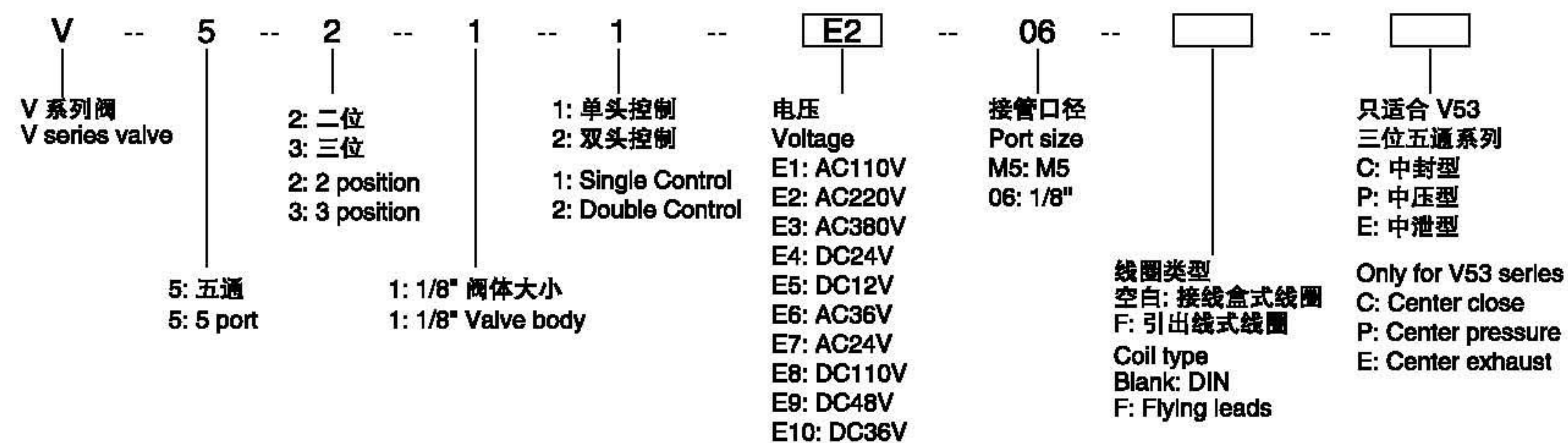




V5211E2-06

○ 订货举例 How to Order?



- * V系列电磁阀, 二位五通, 1/8"阀体大小, 单头控制, AC110V, 接管口径1/8",接线盒式线圈,型号: V5211E1-06
- * V系列电磁阀, 三位五通, 1/8"阀体大小, 双头控制, DC24V, 接管口径1/8",接线盒式线圈,中封型,型号: V5312E4-06C
- * V series, solenoid valve, 5 port, 2 position, single control, 1/8" valve body, AC110V, 1/8" port size, DIN coil, model: V5211E1-06
- * V series, solenoid valve, 5 port, 3 position, double control, 1/8" valve body, DC24V, 1/8" port size, DIN coil, center close, model: V5312E4-06C

○ 产品特性 Product Features

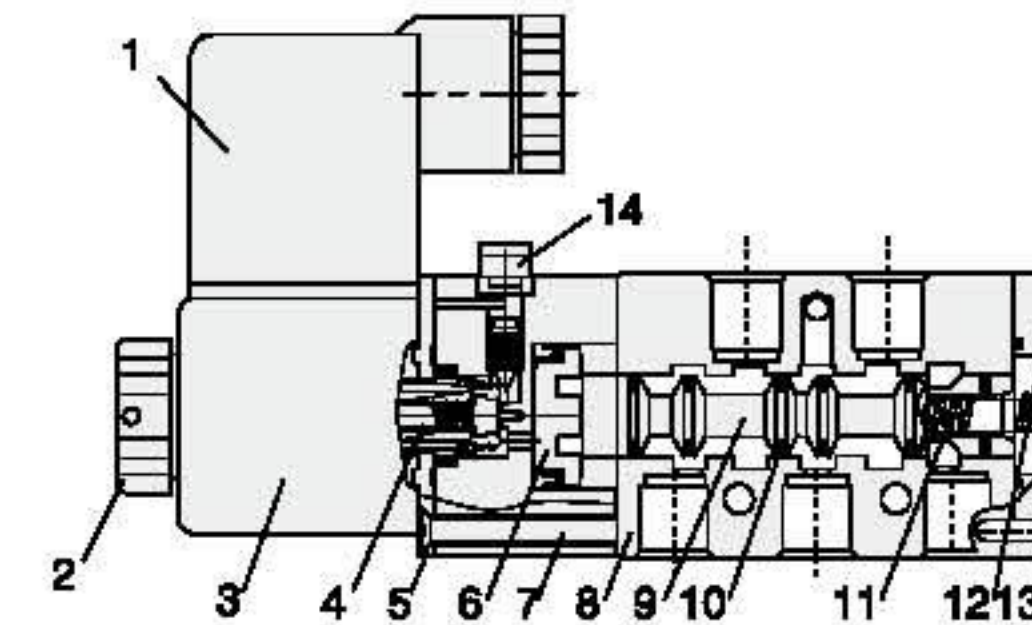
- * 稳定的寿命, 保证寿命为12,000,000次
- * 多种电压和工作方式可供选择
- * 不同的表面处理, 螺纹类型(BSPP, BSPT, NPT)可选
- * 所有型式, 尺寸可配连接板
- * Stable life cycle, guaranteed 12,000,000 times.
- * Various voltage and working style are available.
- * Different surface treatment, thread types(BSPP, BSPT, NPT) are available.
- * Manifolds are available for all types and sizes.

○ 规格 Specifications

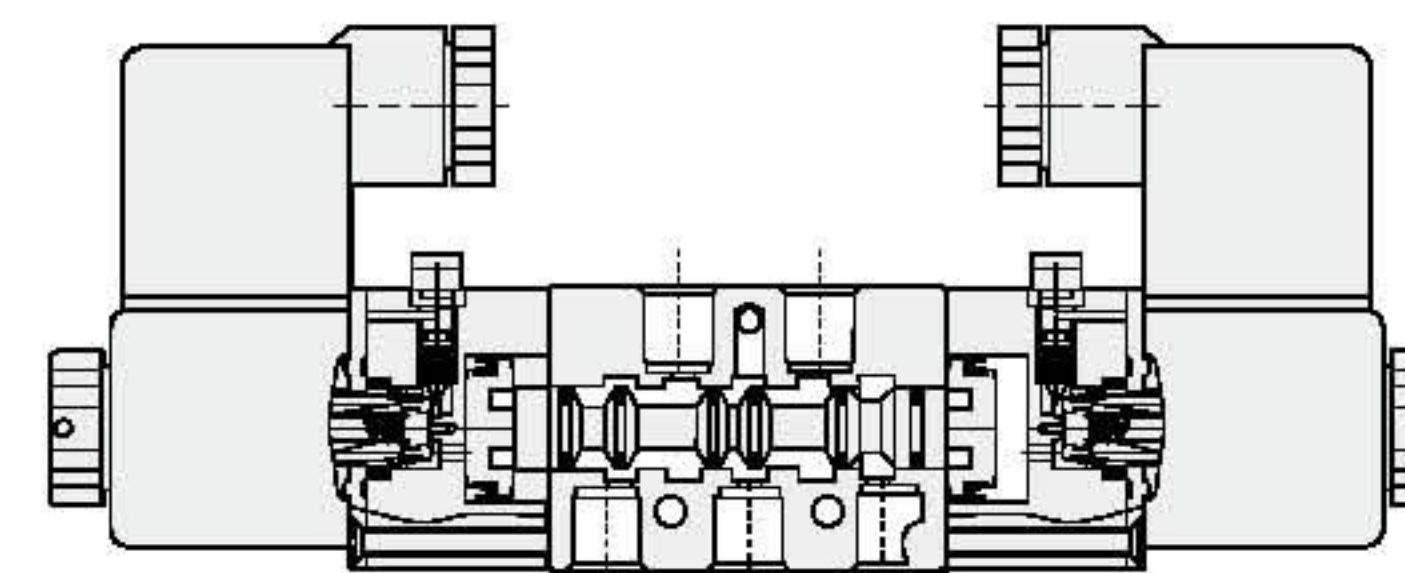
型号 Model No.	V5211-M5/06		V5212-M5/06	V5312-M5C/06C	V5312-M5E/06E	V5312-M5P/06P
工作介质 Working medium	经25 μm滤芯过滤的空气 Clean air(After 25 μm filtration)					
动作型式 Acting type	内部先导式 Pilot type					
有效截面积 Sectional area (mm²)	M5: 5.5 (CV=0.31) ** 06:12(CV=0.67)			M5: 5.5 (CV=0.28) ** 06: 9(CV=0.50)		
接管口径 Port size	M5: 进气=出气=排气=M5 In=Out=Exhaust=M5 06: 进气=出气=排气=G1/8 In=Out=Exhaust=G1/8					
润滑 Lubrication	不需要 Not required					
工作压力 Working pressure (Bar)	1.5~8					
最大耐压力 Guaranteed pressure (Bar)	12					
工作温度 Working temperature (℃)	-5~60					
电压范围 Voltage range	-15%~10%					
耗电量 Power consumption	AC: 3.0VA, DC: 2.8W					
绝缘等级 Insulation class	F级 Class F					
保护等级 Protective class	IP65 (DIN40050)					
最高动作频率 Max. acting frequency	5次/s 5 cycles/s			3次/s 3 cycles/s		
励磁时间 Activate time(s)	<0.05					
重量 Weight(g)	110	171	181	181	181	

○ 内部结构 Internal structure

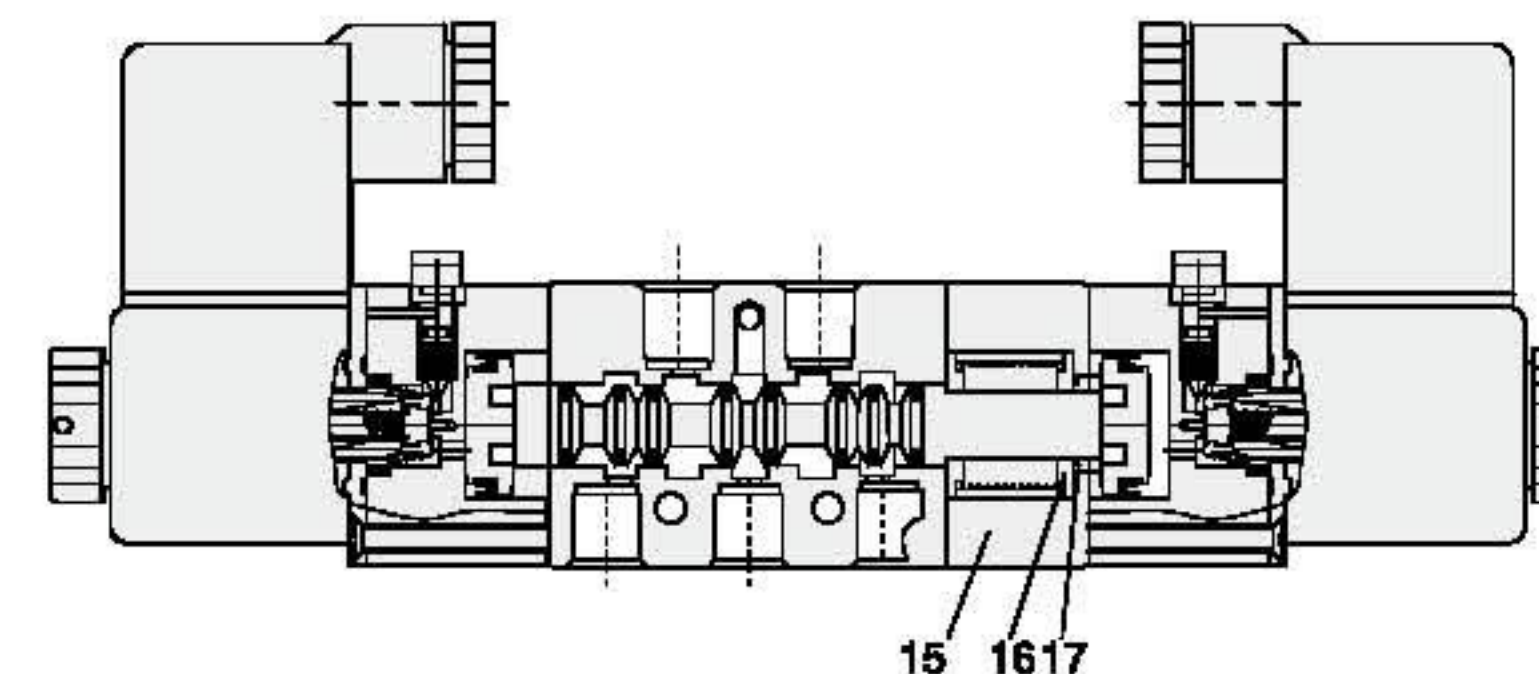
V5211



V5212

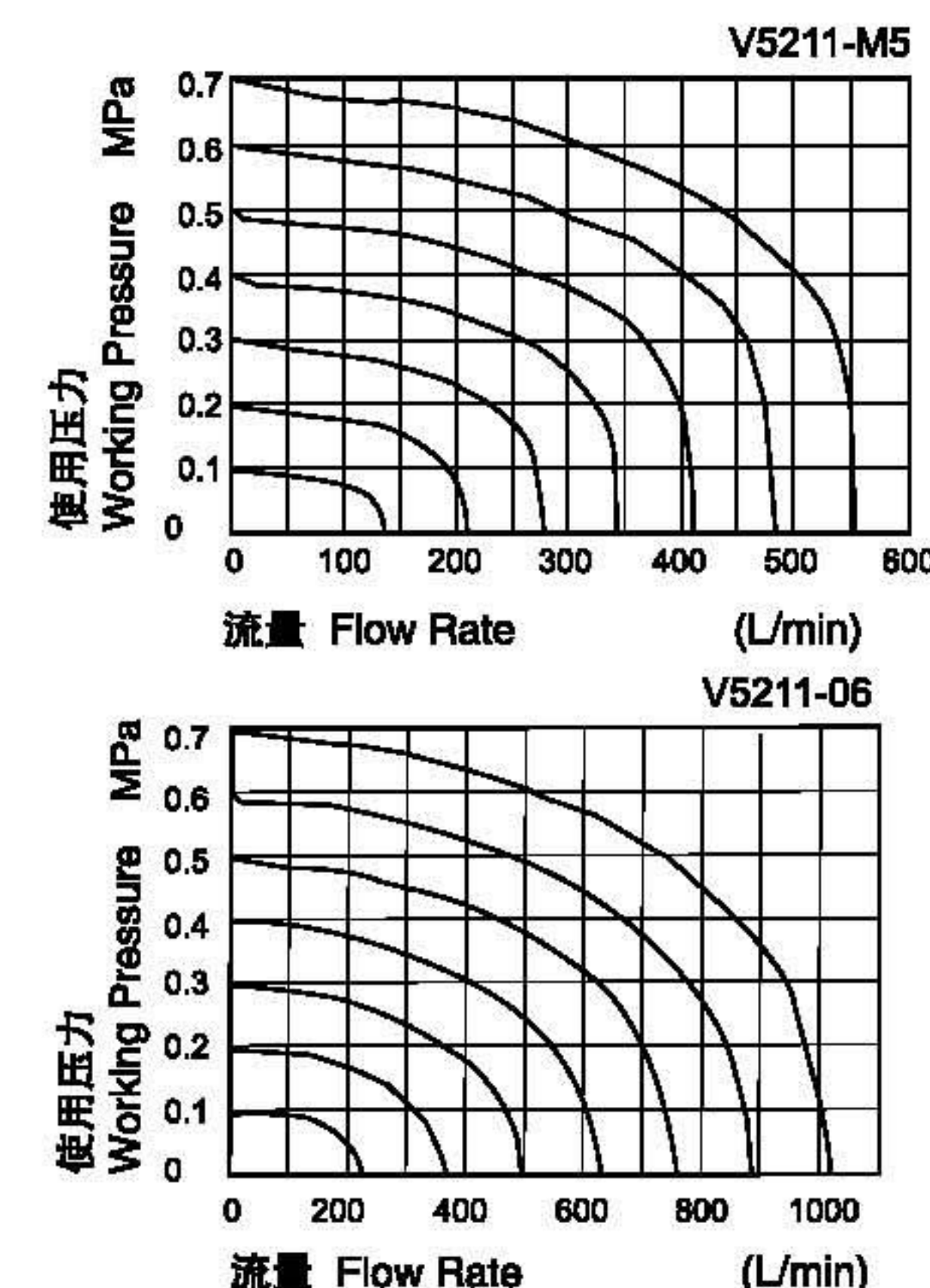


V5312C



序号 No	名称	Designation
1	接线盒	Connector
2	固定螺帽	Nut
3	线圈	Coil
4	先导头组件	Pilot units
5	压板	Plate
6	活塞	Piston
7	沉头螺钉	Screw
8	阀体	Valve body
9	阀杆	Spool
10	O令	O-ring
11	弹簧	Spring
12	后盖	Rear cover
13	圆头螺钉	Screw
14	手动杆	Manual override
15	回归座	Back seat
16	弹簧座	Spring seat
17	C型扣环	C-type buckle

○ 流量特性 Flow Chart



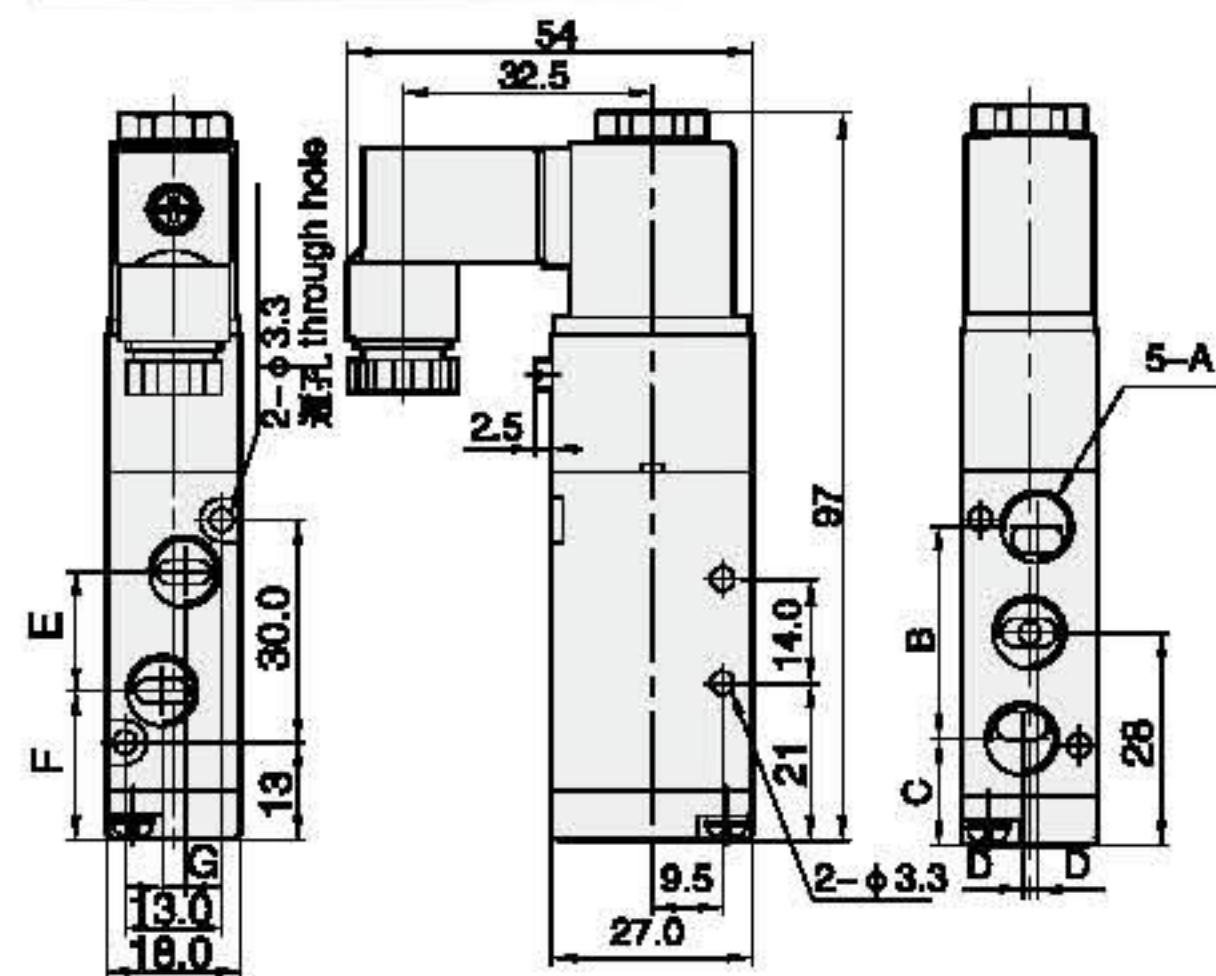
○ 主要零件材质 Main Parts Material

零件名称 Part name	材质 Material
阀体 Valve body	铝合金 Aluminum alloy
阀杆 Spool	铝合金 Aluminum alloy
手动杆O令 Manual override O-ring	NBR
接线盒垫片 Connector washer	NBR
阀杆O令 Spool O-ring	HNBR
菱形圈 Seal	NBR
活塞 Piston	POM
手动杆 Manual override	铜 Cu
压板 Plate	铁 Steel
固定螺帽 Nut	POM+碳钢 POM+Carbon steel
后盖 Rear cover	锌合金 Zinc alloy
手动杆弹簧 Manual override spring	不锈钢 Stainless steel
阀杆弹簧 Spool spring	不锈钢 Stainless steel
固定螺丝 Screw	铁 Steel
先导头组件 Pilot units	纯铁+铜+不锈钢 Pure steel+Cu+Stainless steel
回归座 Back seat	铝合金 Aluminum alloy
弹簧座 Spring seat	铝合金 Aluminum alloy
C型扣环 C-type buckle	65Mn
接线盒 Connector	工程塑料 Engineering plastic

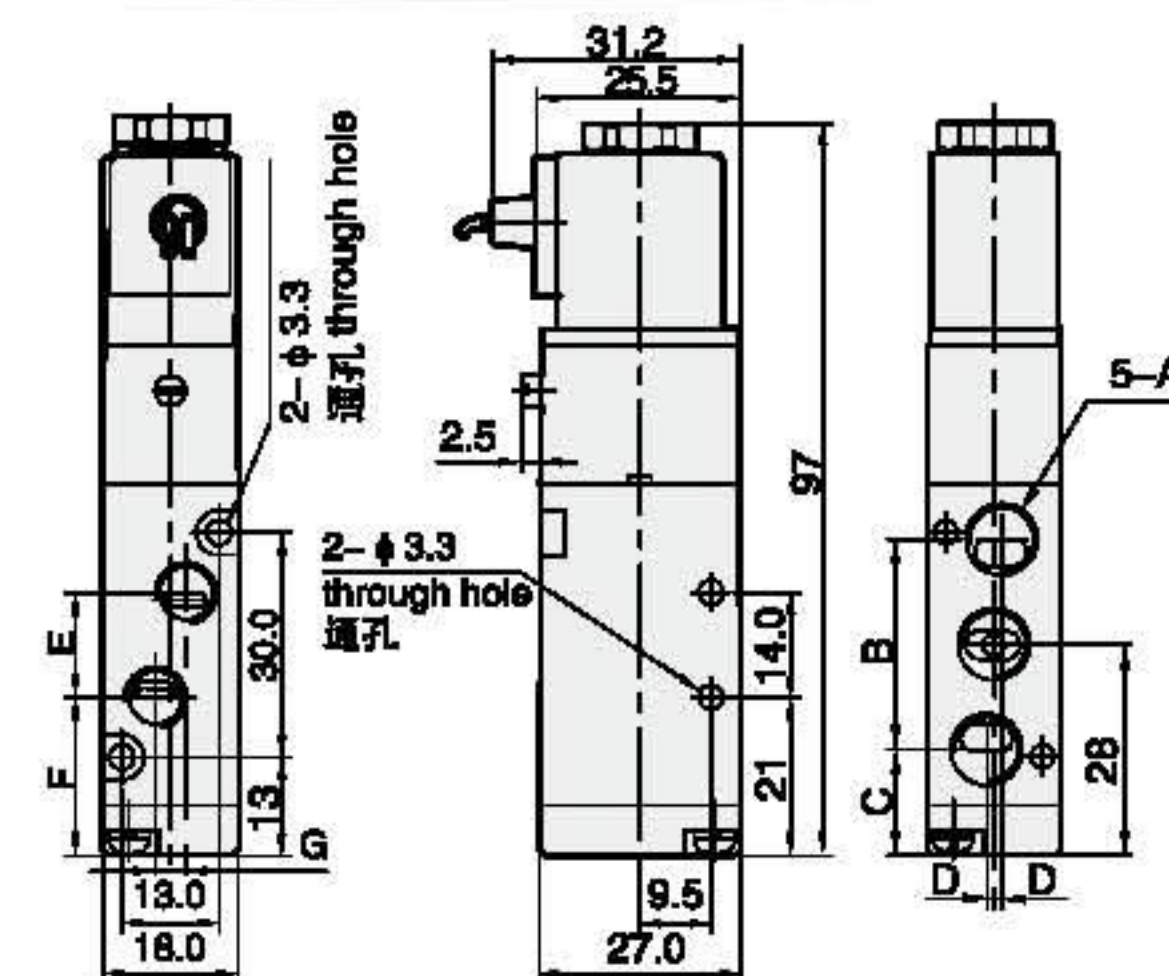
外形尺寸图 Main Dimension (mm)

V5211

接线盒式 DIN Type



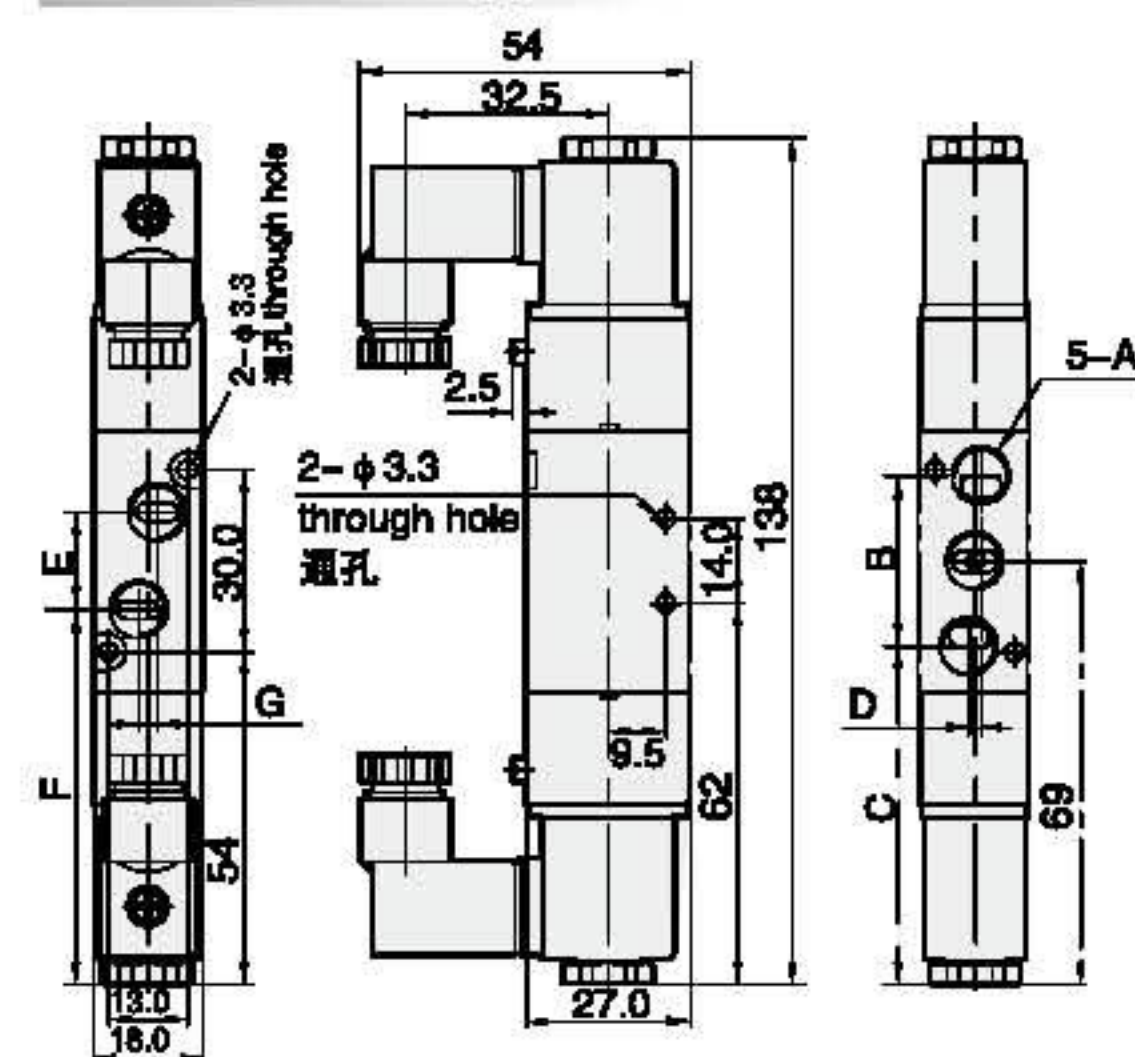
引出线式 Flying Leads Type



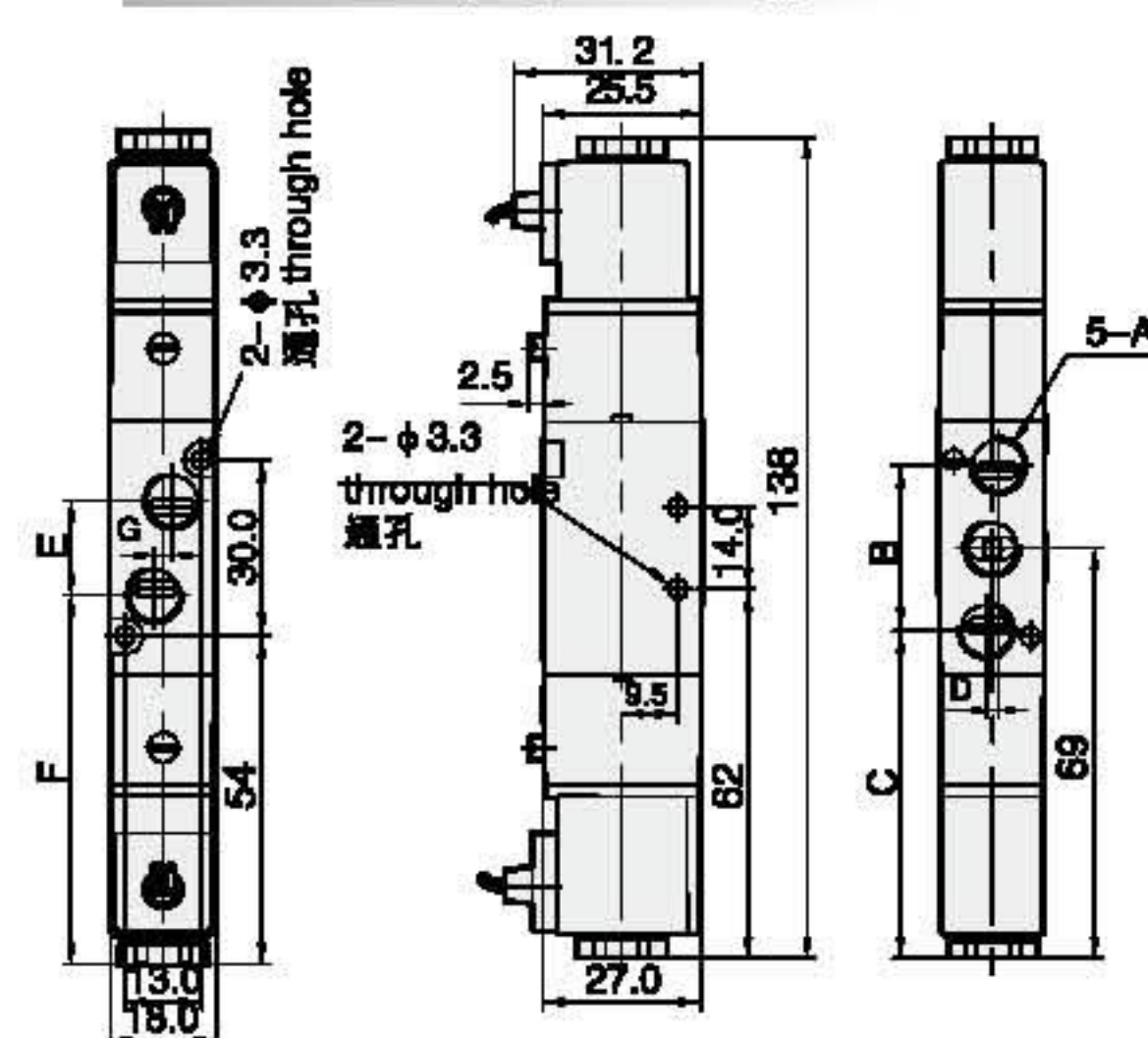
符号/型号 Sign/Model	A	B	C	D	E	F	G
V5211-M5	M5 x 0.8	27.5	14.2	0	14.5	20.7	0
V5211-06	G1/8	28	14	1	16	20	3

V5212

接线盒式 DIN Type



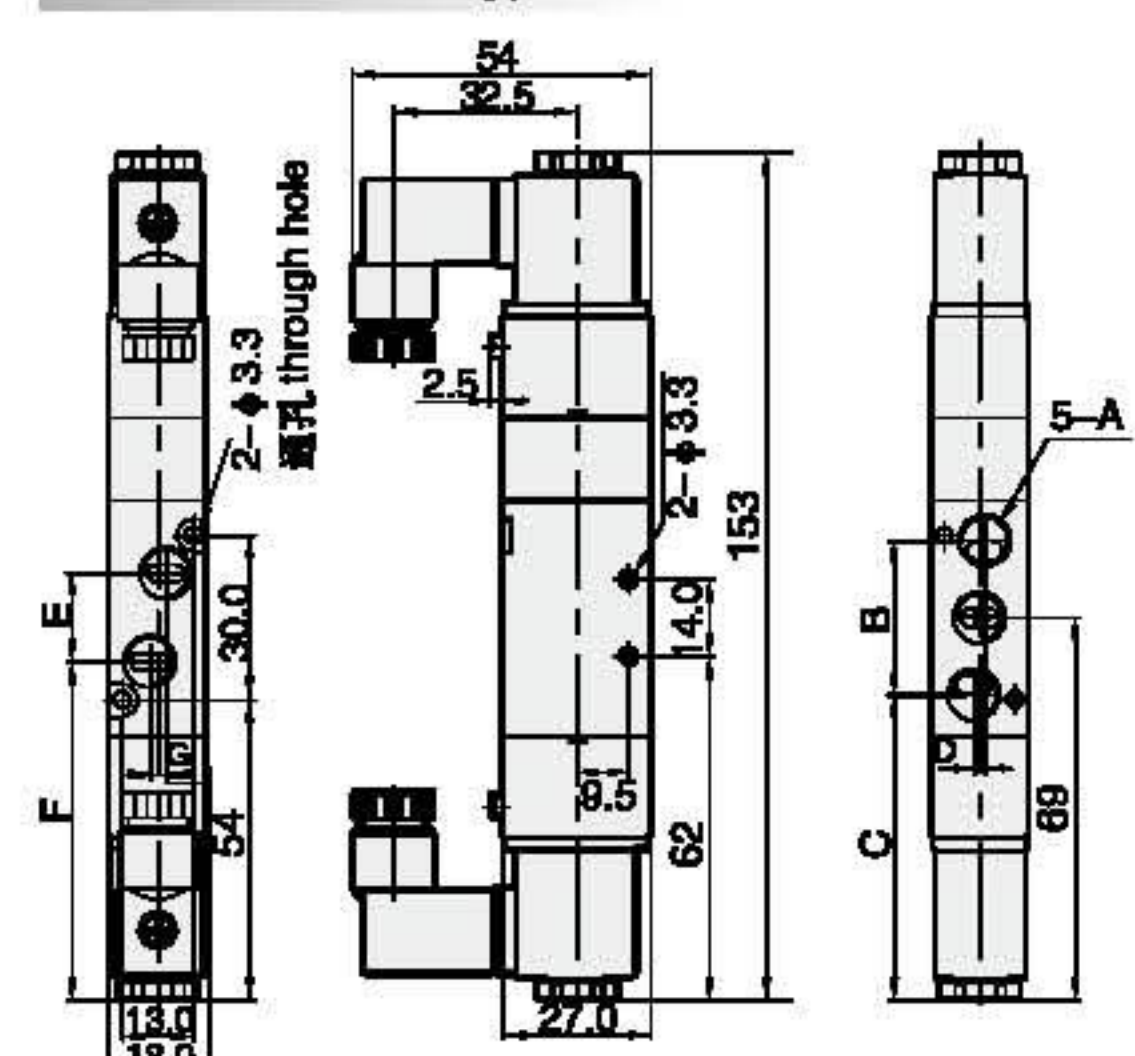
引出线式 Flying Leads Type



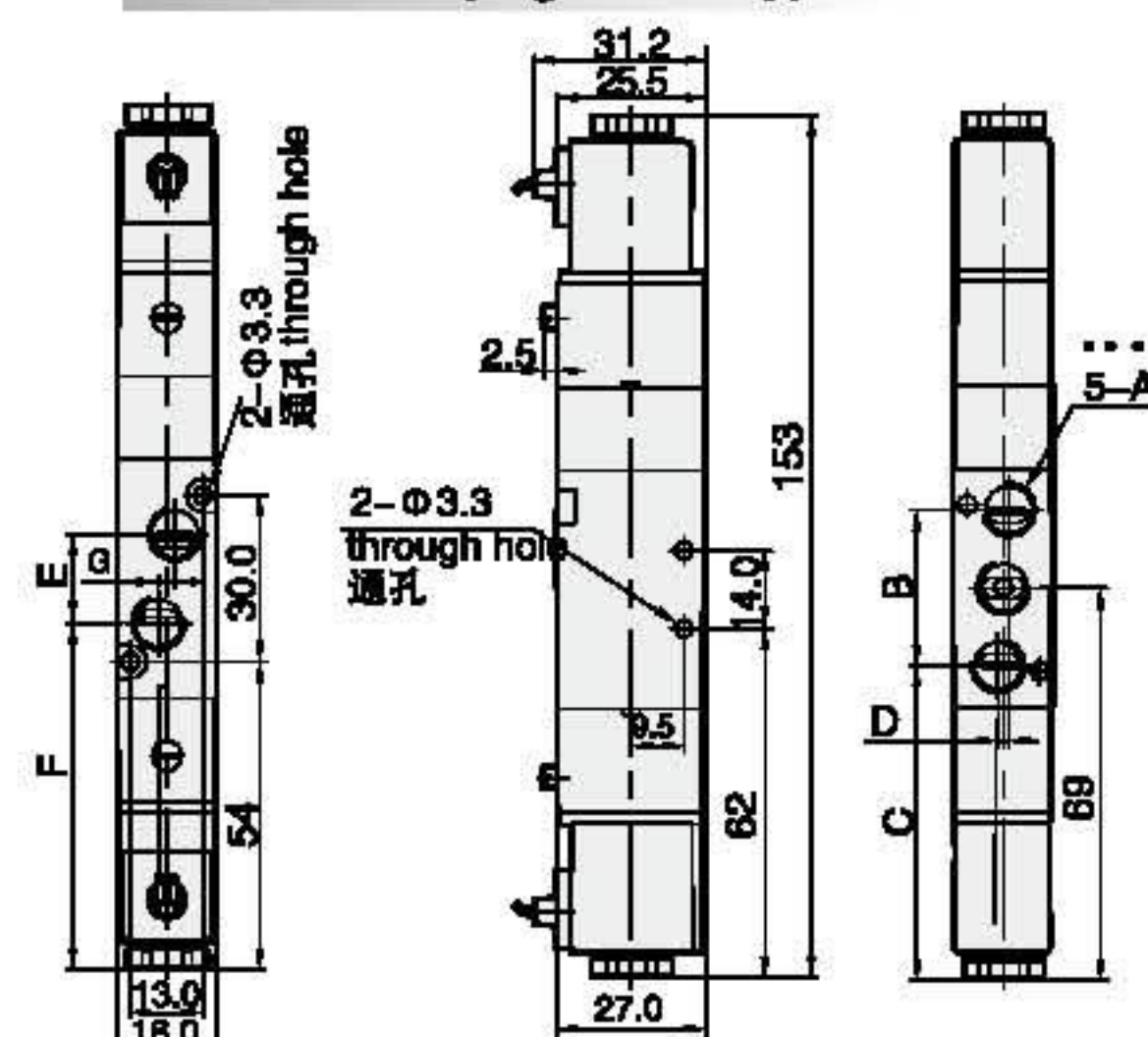
符号/型号 Sign/Model	A	B	C	D	E	F	G
V5212-M5	M5 x 0.8	27.5	55.25	0	14.5	61.75	0
V5212-06	G1/8	28	55	1	16	61	3

V5312

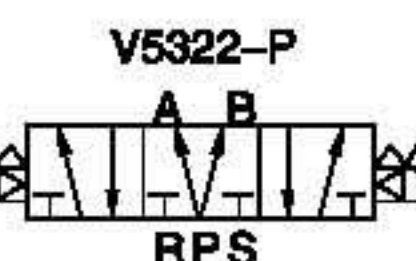
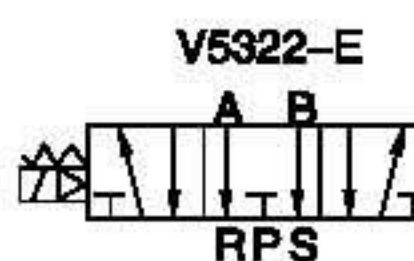
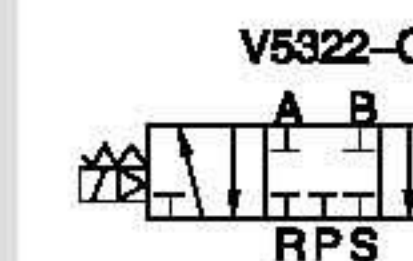
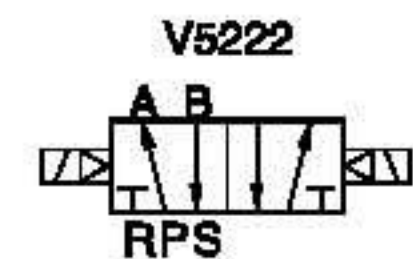
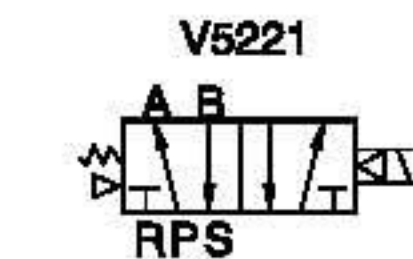
接线盒式 DIN Type



引出线式 Flying Leads Type



符号/型号 Sign/Model	A	B	C	D	E	F	G
V5312-M5	M5 x 0.8	27.5	55.25	0	14.5	61.75	0
V5312-06	G1/8	28	55	1	16	61	3



订货举例 How to Order?

V	--	5	--	2	--	2	--	1	--	E2	--	08	--		--	
V 系列阀 V series valve		5: 五通 5: 5 port		2: 二位 3: 三位 2: 2 position 3: 3 position		2: 1/4" 阀体大小 2: 1/4" Valve Body		1: 单头控制 2: 双头控制 1: Single control 2: Double control		电压 Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V E8: DC110V E9: DC48V E10: DC36V		接管口径 Port size 06: 1/8" 08: 1/4"		线圈类型 Blank: DIN F: Flying leads		只适合 V53 三位五通系列 C: 中封型 P: 中压型 E: 中泄型 Only for V53 Series C: Center close P: Center pressure E: Center exhaust

- * V系列, 电磁阀, 二位五通, 1/4"阀体大小, 单头控制, AC110V, 接管口径1/4",DIN接线盒式线圈,型号: V5221E1-08
- * V系列, 电磁阀, 三位五通, 1/4"阀体大小, 双头控制, DC24V, 接管口径1/4",DIN接线盒式线圈,中封型,型号: V5322E4-08C
- * V series, solenoid valve, 5 port, 2 position, 1/4" valve body, single control, AC110V, 1/4" port size, DIN coil,model: V5221E1-08
- * V series, solenoid valve, 5 port, 3 position, 1/4" valve body, double control, DC24V, 1/4" port size, DIN coil, center close, model: V5322E4-08C

产品特性 Product Features

- * 稳定的寿命, 保证寿命为12, 000, 000次
- * 多种电压和工作方式可供选择
- * 不同的表面处理, 螺纹类型 (BSPP,BSPT,NPT)可选
- * 所有型式, 尺寸可配连接板
- * Stable life cycle,guaranteed 12,000,000 times.
- * Various voltage and working style are available.
- * Different surface treatment, thread types(BSPP,BSPT,NPT) are available.
- * Manifolds are available for all types and sizes.

规格 Specifications

型号 Model No.	V5221-06/08		V5222-06/08	V5322-06C/08C	V5322-06E/08E	V5322-06P/08P
工作介质 Working medium	经25 μm滤芯过滤的空气 Clean air(After 25 μm filtration)					
动作方式 Acting type	内部先导式 Pilot type					
有效截面积 Sectional area(mm ²)	06: 14(CV=0.78) ** 08: 16(CV=0.89)		06: 12(CV=0.67) ** 08: 12(CV=0.67)			
接管口径 Port size	06: 进气=出气=排气=G1/8 In=Out=Exhaust=G1/8 08:进气=出气=G1/4,排气=G1/8 In=Out=G1/4,Exhaust=G1/8					
润滑 Lubrication	不需要 Not required					
使用压力 Working pressure(Bar)	1.5~8					
最大耐压力 Guaranteed pressure(Bar)	12					
工作温度 Working temperature(℃)	-5~60					
电压范围 Voltage range	-15%~+10%					
耗电量 Power consumption	AC: 5.5VA, DC: 4.8W					
绝缘等级 Insulation	F级 Class F					
保护等级 Protective class	IP65 (DIN40050)					
最高动作频率 Max. acting frequency	5次/s 5 cycle/s			3次/s 3 cycle/s		
励磁时间 Activate time(s)	<0.05					
重量 Weight (g)	209		314	357	357	357