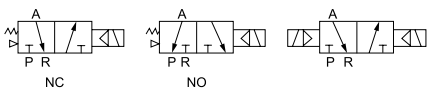


3通先导型电磁阀
3-Port Pilot Operated
Solenoid Valve
Series 3V100



3V110-06-NC-DC24V

规格 Specifications

型号 Model		3V110-M5	3V120-M5	3V110-06	3V120-06
使用流体 Fluid		过滤压缩空气 Filtered compressed air			
接管口径 Port size		M5		Rc(PT) 1/8	
有效截面积 Effective sectional area (mm ²)		10.0 (Cv=0.56)		12.0 (Cv=0.67)	
使用压力范围 Operating pressure range		0.15~0.8 MPa			
保证耐压力 Proof pressure		1.2 MPa			
环境及流体温度 Ambient and fluid temperature		-5~50℃			
响应时间 Response time (0.5 MPa)		≤ 50 ms			
*1) 最大工作频率 Maximum working frequency		5 c/sec			
*2) 润滑 Lubrication		不需要 Not required			
额定电压 Rated voltage		AC24V, AC110V, AC220V (50/60 Hz), DC12V, DC24V			
容许电压波动范围 Permissible voltage variation		±10% 额定电压 ±10% of rated voltage			
线圈绝缘等级 Coil insulation class		F 或同等级 Class F or equivalent			
防护等级 Protection Class		IP65 (DIN40050)			
功率消耗 Power consumption	AC	持续 Holding 2.5 VA (50/60 Hz)			
	DC	2.5 W			

*1) 最大工作频率为空载状态。The maximum working frequency is on no load situation.
2) 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.

型号表示方法 How to Order

3V 1 10 - 06 - NO - AC220V -

结构 Configuration

10	单线圈 Single
20	双线圈 Double

接管口径 Port size

M5	M5
06	Rc(PT)1/8

初始状态 Initial state

NC	常闭 Normally closed (3V110)
NO	常开 Normally open (3V110)

接电方式 Electrical entry

-	DIN 插座 DIN connector
LD	DIN 插座带指示灯 DIN connector with LED
W	直接出线 Grommet with flying leads

额定电压 Rated voltage

AC220V
AC110V
AC24V
DC24V
DC12V

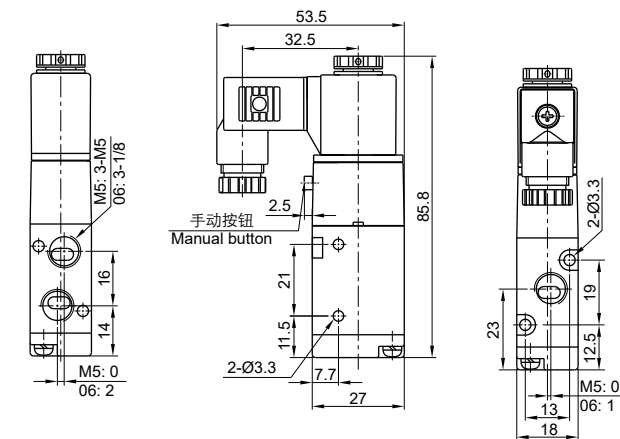
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

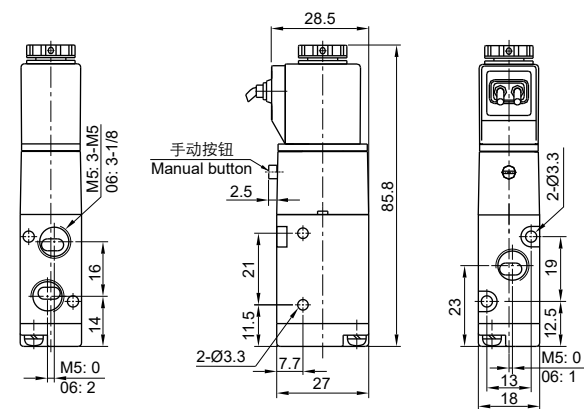
Series 3V100

外形尺寸图 Dimensions (mm)

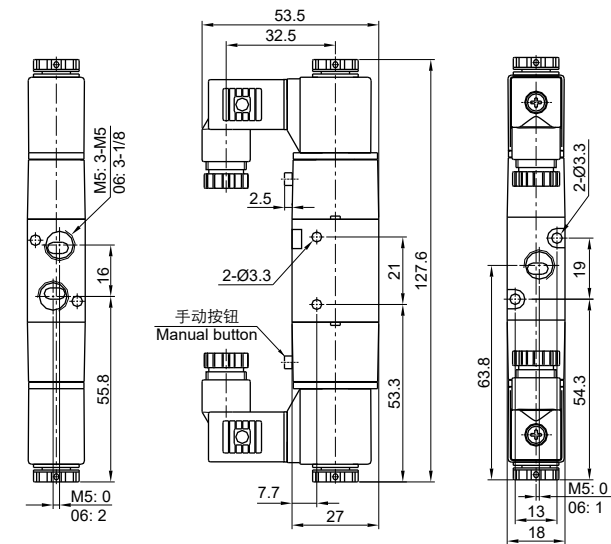
3V110-(LD)



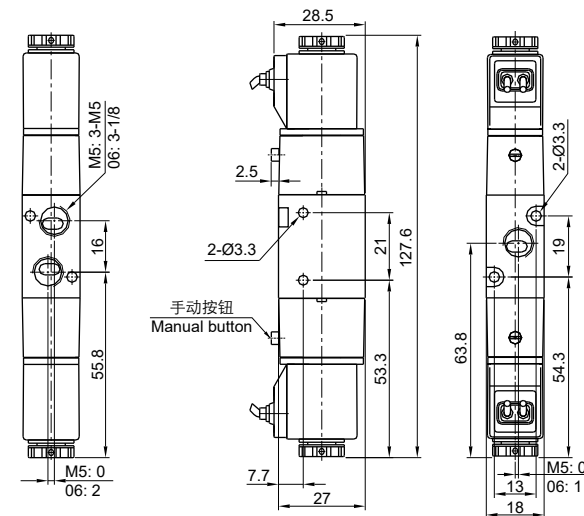
3V110-W



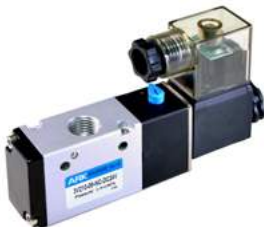
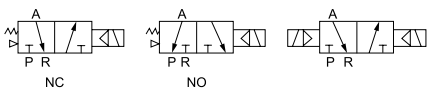
3V120-(LD)



3V120-W



3通先导型电磁阀
3-Port Pilot Operated
Solenoid Valve
Series 3V200



3V210-08-NC-DC24V

规格 Specifications

型号 Model		3V210-06	3V220-06	3V210-08	3V220-08
使用流体 Fluid		过滤压缩空气 Filtered compressed air			
接管口径 Port size		Rc(PT) 1/8		Rc(PT) 1/4	
有效截面积 Effective sectional area (mm ²)		14.0 (Cv=0.78)		16.0 (Cv=0.89)	
使用压力范围 Operating pressure range		0.15~0.8 MPa			
保证耐压力 Proof pressure		1.2 MPa			
环境及流体温度 Ambient and fluid temperature		-5~50℃			
响应时间 Response time (0.5 MPa)		≤ 50 ms			
*1) 最大工作频率 Maximum working frequency		5 c/sec			
*2) 润滑 Lubrication		不需要 Not required			
额定电压 Rated voltage		AC24V, AC110V, AC220V (50/60 Hz), DC12V, DC24V			
容许电压波动范围 Permissible voltage variation		±10% 额定电压 ±10% of rated voltage			
线圈绝缘等级 Coil insulation class		F 或同等级 Class F or equivalent			
防护等级 Protection Class		IP65 (DIN40050)			
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	4.8 W			

*1) 最大工作频率为空载状态。The maximum working frequency is on no load situation.
2) 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.

型号表示方法 How to Order

3V 2 10 - 06 - NO - AC220V -

结构 Configuration

10	单线圈 Single
20	双线圈 Double

接管口径 Port size

06	Rc(PT)1/8
08	Rc(PT)1/4

初始状态 Initial state

NC	常闭 Normally closed (3V210)
NO	常开 Normally open (3V210)

额定电压 Rated voltage

AC220V
AC110V
AC24V
DC24V
DC12V

接电方式 Electrical entry

-	DIN 插座 DIN connector
LD	DIN 插座带指示灯 DIN connector with LED
W	直接出线 Grommet with flying leads

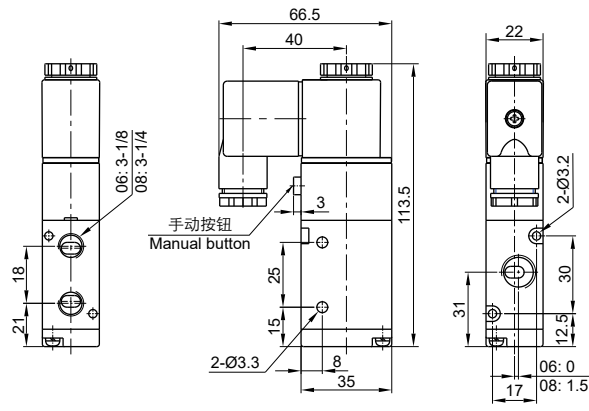
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

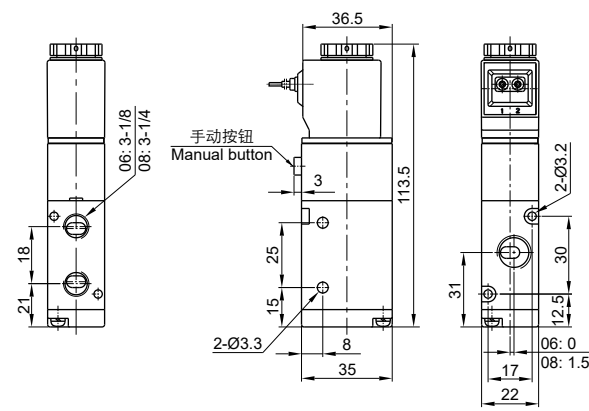
Series 3V200

外形尺寸图 Dimensions (mm)

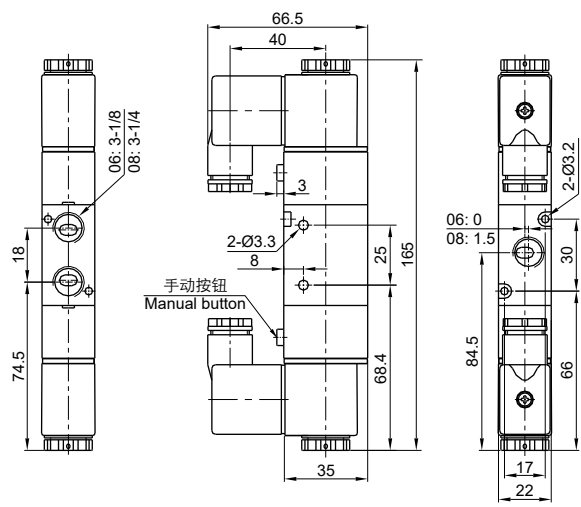
3V210-(LD)



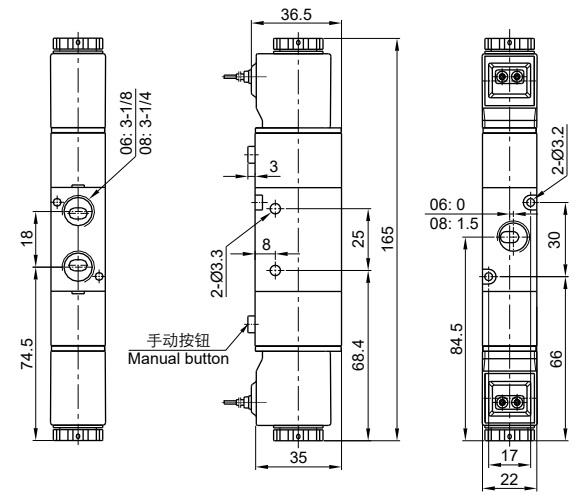
3V210-W



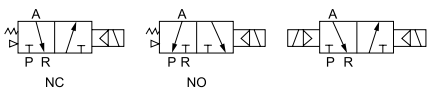
3V220-(LD)



3V220-W



3通先导型电磁阀
3-Port Pilot Operated
Solenoid Valve
Series 3V300



3V310-10-NC-DC24V

规格 Specifications

型号 Model		3V310-08	3V320-08	3V310-10	3V320-10
使用流体 Fluid		过滤压缩空气 Filtered compressed air			
接管口径 Port size		Rc(PT) 1/4		Rc(PT) 3/8	
有效截面积 Effective sectional area (mm ²)		25.0 (Cv=1.40)		30.0 (Cv=1.68)	
使用压力范围 Operating pressure range		0.15~0.8 MPa			
保证耐压力 Proof pressure		1.2 MPa			
环境及流体温度 Ambient and fluid temperature		-5~50℃			
响应时间 Response time (0.5 MPa)		≤ 50 ms			
*1) 最大工作频率 Maximum working frequency		5 c/sec			
*2) 润滑 Lubrication		不需要 Not required			
额定电压 Rated voltage		AC24V, AC110V, AC220V (50/60 Hz), DC12V, DC24V			
容许电压波动范围 Permissible voltage variation		±10% 额定电压 ±10% of rated voltage			
线圈绝缘等级 Coil insulation class		F 或同等级 Class F or equivalent			
防护等级 Protection Class		IP65 (DIN40050)			
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	4.8 W			

*1) 最大工作频率为空载状态。The maximum working frequency is on no load situation.
2) 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.

型号表示方法 How to Order

3V 3 10 - 08 - NO - AC220V -

结构 Configuration

10	单线圈 Single
20	双线圈 Double

接管口径 Port size

08	Rc(PT)1/4
10	Rc(PT)3/8

初始状态 Initial state

NC	常闭 Normally closed (3V310)
NO	常开 Normally open (3V310)

接电方式 Electrical entry

-	DIN 插座 DIN connector
LD	DIN 插座带指示灯 DIN connector with LED
W	直接出线 Grommet with flying leads

额定电压 Rated voltage

AC220V
AC110V
AC24V
DC24V
DC12V

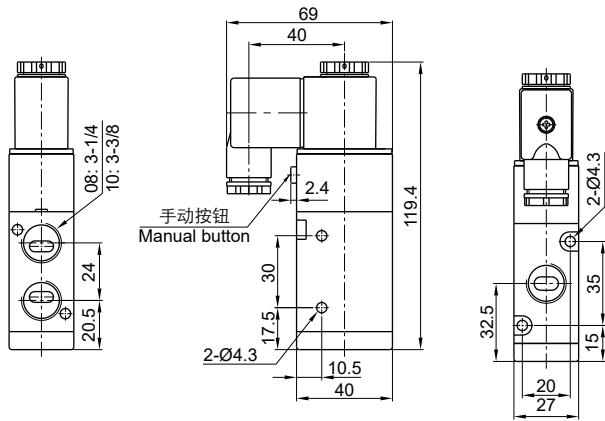
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

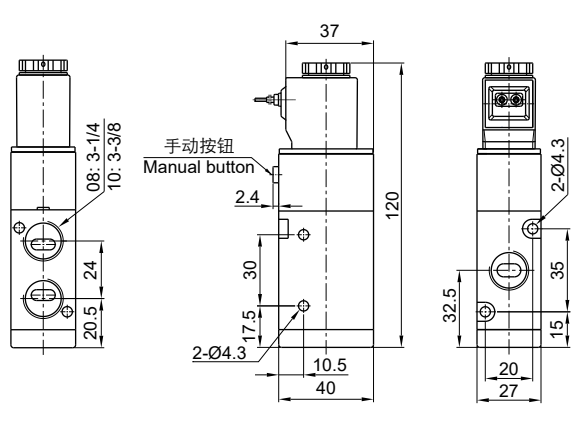
Series 3V300

外形尺寸图 Dimensions (mm)

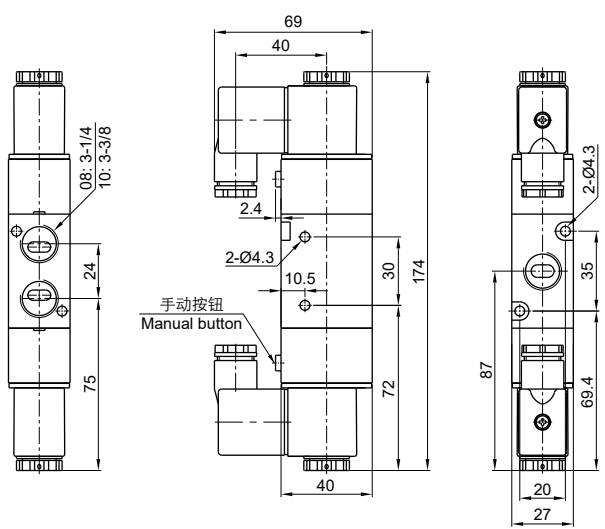
3V310-(LD)



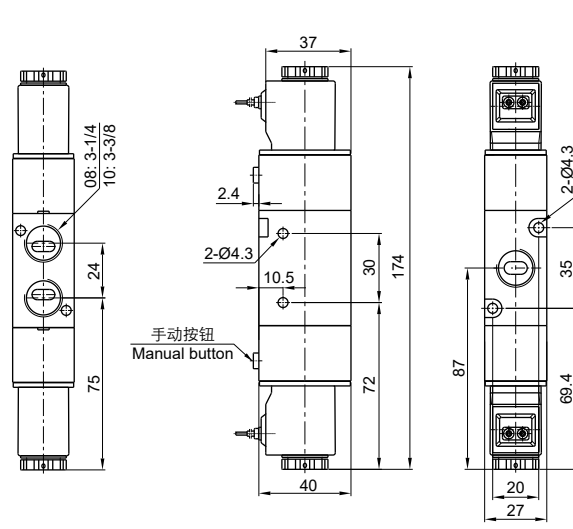
3V310-W



3V320-(LD)



3V320-W



汇流板

Manifold

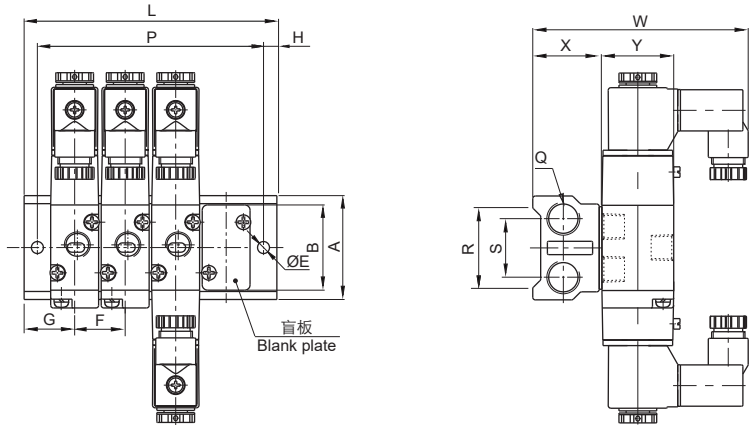
规格 Specifications

型号 Model	3V100M	3V200M	3V300M
使用流体 Fluid	过滤压缩空气 Filtered compressed air		
环境及流体温度 Ambient and fluid temperature	-5~50℃		
使用压力范围 Operating pressure range	0.15~0.8 MPa		
位置数 No. of stations	1~16	1~16	1~16
适用阀系列	3V100, 3A100	3V200, 3A200	3V300, 3A300

型号表示方法 How to Order

3V100M		5F	3V100M		-	BLK
适用阀系列 Applicable valve		位置数 No. of stations	适用阀系列 Applicable valve		盲板 Blank plate	
3V100M	3V100, 3A100	2F 2	3V100M	3V100, 3A100	BLK 汇流板用盲板 For manifold	
3V200M	3V200, 3A200	3F 3	3V200M	3V200, 3A200		
3V300M	3V300, 3A300	4F 4	3V300M	3V300, 3A300		
						

外形尺寸图 Dimensions (mm)



型号 Model	A	B	E	F	G	H	L													
							1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F
3M100M	39	32	4.5	19	19	5	38	57	76	95	114	133	152	171	190	209	228	247	266	285
3M200M	45	40	4.5	23	23	6	46	69	92	115	138	161	184	207	230	253	276	299	322	345
3M300M	52	47	4.5	28	27	6	54	82	110	138	166	194	222	250	278	306	334	362	390	418

型号 Model	P																Q	R	S	W	X	Y
	1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F	15F	16F						
3M100M	28	47	66	85	104	123	142	161	180	199	218	237	256	275	294	313	1/4	30	22	81	26	27
3M200M	34	57	80	103	126	149	172	195	218	241	264	287	310	333	356	379	1/4	35	25	92.5	26	35
3M300M	42	70	98	126	154	182	210	238	266	294	322	350	378	406	434	462	3/8	42	28	99	30	40