LD4系列电磁阀、气控阀

LD4 Series Solenoid Valve,Pneumatic Control Valve

订购代号/Ordering Code

LD	25	1	4	4	B	C	AC220V
公司代号 Company Code	位通数 Position and way number 23:二位三通 Two-position Three-way 25:二位五通 Two-position Five-way 35.三位五通 Three-position Five-way	控制方式 Control Type 1:单电控 Single electro-control 2:双电控 Double electro-control 3.单气控 Single air control 4:双气控 Double air control	系列代号 Series Code 4:400系列 4:400Series	接管口径 Joint Pipe Bore 4:G1/2 "	接管形式 Joint Pipe form 空白:管接式 Blank:Pipe Connection Type B:板接式 B:Plate Connection Type	三位五通 Three-position Five-way C:封闭型 C:Close Type E:排气型 E:Exhaust Type P:压力型 P:Pressure Type	标准电压 Standard Voltage DC12V DC24V AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz

LD23344

LD23144

LD25344

LD25144

LD25444

LD23244

LD25244

LD35244

规格/Specification

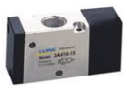
型号/Model	LD23144 LD23344	LD23244 LD23444	LD25144 LD25344	LD25244 LD25444	LD35244C LD35444C	LD35244E LD35444E	LD35244P LD35444P
工作介质/Working Medium	经40微米过滤的空气/40 Micron Filtered Air						
动作方式/Motion Pattern	内部先导式/Inner Guide Type						
接管口径/Joint Pipe Bore	进气=出气=排气=G1/2						
位置数/The Position Counting	二位三通/Two-position Three-way		二位五通/Two-position Five-way		三位五通/Three-position Five-way		
工作温度/Operating Temperature	5~50℃(41~122° F)						
有效截面积/Effective Sectional Area	50mm²(Cv=2.79)		50mm²(Cv=2.79)		30mm²(Cv=1.67)		
使用压力/Working-Pressure	0.15~0.8Mpa						
最大耐压力/Max.Pressure Resistance	1.2Mpa						
耗电量/Power Consumption	AC:3.2VA DC:3.7W						
保护等级/Protection Class	IP65(DIN40050)						
绝缘性/Insulation	F级						
接线形式/Wiring Form	出线式或端子式/Lead Wire or Connector Type						
电压范围/Voltage Range	±10%						
最高动作频率/Highest Action Frepuency	每秒5次/5 Cycle/Sec		每秒5次/5 Cycle/Sec		每秒3次/3 Cycle/Sec		
最短励磁时间/Shortest Excitation Time	0.05秒/0.05 Second						

3V/4V 400系列电磁阀、气控阀

3V/4V 400 Series Solenoid Valve,Pneumatic Control Valve

订购代号/Ordering Code

4V	4	10	-	15	B	AC220V
规格代号 Specification Code 4V:二(三)位五通电磁阀 Two(Three)-position Five-way Solenoid Valve 4A:二(三)位五通气控阀 Two(Three)-position Five-way Pneumatic Control ValVe 3V:二位三通电磁阀 Two-position Three-way Solenoid Valve 3A:二位三通气控阀 Two-position Three-way Pneumatic Control ValVe	系列代号 Series Code 400 系列 400 Series	线圈及头数 Coil and Places 10:单头双位置 Single-head Double-position 20:双头双位置 Double-head Double-position 30C.双头三位置封闭型 Double-head Three-position Close Type 30E:双头三位置排气型 Double-head Three-position Exhaust Type 30P:双头三位置压力型 Double-headThree-posion PressureType		接管口径 Joint Pipe Bore 15:G1/2	接管形式 Joint Pipe form 空白:管接式 Blank:Pipe Connection Type B:板接式 B:Plate ConnectionType	标准电压 Standard Voltage DC12V DC24V AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz



3A410-15

3V410-15

4A410-15

4V410-15

3A420-15

3V420-15

4A420-15

4V420-15

规格/Specification

型号/Model	3V410-15 3A410-15	3V420-15 3A420-15	4V410-15 4A410-15	4V420-15 4A420-15	4V430C-15 4A430C-15	4V430-15 4A430-15	4V430P-15 4A430P-15
工作介质/Working Medium	经40微米过滤的空气/40 Micron Filtered Air						
动作方式/Motion Pattern	内部先导式/Inner Guide Type						
接管口径/Joint Pipe Bore	进气=出气=排气=G1/4						
位置数/The Position Counting	二位三通/Two-position Three-way		二位五通/Two-Position Five-way		三位五通/Three-position Five-way		
工作温度/Operating Temperature	5~50℃(41~122° F)						
有效截面积/Effective Sectional Area	50mm²(Cv=2.79)		50mm²(Cv=2.79)		30mm²(Cv=1.67)		
使用压力/Working-Pressure	0.15~0.8Mpa						
最大耐压力/Max.Pressure Resistance	1.2Mpa						
耗电量/Power Consumption	AC:3.2VA DC:3.7W						
保护等级/Protection Class	IP65(DIN40050)						
绝缘性/Insulation	F级						
接线形式/Wiring Form	出线式或端子式/Lead Wire or Connector Type						
电压范围/Voltage Range	±10%						
最高动作频率/Highest Action Frepuency	每秒5次/5 Cycle/Sec		每秒5次/5 Cycle/Sec		每秒3次/3 Cycle/Sec		
最短励磁时间/Shortes Excitation Time	0.05秒/0.05 Second						

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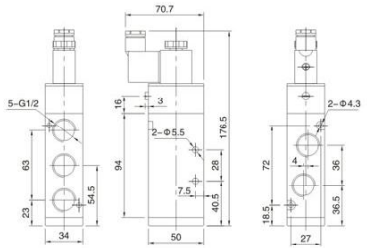
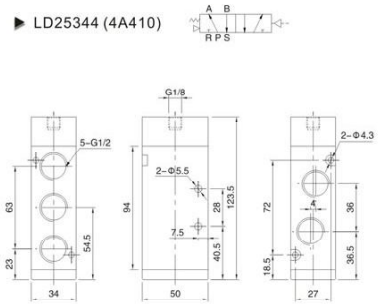
外形尺寸/Overall Dimension

▶ LD25144 (4V410)

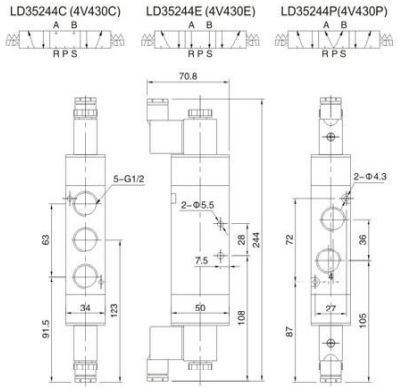


▶ LD25344 (4A410)



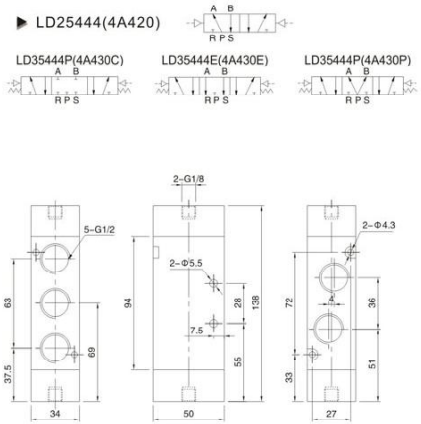
▶ LD25244 (4V420)

LD35244C (4V430C) LD35244E (4V430E) LD35244P(4V430P)

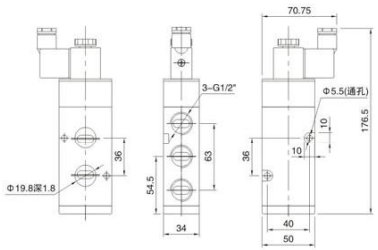


▶ LD25444(4A420)

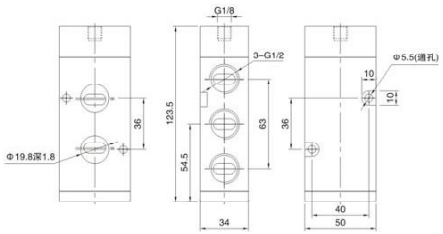
LD35444P(4A430C) LD35444E(4A430E) LD35444P(4A430P)



▶ LD25144 B(4V410-15B)



▶ LD25344B (4A410-15B)

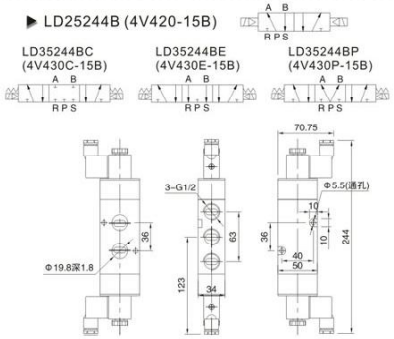


LD、3V/4V 400系列电磁阀、气控阀
LD、3V/4V 400 Series Solenoid Valve,Pneumatic Control Valve

外形尺寸/Overall Dimension

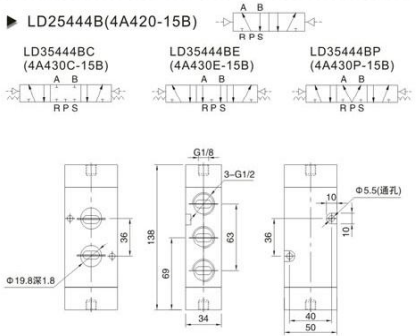
▶ LD25244B (4V420-15B)

LD35244BC (4V430C-15B) LD35244BE (4V430E-15B) LD35244BP (4V430P-15B)

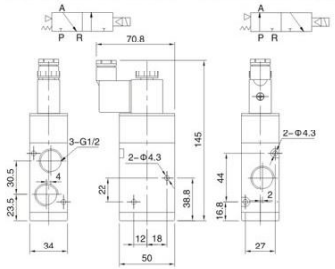


▶ LD25444B(4A420-15B)

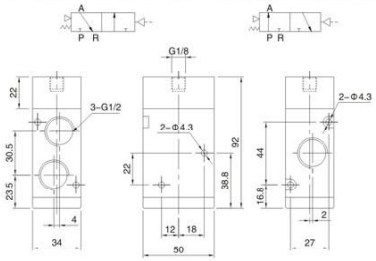
LD35444BC (4A430C-15B) LD35444BE (4A430E-15B) LD35444BP (4A430P-15B)



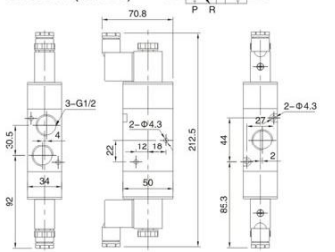
▶ LD23144NC (3V410NC) LD23144NO (3V410NO)



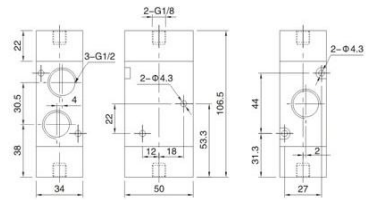
▶ LD23344NO (3A410NC) LD23344NO (3A410NO)



▶ LD23244 (3V420)

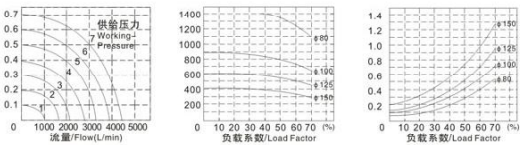


▶ LD23444 (3A420)



流量特性/Flowing Character

400系列-15/400 Series-15



试验条件/Test Condition

压力/Pressure
0.5MPa

使用接管/Tube
PU管(Pipe)12×8
内径(Bore):8mm

使用接头/Fitting
4V410-15:PC12-04

负载系数/Load Factor

$$\text{负载系数}_{\text{Load Factor}} = \frac{\text{负载 Load}}{\text{气缸理论推力 Cylinder theoretical output power}} \times 100\%$$

汽缸行程/Cylinder Stroke
300mm

电磁阀型号/Value model
4V 400系列/4V 400 series

控制元件 Control components

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100-400系列底座

100-400 Series Base

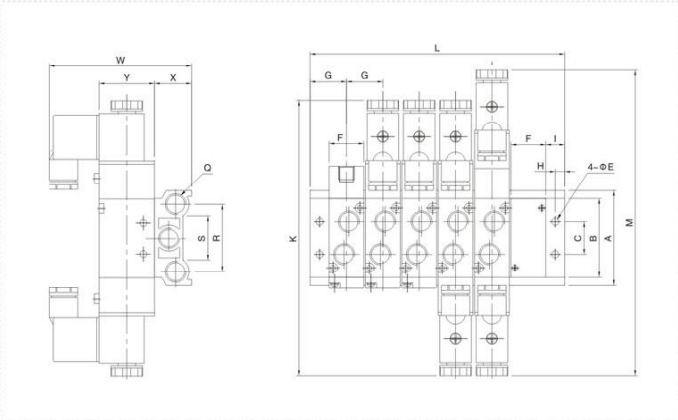
订购代号/Ordering Code

100M - □F

- 系列代号 Series Codoe
  - 100M:100系列/Series
  - 200M:200系列/Series
  - 300M:300系列/Series
  - 400M:400系列/Series
- 连座数目 Joint Bace Number
  - 100M:任意连/Wantonly
  - 200M:任意连/Wantonly
  - 300M:任意连/Wantonly
  - 400M:任意连/Wantonly

4V210-6F

外形尺寸/Overall Dimension



规格/Specification

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)×19+38	157	G1/4	40	30	60.5	25	27
200M-□F	60	50	21	4.5	22	23	6	12	174	(N-1)×23+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)×28+54	213	G3/8	53	48	100	31	40
400M-□F	100	95	32	5.5	34	35	7	18	244	(N-1)×35+63	244	G1/2	68	67	113	42	50

LD22系列电磁阀

LD22 Series Solenoid Valve

订购代号/Ordering Code

NEW

LD 22 1 1 1 - T1

- 系列代号 Series Codoe
- 位通数 Position and way nomber 22: 二位二通 Two-position Two-way
- 控制方式 Control Type 1:单电控 Single electro-control
- 系列代号 Series Code 1: 100系列
- 接管口径 Joint Pipe form 1:G1/8
- 空白: 标准 Blank: Standard T1: 特定 T1: Specific

LD22111-T1

简介/Synopsis

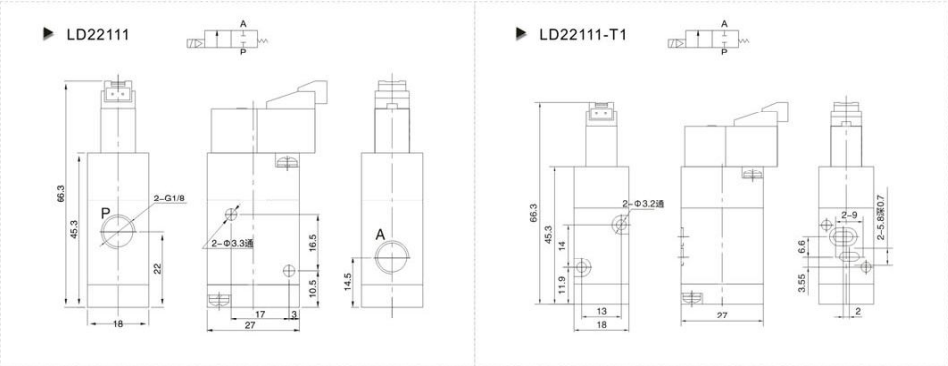
该系列电磁阀分管接式和板接式二款，其外形小巧、低功率大流量二位二通电磁阀，广泛应用于各类针纺机械上

This series of the solenoid valve is in charge of by type and plate type 2, its appearance is small, low power flow two two-way solenoid valve, widely used in all kinds of this machine

规格/Specification

型号/Model	LD22111	LD22111-T1
工作介质/Working Medium	经40微米过滤的空气/40 Micron Filtered Air	
动作方式/Motion Pattern	内部先导式/Inner Guide Type	
接管口径/Joint Pipe Bore	进气=出气=G1/8	板式安装/Plate installation
位置数/The Position Counting	二位二通/Two-position Two-way	
工作温度/Operating Temperature	5~50℃(41~122° F)	
有效截面积/Effective Sectional Area	12mm2(CV=0.67)	
使用压力/Working-Pressure	0.15~0.8Mpa	
最大耐压力/Max.Pressure Resistance	1.2Mpa	
耗电量/Power Consumption	1W	
保护等级/Protection Class	IP65(DIN40050)	
绝缘性/Insulation	F级	
接线形式/Wiring Form	端子式/Connedtor Type	
电压范围/Voltage Range	±10%	
最高动作频率/Highest Action Frepuency	每秒5次/5 Cycle/Sec	
最短励磁时间/Shortest Excitation Time	0.05秒/0.05 Second	

外形尺寸/Overall Dimension



控制元件 Control components

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