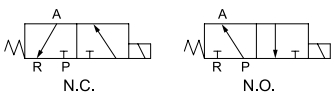


系列 Series	名称 Name	口径 Port Size	备注 Remarks	页码 Page No.
KSV100	3通电磁阀 3-Port Solenoid Valve	M5	微型直动型 Miniature/ Direct operated	2.001
KSV150		M5		2.003
KSV200		M5		2.005
KSV110		1/8	直动型 Direct operated	2.007
KSV210		M5		2.009
KVT307		1/4		2.011
KVZ300		M5	先导型 Pilot operated	2.013
KVZ500		1/8		2.017
KVP342		1/4		2.021
KVP542		3/8		2.024
KVP642		1/2		2.027
3V100		M5, 1/8		2.030
3V200		1/8, 1/4		2.032
3V300		1/4, 3/8		2.034
3V□00M		1/4, 3/8, 1/2	3V/3A系列汇流板 Manifold	2.036
KVZ3000	5通电磁阀 5-Port Solenoid Valve	M5	先导型 Pilot operated	2.037
KVZ5000		1/8		2.043
KVF3000		1/4		2.049
KVF5000		3/8		2.053
KVF6000		1/2		2.057
KVF6040		1/4~1/2	ISO规格底座配管型 ISO standard, base ported	2.061
KVF7040		3/8~3/4		2.063
KVF8040		3/4~1		2.065
4V100		M5, 1/8	先导型 Pilot operated	2.067
4V200		1/8, 1/4		2.069
4V300		1/4, 3/8		2.071
4V400		1/2		2.073
4V□00M		1/4, 3/8, 1/2	4V/4A系列汇流板 Manifold	2.075
KNVF3000		1/4	先导型贴装阀 Pilot operated/ NAMUR interface	2.076
KNVF4000		1/4		2.078
4M		M5~3/8		2.080
KSY3000S		M5	先导型 Pilot operated	2.082
KSY5000S		1/8		2.084
KSY7000S		1/4		2.086

系列 Series	名称 Name	口径 Port Size	备注 Remarks	页码 Page No.
KVZA300	3通气控阀 3-Port Air Operated Valve	M5		2.088
KVZA500		1/8		2.089
KVPA342		1/4		2.090
KVPA542		3/8		2.091
KVPA642		1/2		2.092
3A100		M5, 1/8		2.093
3A200		1/8, 1/4		2.094
3A300		1/4, 3/8		2.095
KVZA3000	5通气控阀 5-Port Air Operated Valve	M5		2.096
KVZA5000		1/8		2.097
KVFA3000		1/4		2.098
KVFA5000		3/8		2.099
KVFA6000		1/2		2.100
KVFA6040		1/4~1/2	ISO规格底座配管型 ISO standard, base ported	2.101
KVFA7040		3/8~3/4		2.102
KVFA8040		3/4~1		2.103
4A100		M5, 1/8		2.104
4A200		1/8, 1/4		2.105
4A300		1/4, 3/8		2.106
4A400		1/2		2.107
KVM430	3通机械阀 3-Port Mechanical Valve	1/8		2.108
KVM230		1/4		2.111
KVZM550	5通机械阀 5-Port Mechanical Valve	1/8		2.114
KVFM350		1/4		2.117
KVFM350-40		1/4~3/8	脚踏板型 Foot treadle operated	2.120
KLV	手动阀 Hand Valve	1/8~1/2		2.121
KMV		1/8~1/4		2.123
4HV		1/8~3/4		2.124
HSV	手滑阀 Hand Slide Valve	1/8~1		2.125
KAB21H		1/8~1	高压 High pressure	2.126
KBS	2通电磁阀 (空气/水/煤气/轻油等) 2-Port Fluid Solenoid Valve (Air, water, gas, light oil, etc.)	1/8~1/2	直动型 Direct operated	2.128
KWK		3/8~2	先导型零压差启动式 Zero differential pressure/ Pilot operated	2.130
KGD		3/8~2	先导型 Pilot operated	2.132
KA	2通活塞式角座阀 2-Port Externally Controlled Angle Seat Valve	3/8~2 1/2	多种流体适用 Multiple fluids applicable	2.134
KT	气动执行器 Pneumatic Actuator			2.136
阀体和密封件材质对应介质的选型参考 Selection Guide of Valve Body Material and Seal Material Corresponding to Media				2.141

ISO规格10mm 3通直动型电磁阀
ISO Standard 10mm 3-Port Direct
Operated Solenoid Valve
Series **KSV100**

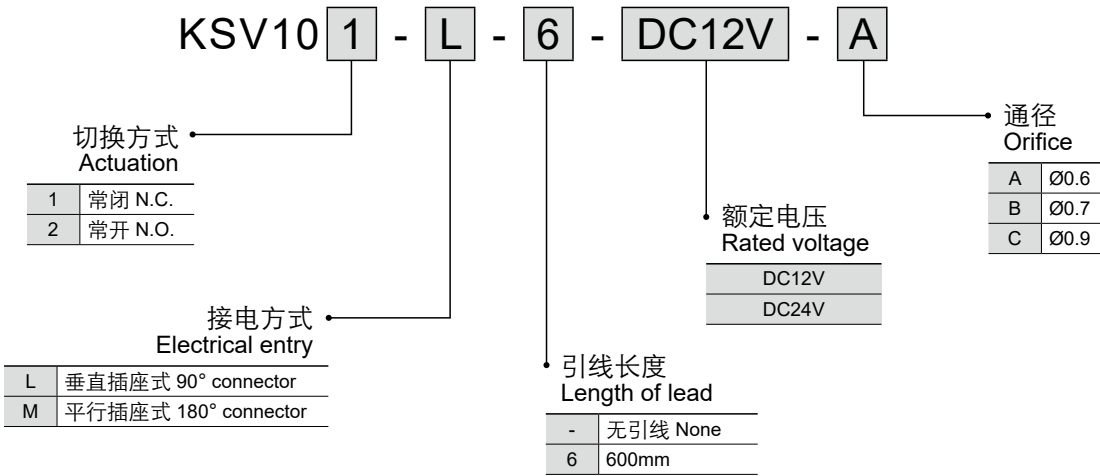


KSV102-L

规格 Specifications

型号 Model	KSV101	KSV102
	3/2-N.C.	3/2-N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
使用压力范围 Operating pressure range (MPa)	0~0.75	
通径 Orifice (mm)	P=Ø0.7, R=Ø1.0 (标准 Standard) P=Ø0.6, R=Ø1.0 (可选 Option) P=Ø0.9, R=Ø1.0 (可选 Option)	
环境及流体温度 Ambient and fluid temperature	0~60°C	
响应时间 Response time (0.5 MPa)	≤ 5 ms	
润滑 Lubrication	不需要 Not required	
最大工作频率 Maximum operating frequency	30 c.p.s	
手动方式 Manual override	按钮 Push button	
额定电压 Rated voltage	DC12V, DC24V	
容许电压波动范围 Permissible voltage variation	± 10% 额定电压 ± 10% of rated voltage	
线圈绝缘类型 Coil insulation type	等同 F 级 Equivalent to Class F	
功率消耗 Power consumption	0.6 W, 0.8 W	

型号表示方法 How to Order



10mm 3通直动型电磁阀(ISO规格)

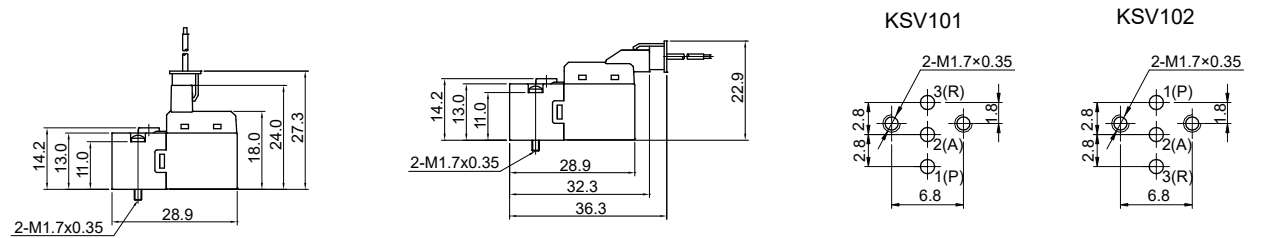
10mm 3-Port Direct Operated Solenoid Valve (ISO Standard)

Series **KSV100**

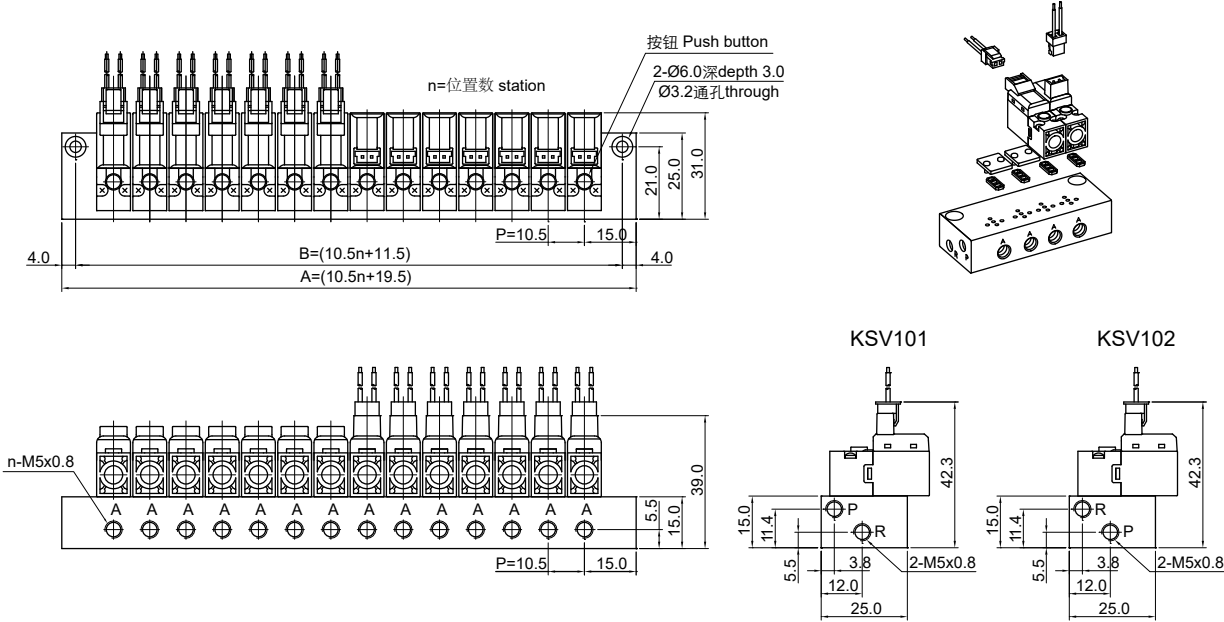
外形尺寸图 Dimensions (mm)

KSV10*-L

KSV10*-M

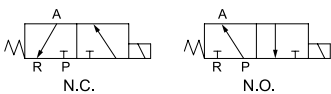


汇流板 Manifold



位置数 No. of stations n	2	3	4	5	6	7	8	9	10	11	12	13	14
A	40.5	51	61.5	72	82.5	93	103.5	114	124.5	135	145.5	156	166.5
B	32.5	43	53.5	64	74.5	85	95.5	106	116.5	127	137.5	148	158.5

10mm 3通直动型电磁阀
10mm 3-Port Direct Operated
Solenoid Valve
Series **KSV150**

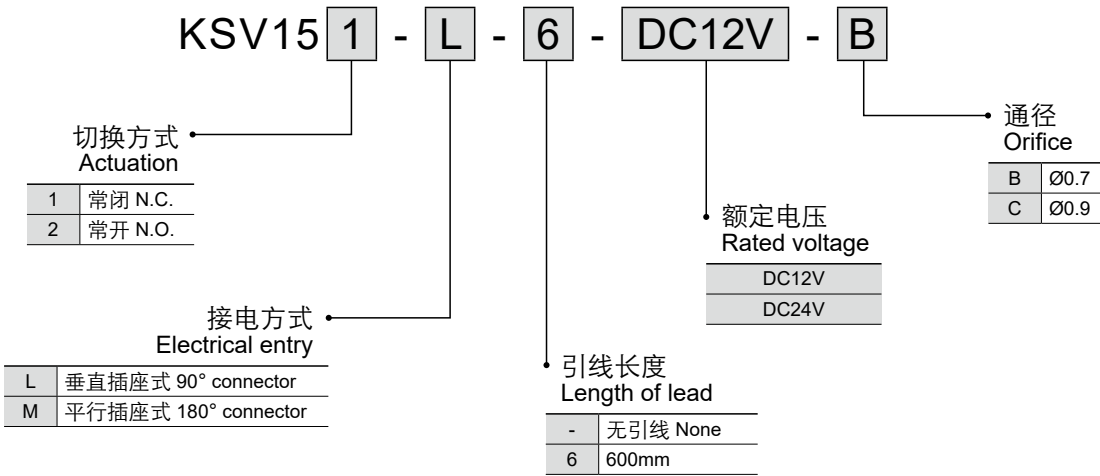


KSV151-L

规格 Specifications

型号 Model	KSV151	KSV152
	3/2-N.C.	3/2-N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
使用压力范围 Operating pressure range (MPa)	0~0.75	
通径 Orifice (mm)	P=Ø0.7, R=Ø1.0 (标准 Standard) P=Ø0.9, R=Ø1.0 (可选 Option)	
环境及流体温度 Ambient and fluid temperature	0~60°C	
响应时间 Response time (0.5 MPa)	≤ 5 ms	
润滑 Lubrication	不需要 Not required	
最大工作频率 Maximum operating frequency	30 c.p.s	
手动方式 Manual override	按钮 Push button	
额定电压 Rated voltage	DC12V, DC24V	
容许电压波动范围 Permissible voltage variation	± 10% 额定电压 ± 10% of rated voltage	
线圈绝缘类型 Coil insulation type	等同 F 级 Equivalent to Class F	
功率消耗 Power consumption	0.6 W, 0.8 W	

型号表示方法 How to Order

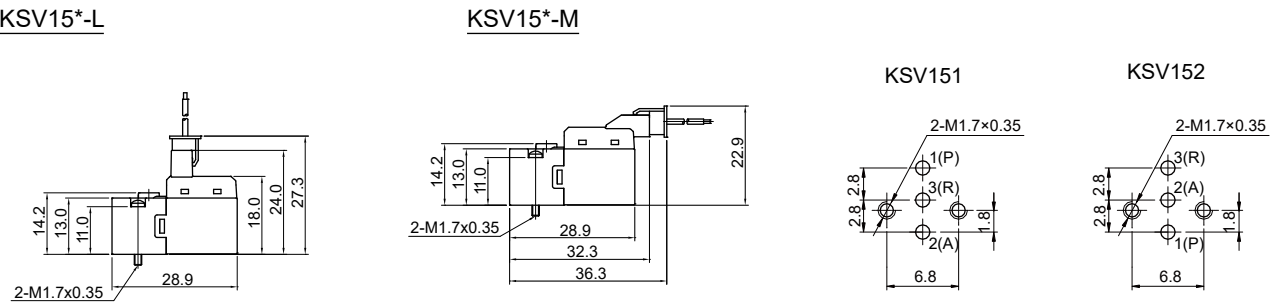


10mm 3通直动型电磁阀

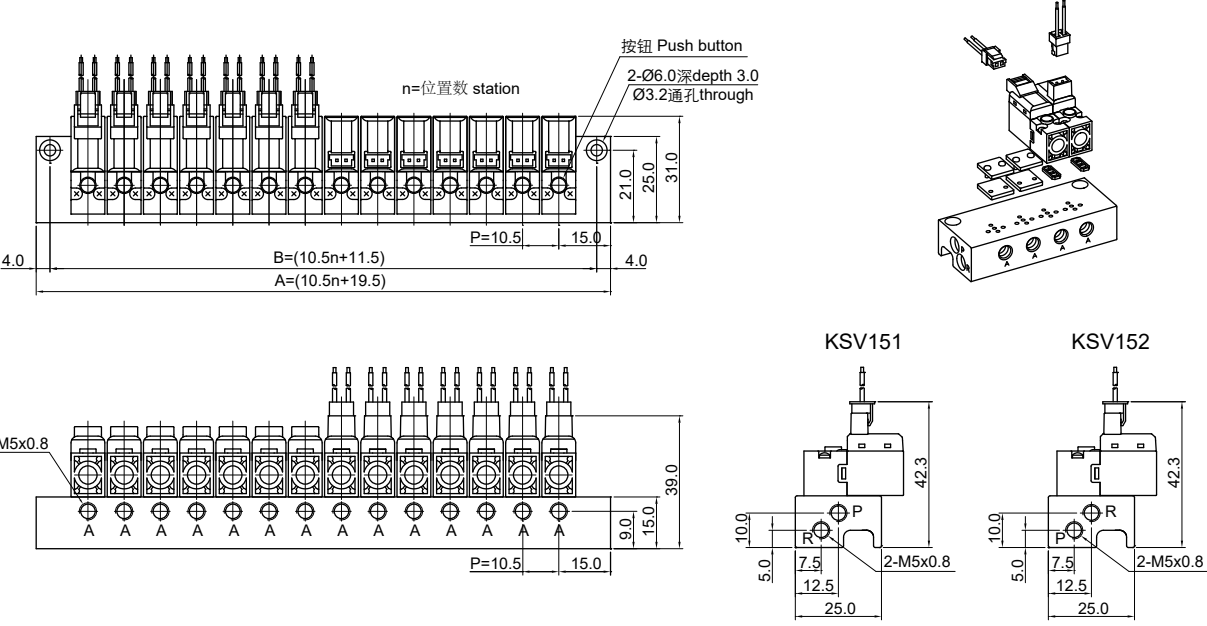
10mm 3-Port Direct Operated Solenoid Valve

Series KSV150

外形尺寸图 Dimensions (mm)

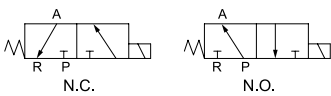


汇流板 Manifold



位置数 No. of stations n	2	3	4	5	6	7	8	9	10	11	12	13	14
A	40.5	51	61.5	72	82.5	93	103.5	114	124.5	135	145.5	156	166.5
B	32.5	43	53.5	64	74.5	85	95.5	106	116.5	127	137.5	148	158.5

15mm 3通直动型电磁阀
15mm 3-Port Direct Operated
Solenoid Valve
Series **KSV200**



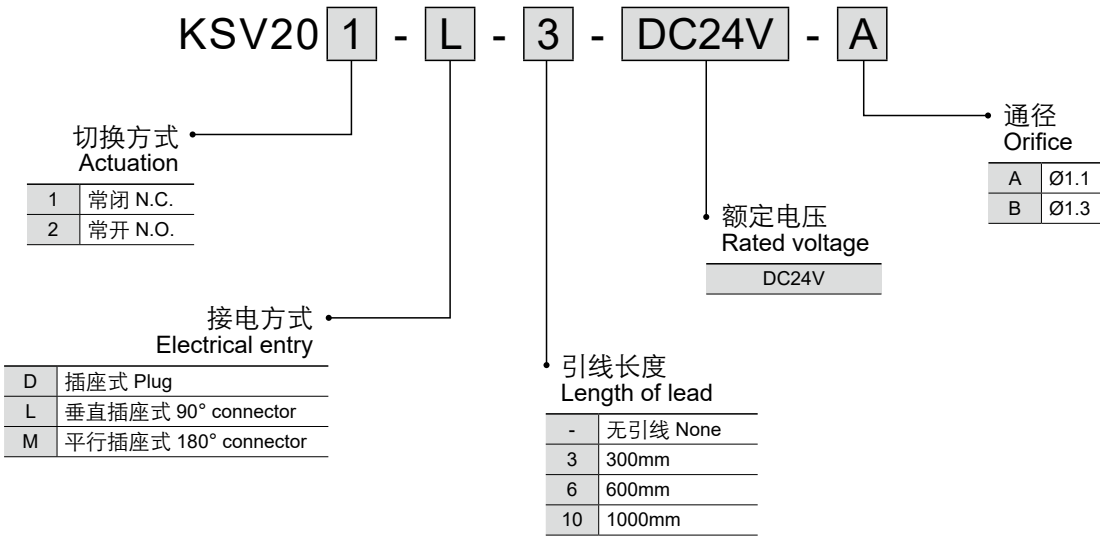
KSV201-L



规格 Specifications

型号 Model	KSV201	KSV202
	3/2-N.C.	3/2-N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
使用压力范围 Operating pressure range (MPa)	0~0.7	
通径 Orifice (mm)	P=Ø1.3, R=Ø1.5 (标准 Standard) P=Ø1.1, R=Ø1.5 (可选 Option)	
环境及流体温度 Ambient and fluid temperature	5~60°C (未冻结 No freezing)	
响应时间 Response time (0.5 MPa)	≤ 20 ms	
润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮 Push button	
额定电压 Rated voltage	DC24V	
容许电压波动范围 Permissible voltage variation	± 10% 额定电压 ± 10% of rated voltage	
线圈绝缘类型 Coil insulation type	等同 F 级 Equivalent to Class F	
功率消耗 Power consumption	2.0 W	

型号表示方法 How to Order

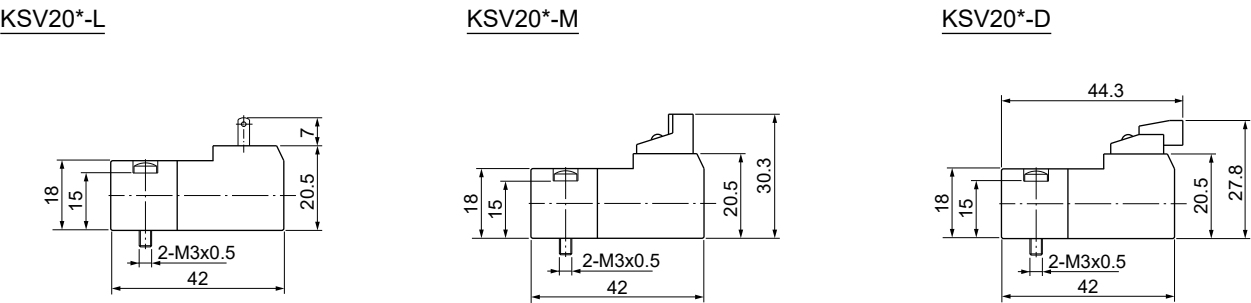


15mm 3通直动型电磁阀

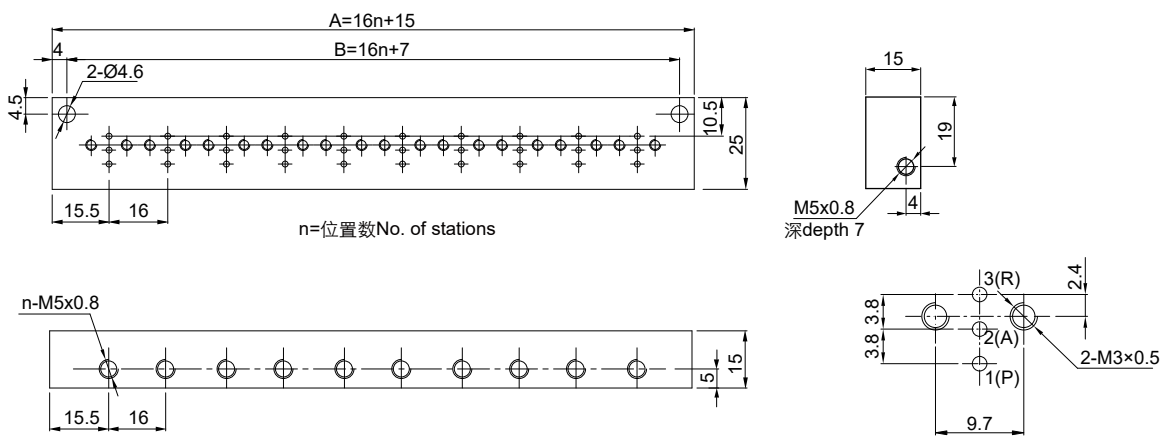
15mm 3-Port Direct Operated Solenoid Valve

Series **KSV200**

外形尺寸图 Dimensions (mm)



汇流板 Manifold

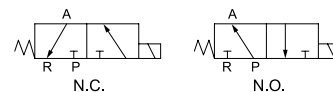


位置数 No. of stations n	2	3	4	5	6	7	8	9	10	11	12	13	14
A	47	63	79	95	111	127	143	159	175	191	207	223	239
B	39	55	71	87	103	119	135	151	167	183	199	215	231

3通直动型电磁阀

3-Port Direct Operated Solenoid Valve

Series KSV110



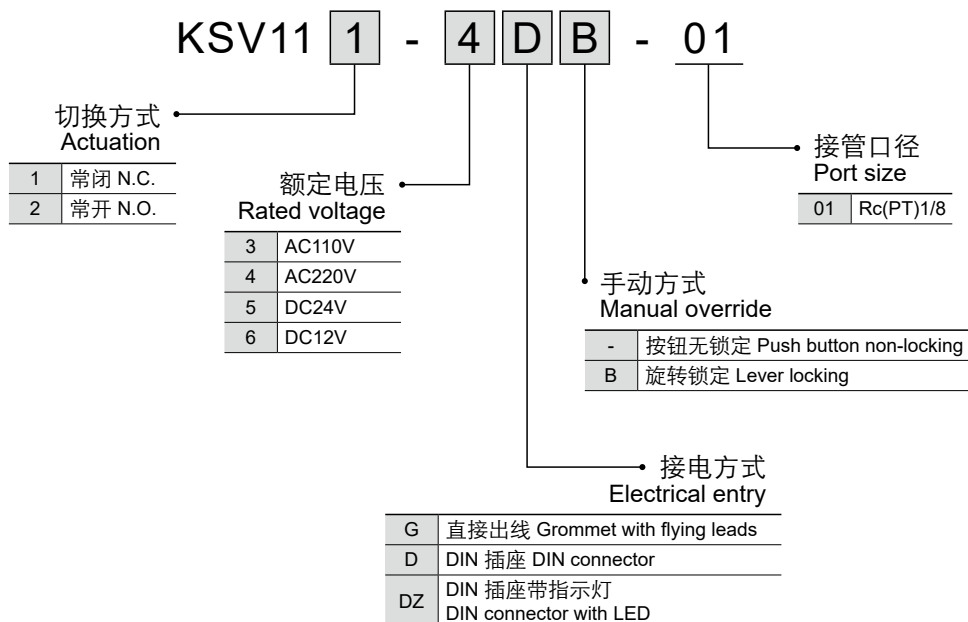
KSV111-5D

规格 Specifications

型号 Model	KSV111	KSV112
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT) 1/8	
使用压力范围 Operating pressure range (MPa)	0~0.8	
通径 Orifice (mm)	P=Ø1.5, R=Ø1.5	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 20 ms	
最大工作频率 Maximum working frequency	8 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)
	DC	2.5 W

* 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



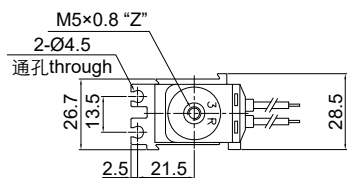
3通直动型电磁阀

3-Port Direct Operated Solenoid Valve

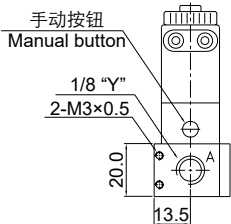
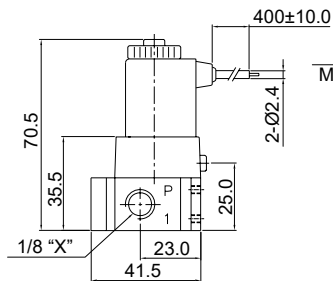
Series KSV110

外形尺寸图 Dimensions (mm)

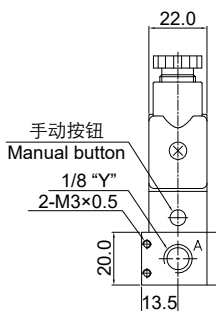
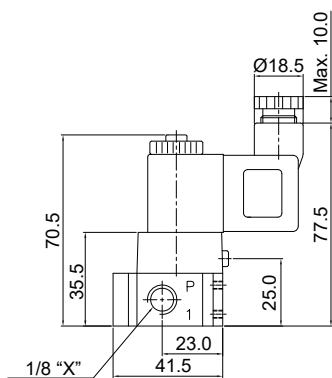
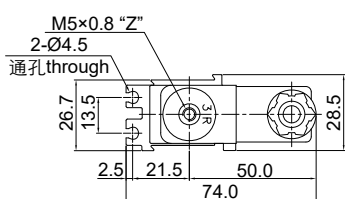
KSV111-G/KSV112-G



Type Port	N.C.		N.O.
	X	Y	Z
X	P(1)	A(2)	R(3)
Y	A(2)	R(3)	P(1)
Z	R(3)	P(1)	A(2)

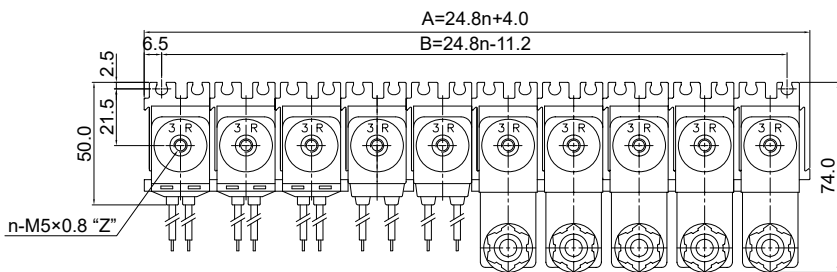


KSV111-D(DZ)/KSV112-D(DZ)

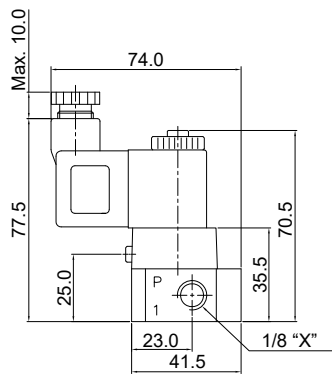
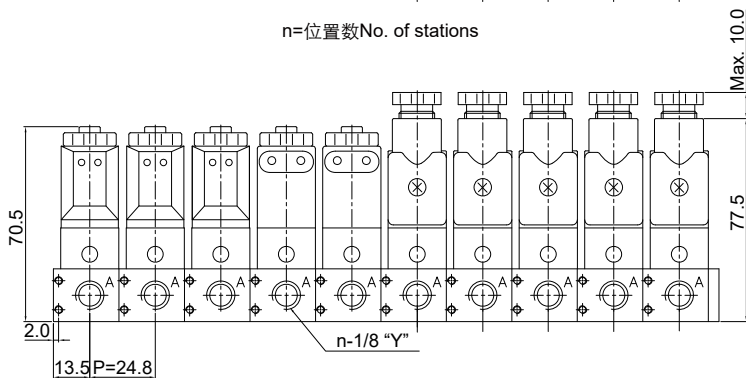


2

汇流板 Manifold

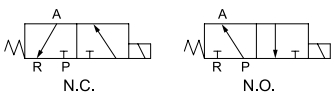


n=位置数No. of stations



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	53.6	78.4	103.2	128	152.8	177.6	202.4	227.2	252
B	38.4	63.2	88	112.8	137.6	162.4	187.2	212	236.8

3通直动型电磁阀
3-Port Direct Operated
Solenoid Valve
Series **KSV210**



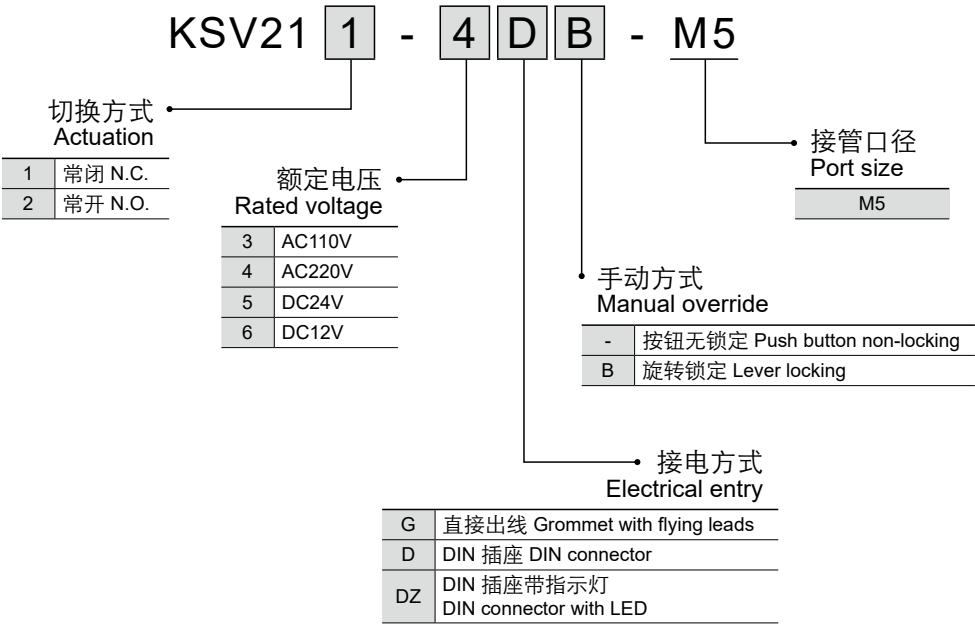
KSV211-5D

规格 Specifications

型号 Model	KSV211	KSV212
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	M5	
使用压力范围 Operating pressure range (MPa)	0~0.8	
通径 Orifice (mm)	P=Ø1.1, R=Ø1.2	P=Ø1.2, R=Ø1.1
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 20 ms	
最大工作频率 Maximum working frequency	8 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)
	DC	2.5 W

* 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



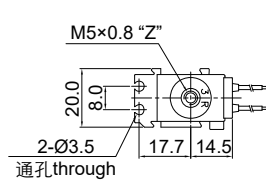
3通直动型电磁阀

3-Port Direct Operated Solenoid Valve

Series KSV210

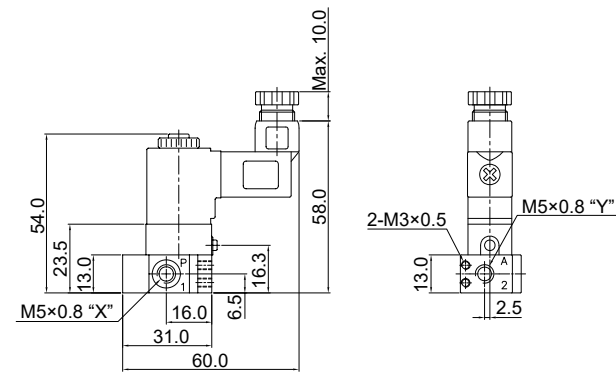
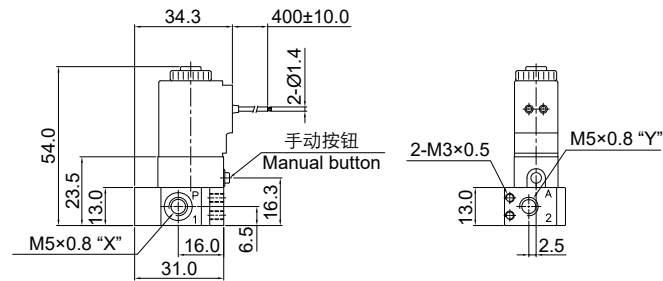
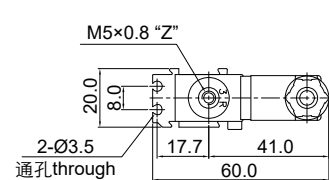
外形尺寸图 Dimensions (mm)

KSV211-G/KSV212-G



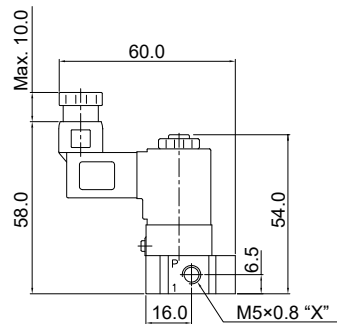
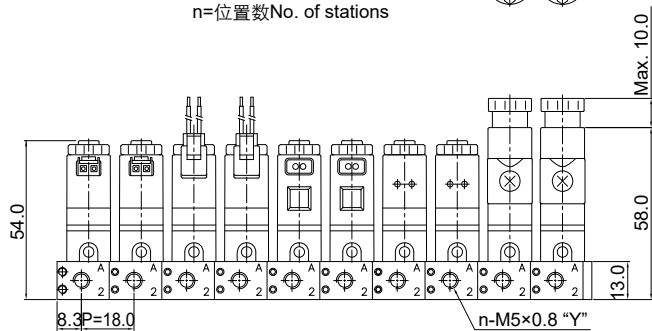
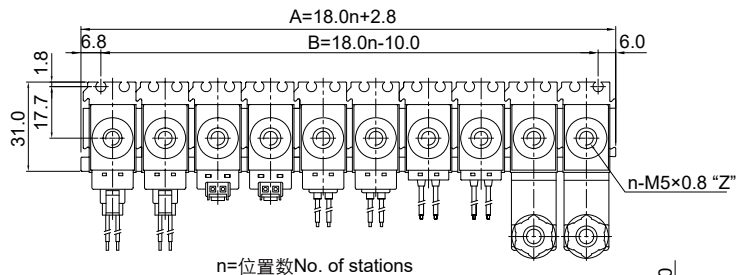
Type	N.C.	N.O.
Port		
X	P(1)	R(3)
Y	A(2)	A(2)
Z	R(3)	P(1)

KSV211-D(DZ)/KSV212-D(DZ)



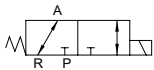
2

汇流板 Manifold



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	38.8	56.8	74.8	92.8	110.8	128.8	146.8	164.8	182.8
B	26	44	62	80	98	116	134	152	170

3通直动型电磁阀 3-Port Direct Operated Solenoid Valve Series *KVT307*



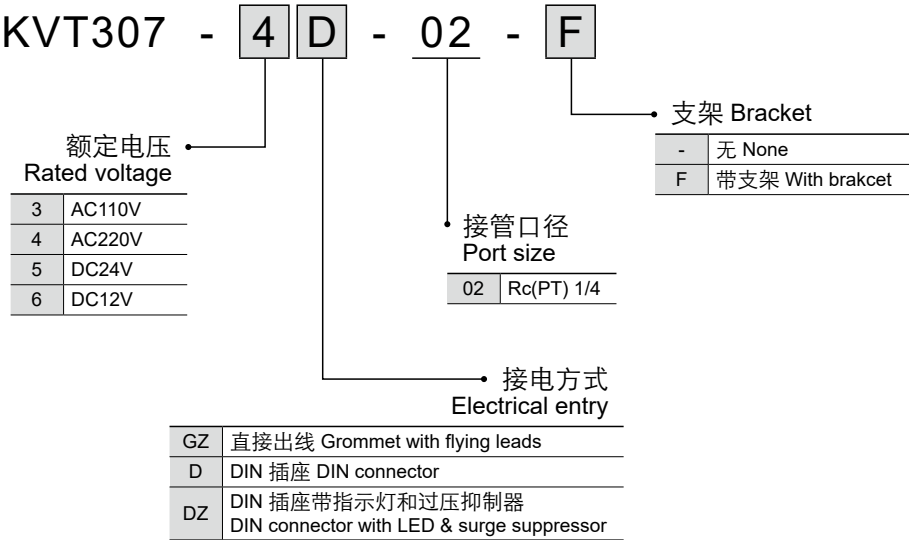
KVT307-5GZ

规格 Specifications

型号 Model		KVT307
使用流体 Fluid		过滤压缩空气 Filtered compressed air
结构 Configuration		2 位 3 通常闭 / 常开 3/2-way N.C. / N.O.
接管口径 Port size		Rc(PT) 1/4
使用压力范围 Operating pressure range (MPa)		0~0.7
环境及流体温度 Ambient and fluid temperature		-10~50°C (未冻结 No freezing)
响应时间 Response time (0.5 MPa)		≤ 20 ms
最大工作频率 Maximum working frequency		10 c/sec
* 润滑 Lubrication		不需要 Not required
手动方式 Manual override		按钮无锁定 Push button non-locking
额定电压 Rated voltage		AC110V, AC220V (50/60 Hz), DC12V, DC24V
容许电压波动范围 Permissible voltage variation		-15%~10% 额定电压 -15%~10% of rated voltage
线圈绝缘等级 Coil insulation class		F 或同等等级 Class F or equivalent
功率消耗 Power consumption	AC	持续 Holding 5.0 VA (50/60 Hz)
	DC	4.0 W

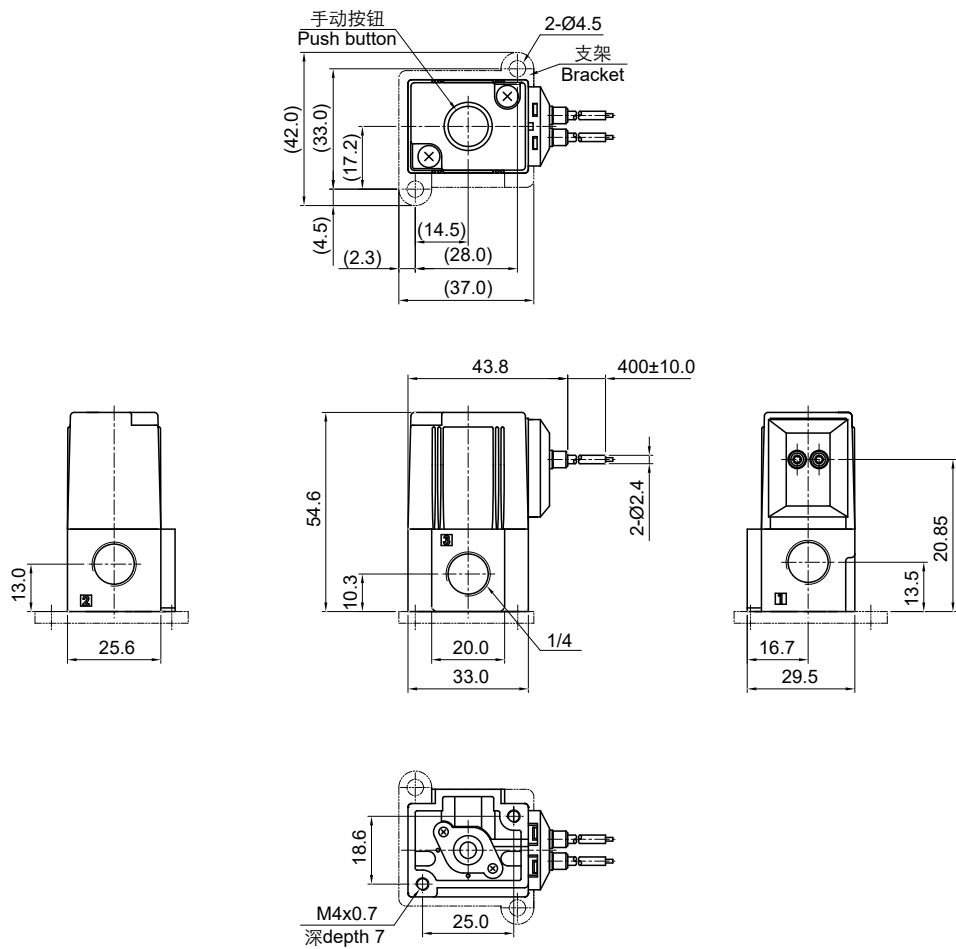
* 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.

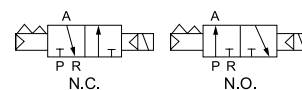
型号表示方法 How to Order



3通直动型电磁阀
3-Port Direct Operated Solenoid Valve
Series KVT307

外形尺寸图 Dimensions (mm)





KVZ312-G



KVZ312-D



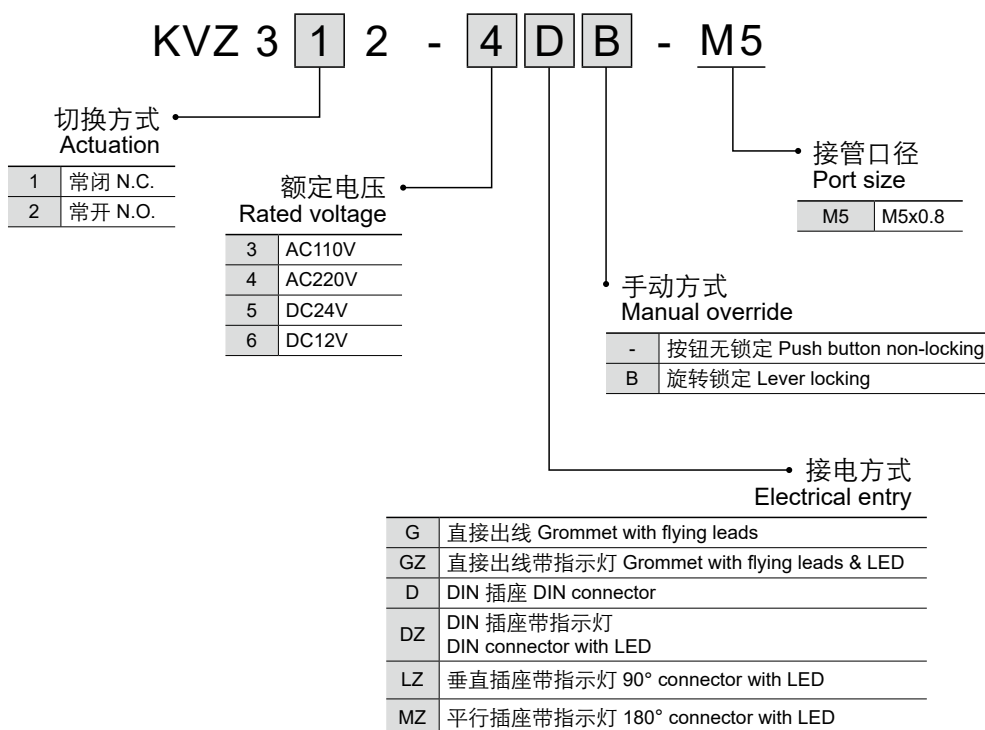
KVZ312-MZ

规格 Specifications

型号 Model	KVZ312	KVZ322
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	M5	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm ²)	3.6	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 25 ms	
最大工作频率 Maximum working frequency	5 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)
	DC	2.5 W

* 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



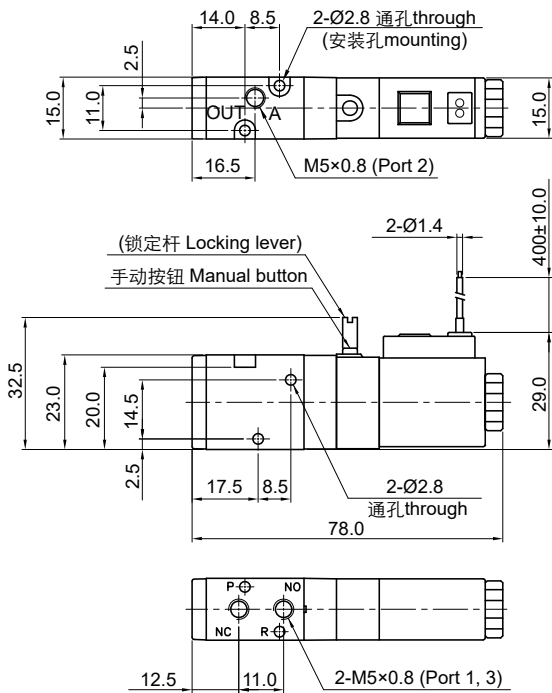
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

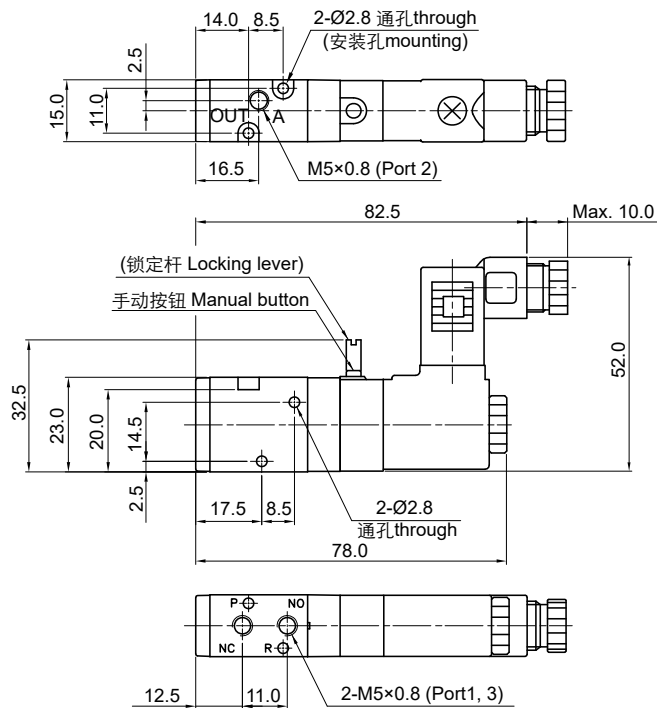
Series KVZ300

外形尺寸图 Dimensions (mm)

KVZ312-GZ/KVZ322-GZ



KVZ312-D(DZ)/KVZ322-D(DZ)



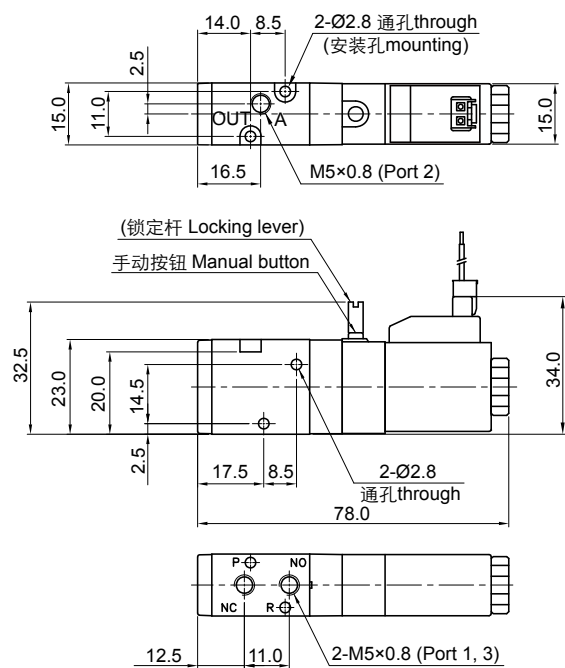
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

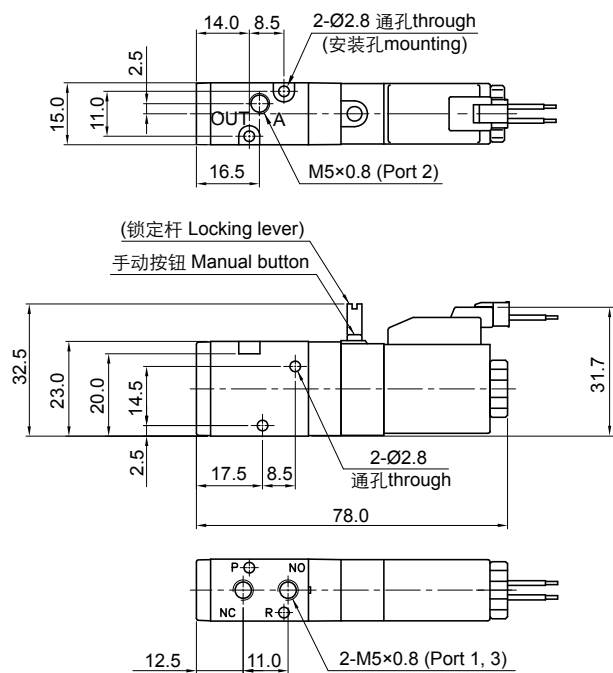
Series KVZ300

外形尺寸图 Dimensions (mm)

KVZ312-LZ/KVZ322-LZ



KVZ312-MZ/KVZ322-MZ



汇流板

Manifold *Series KVZ300*

规格 Specifications

型号 Model	KVZ300
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/8
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~20

型号表示方法 How to Order

KVZ 300

-

M5

-

B2

适用电磁阀 Applicable solenoid valve

Series KVZ300

位置数

No. of stations

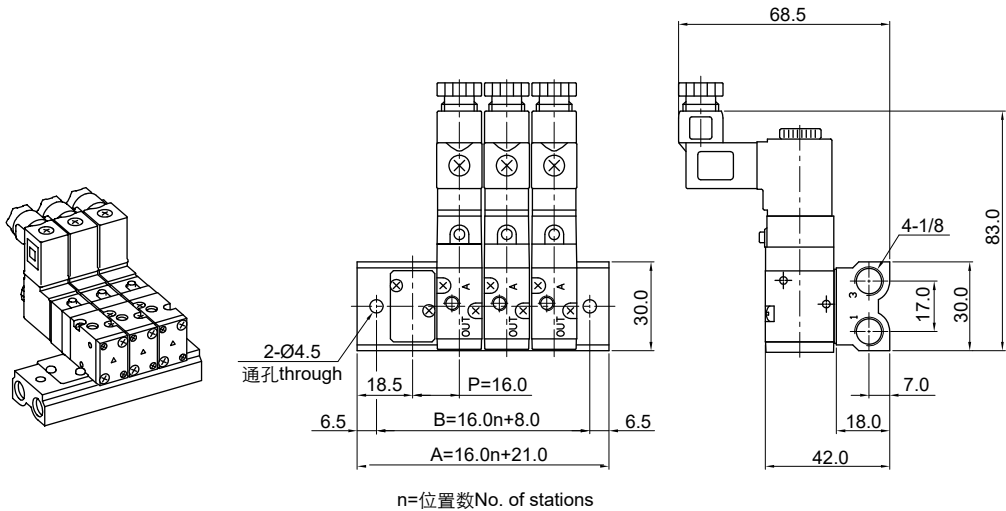
M2	2
M3	3
M4	4
...	...

盲板数量

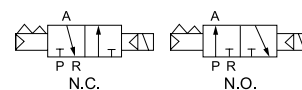
No. of blank plates

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	53	69	85	101	117	133	149	165	181
B	40	56	72	88	104	120	136	152	168



KVZ512-G



KVZ512-D



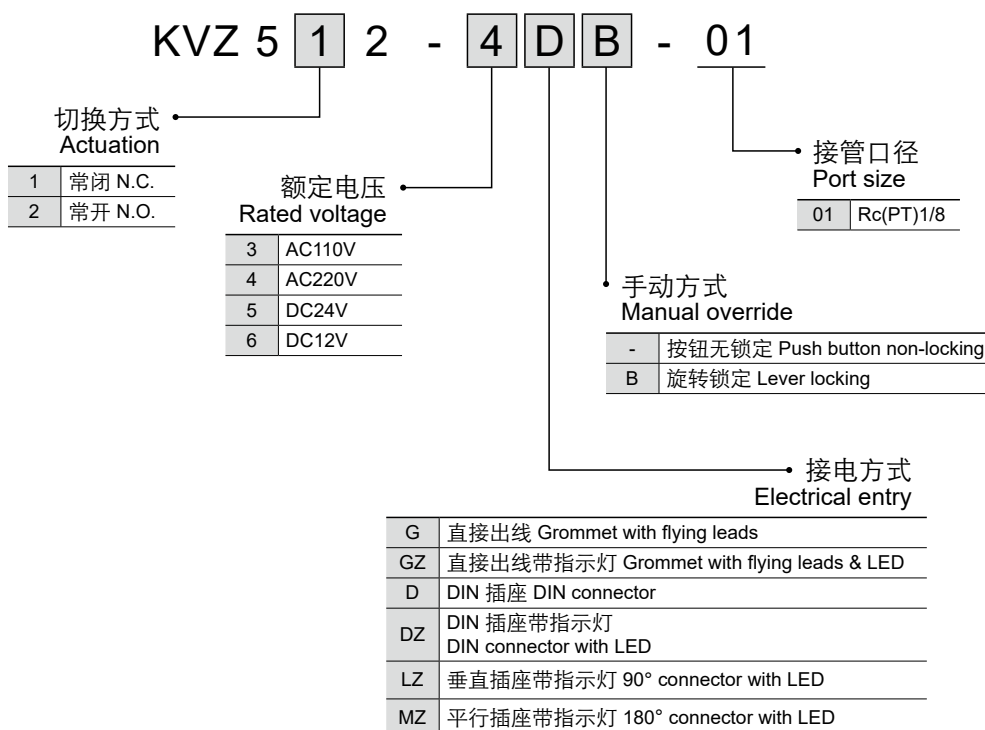
KVZ512-DZ

规格 Specifications

型号 Model	KVZ512	KVZ522
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT)1/8	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm ²)	12.6	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 25 ms	
最大工作频率 Maximum working frequency	5 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)
	DC	2.5 W

* 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



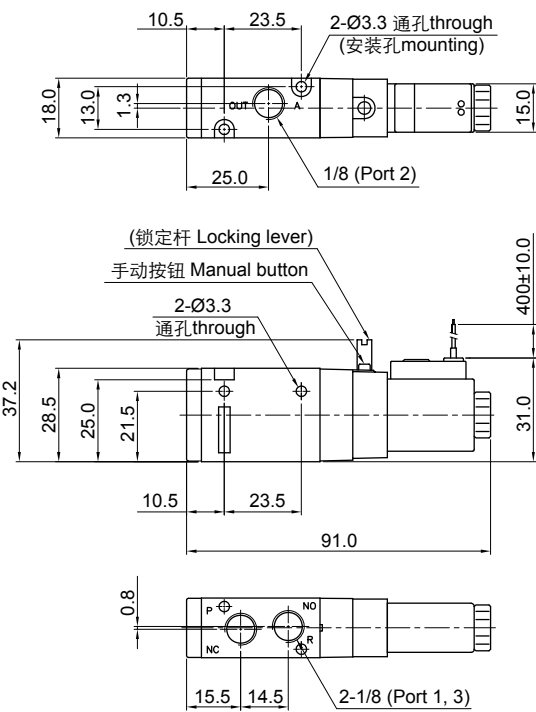
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

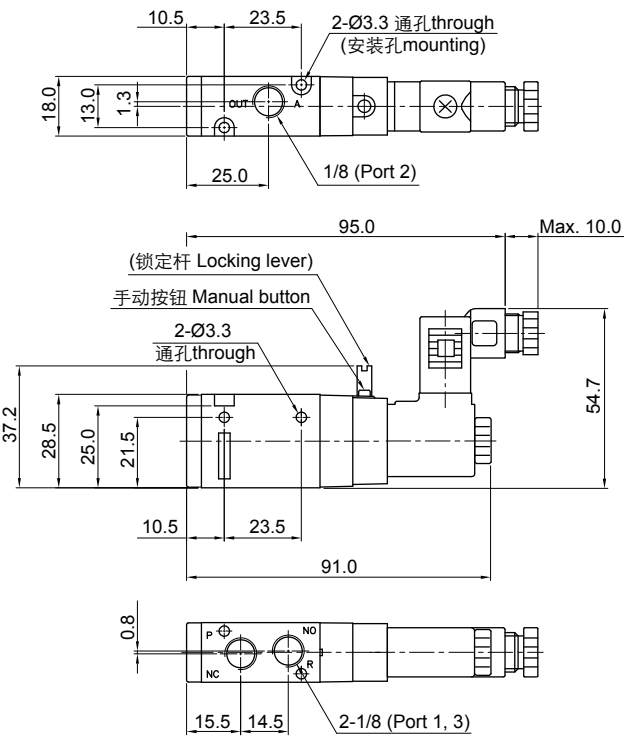
Series KVZ500

外形尺寸图 Dimensions (mm)

KVZ512-GZ/KVZ522-GZ



KVZ512-D(DZ)/KVZ522-D(DZ)



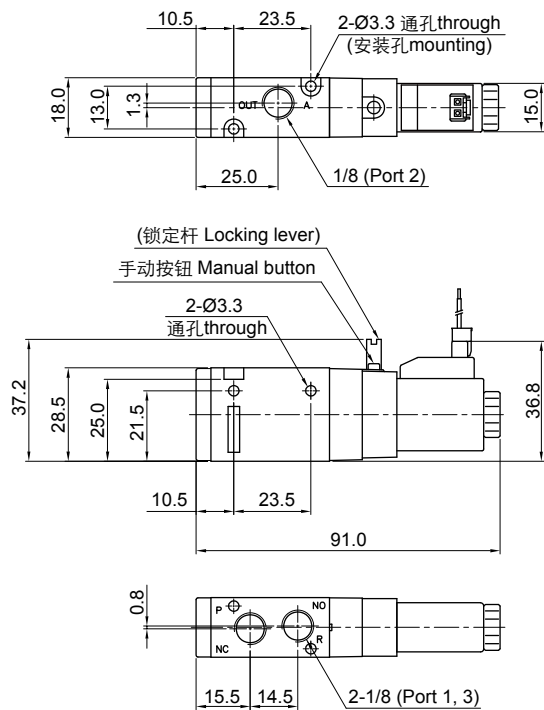
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

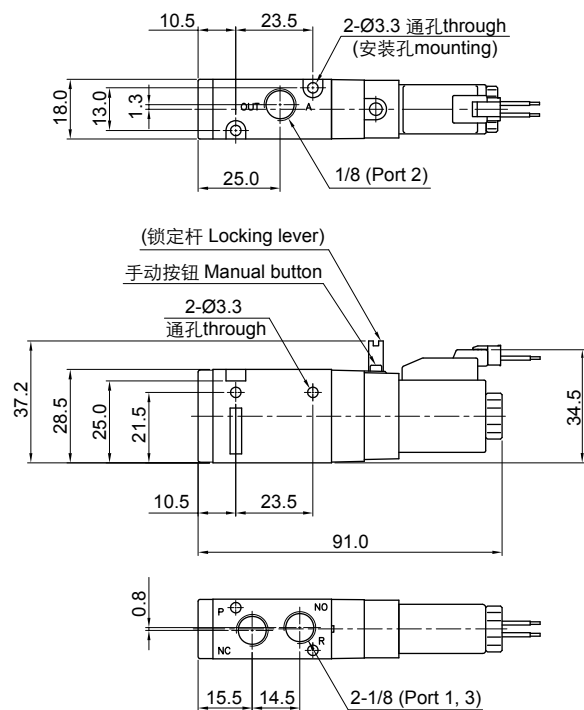
Series KVZ500

外形尺寸图 Dimensions (mm)

KVZ512-LZ/KVZ522-LZ



KVZ512-MZ/KVZ522-MZ



汇流板

Manifold *Series KVZ500*

规格 Specifications

型号 Model	KVZ500
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~20

型号表示方法 How to Order

KVZ 500 - M5 - B2

适用电磁阀 Applicable solenoid valve
Series KVZ500

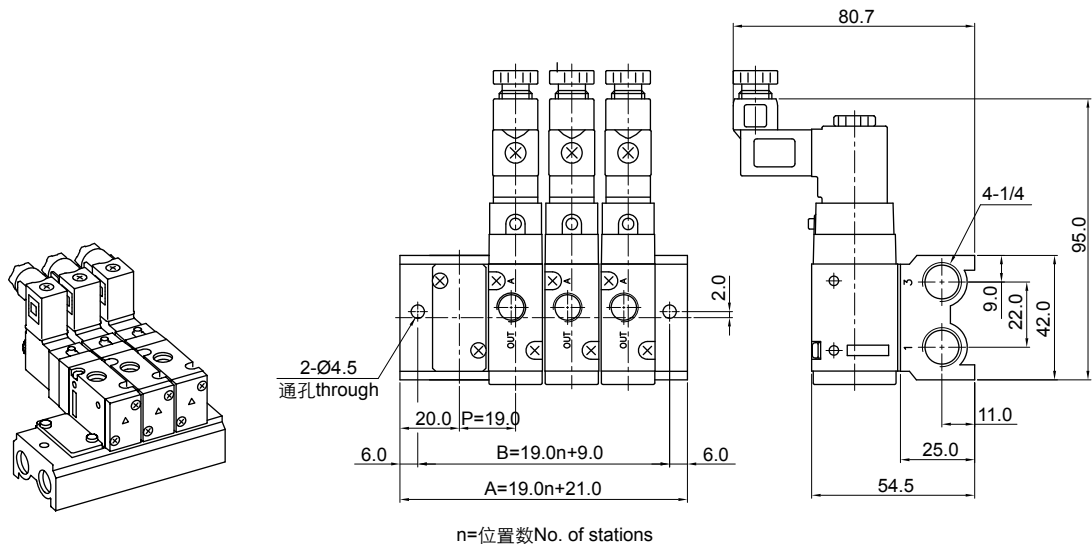
位置数
No. of
stations

盲板数量
No. of
blank plates

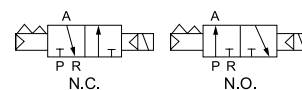
M2	2
M3	3
M4	4
...	...

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	59	78	97	116	135	154	173	192	211
B	47	66	85	104	123	142	161	180	199



KVP342-D



KVP342-DZ

规格 Specifications

型号 Model	KVP342	
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT)1/4	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm ²)	19.0	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 25 ms	
最大工作频率 Maximum working frequency	5 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)
	DC	2.5 W

* 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

KVP 342 - 4 D B - 02 A

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
GZ	直接出线带指示灯 Grommet with flying leads & LED
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

切换方式
Actuation

A	常闭 N.C.
B	常开 N.O.

接管口径
Port size

02	Rc(PT)1/4
----	-----------

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

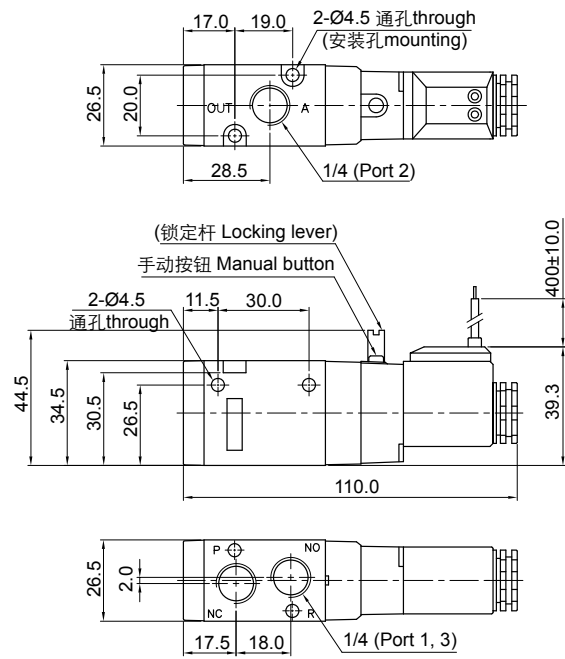
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

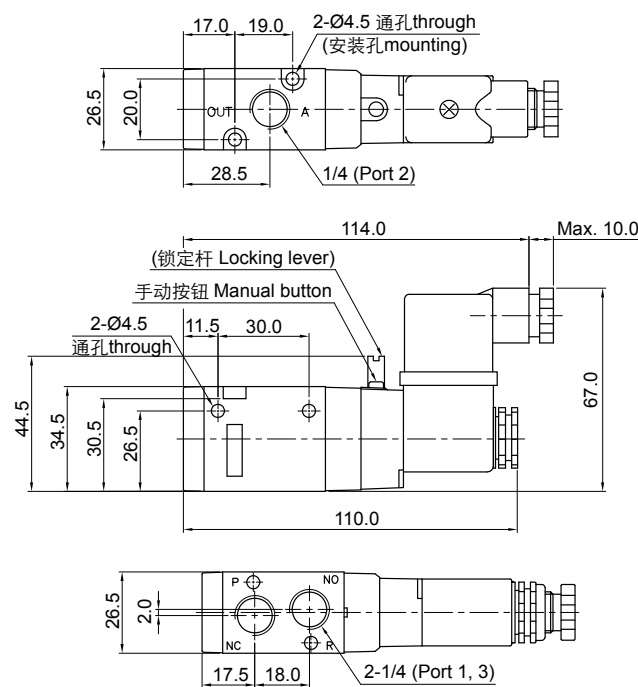
Series *KVP342*

外形尺寸图 Dimensions (mm)

KVP342-GZ



KVP342-D(DZ)



汇流板

Manifold *Series KVP300*

规格 Specifications

型号 Model	KVP300
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10

型号表示方法 How to Order

KVP 300

-

M5

-

B2

适用电磁阀 Applicable solenoid valve
Series KVP342

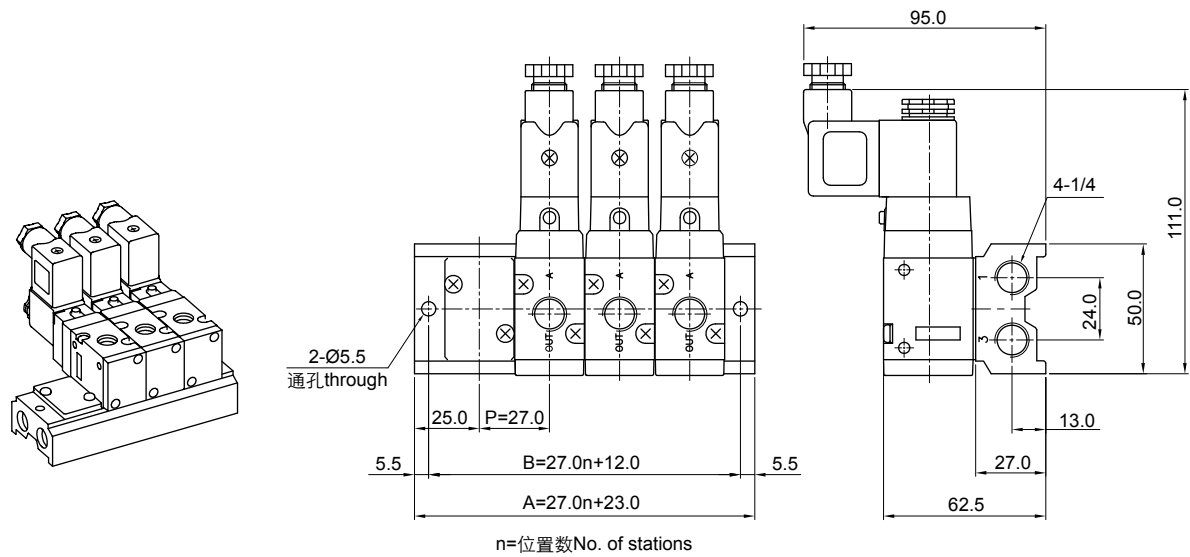
位置数
No. of
stations

盲板数量
No. of
blank plates

M2	2
M3	3
M4	4
...	...

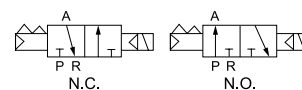
-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	77	104	131	158	185	212	239	266	293
B	66	93	120	147	174	201	228	255	282

3通先导型电磁阀 3-Port Pilot Operated Solenoid Valve Series **KVP542**



KVP542-D

规格 Specifications

型号 Model	KVP542	
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT)3/8	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm ²)	36.0	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 30 ms	
最大工作频率 Maximum working frequency	5 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)
	DC	2.5 W

* 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

KVP 542 - 4 D B - 03 A

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
GZ	直接出线带指示灯 Grommet with flying leads & LED
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

切换方式
Actuation

A	常闭 N.C.
B	常开 N.O.

接管口径
Port size

03	Rc(PT)3/8
----	-----------

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

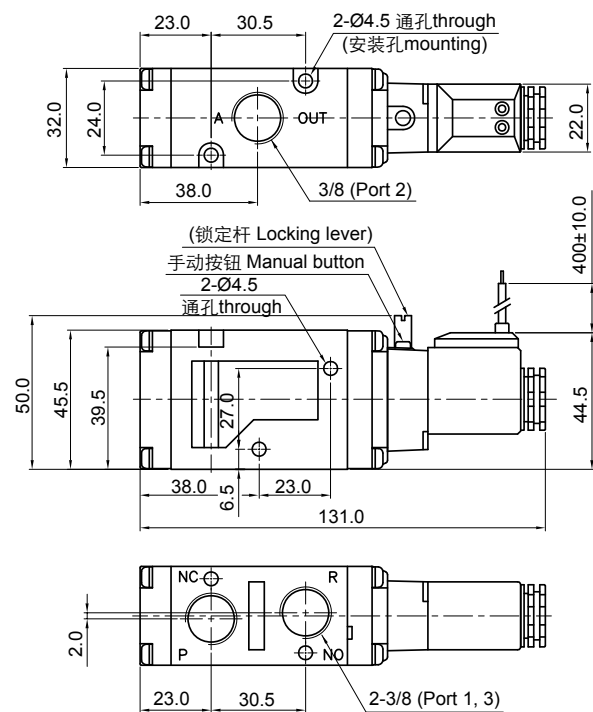
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

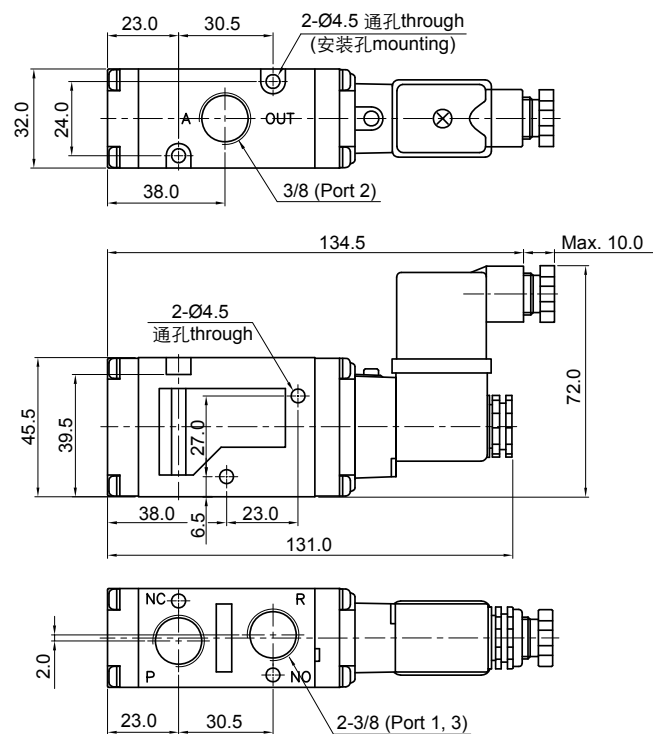
Series *KVP542*

外形尺寸图 Dimensions (mm)

KVP542-GZ



KVP542-D(DZ)



汇流板

Manifold *Series KVP500*

规格 Specifications

型号 Model	KVP500
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)3/8
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10

型号表示方法 How to Order

KVP 500

-

M5

-

B2

适用电磁阀 Applicable solenoid valve
Series KVP542

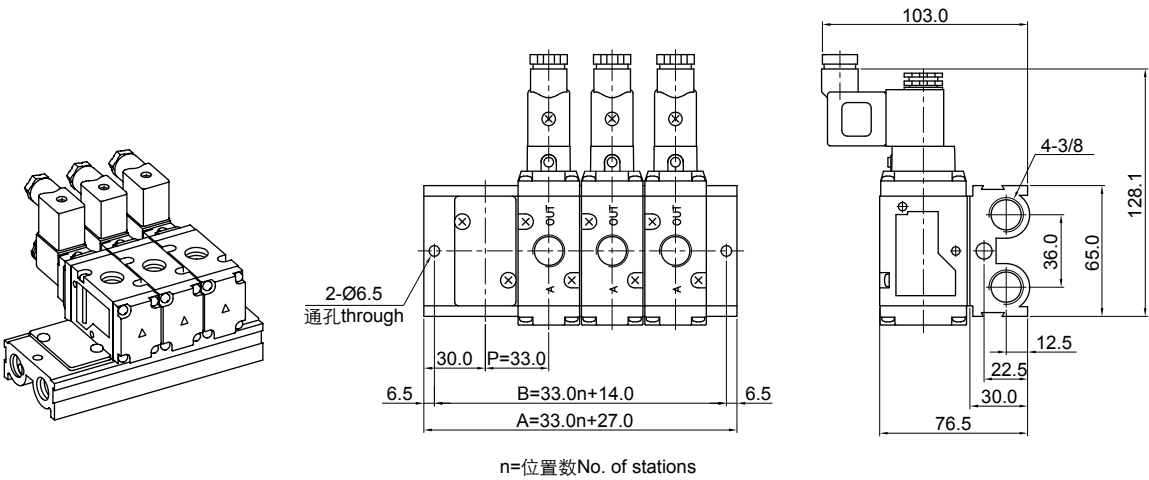
位置数
No. of
stations

盲板数量
No. of
blank plates

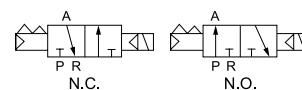
M2	2
M3	3
M4	4
...	...

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	93	126	159	192	225	258	291	324	357
B	80	113	146	179	212	245	278	311	344



KVP642-D

规格 Specifications

型号 Model	KVP642	
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT)1/2	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm ²)	65.0	
环境及流体温度 Ambient and fluid temperature	5~60°C	
响应时间 Response time (0.5 MPa)	≤ 30 ms	
最大工作频率 Maximum working frequency	2 c/sec	
* 润滑 Lubrication	不需要 Not required	
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)	
额定电压 Rated voltage	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	
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)
	DC	2.5 W

* 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

KVP 642 - 4 D B - 04 A

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
GZ	直接出线带指示灯 Grommet with flying leads & LED
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

切换方式
Actuation

A	常闭 N.C.
B	常开 N.O.

接管口径
Port size

04	Rc(PT)1/2
----	-----------

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

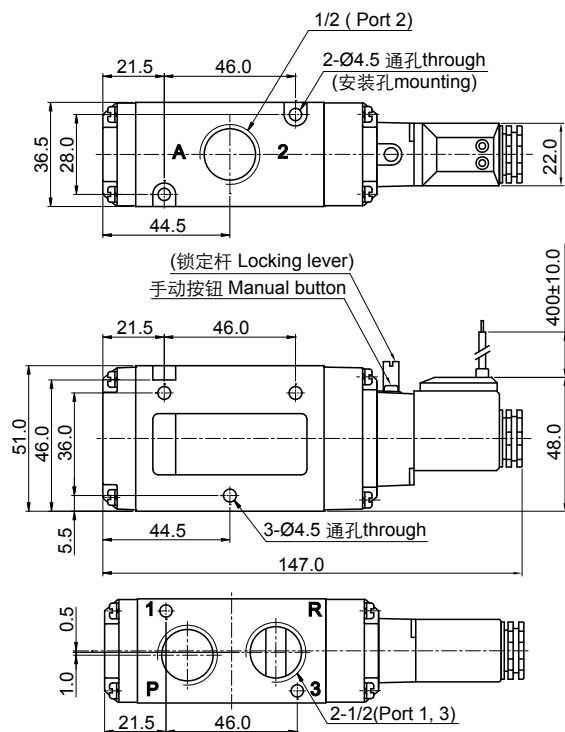
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

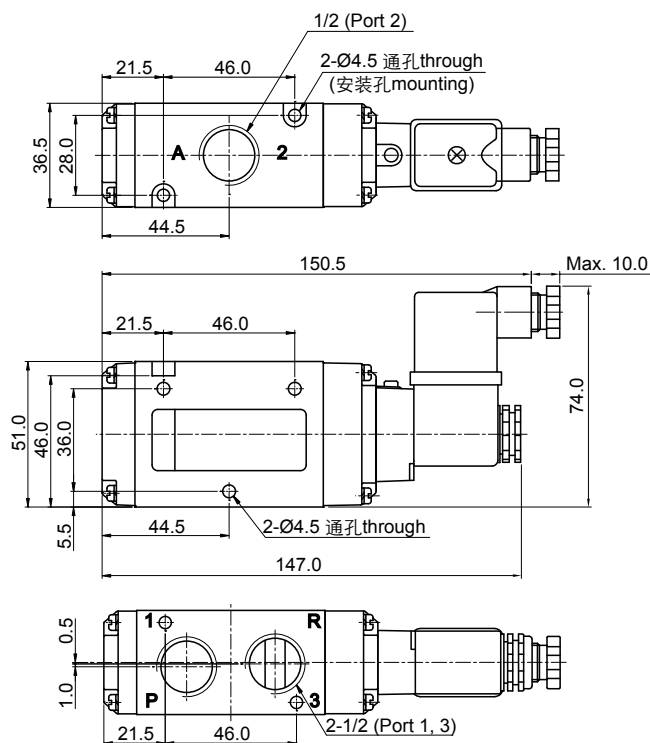
Series *KVP642*

外形尺寸图 Dimensions (mm)

KVP642-GZ



KVP642-D(DZ)



汇流板

Manifold *Series KVP600*

规格 Specifications

型号 Model	KVP600
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/2
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10

型号表示方法 How to Order

KVP 600

-

M5

-

B2

适用电磁阀 Applicable solenoid valve
Series KVP642

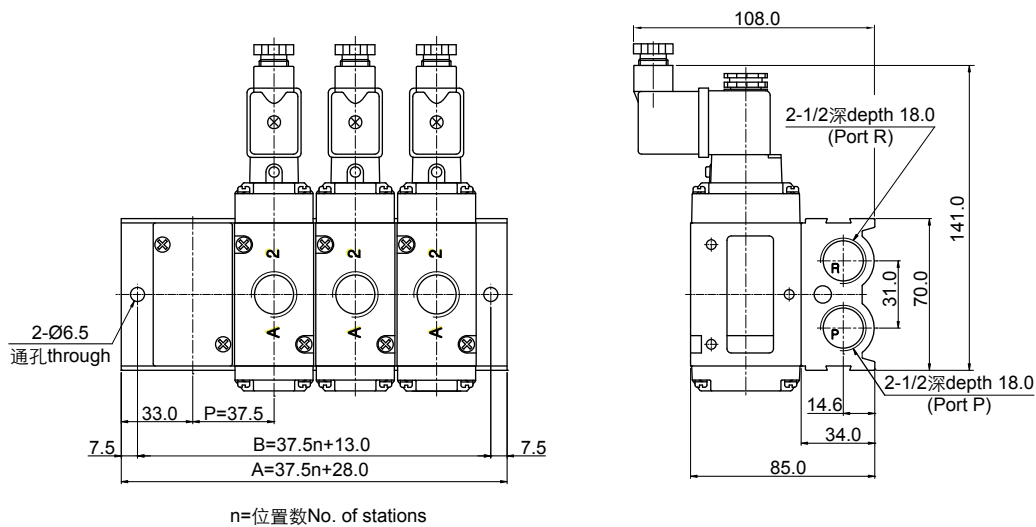
位置数
No. of
stations

盲板数量
No. of
blank plates

M2	2
M3	3
M4	4
...	...

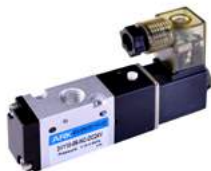
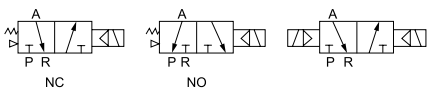
-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	103	140.5	178	215.5	253	290.5	328	365.5	403
B	88	125.5	163	200.5	238	275.5	313	350.5	388

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)

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

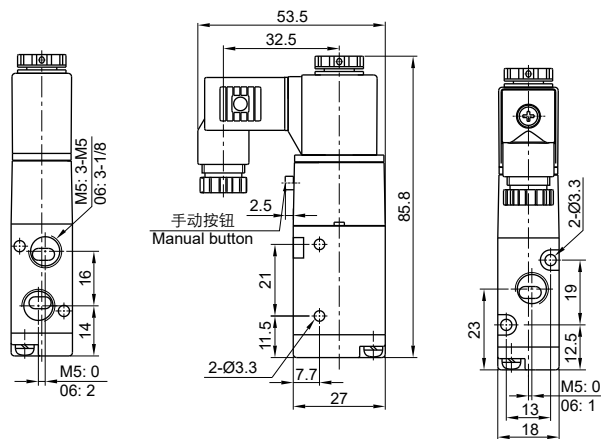
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

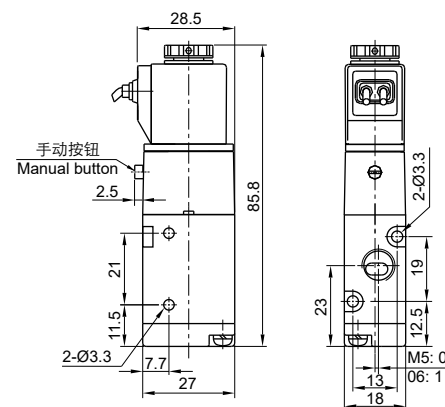
Series 3V100

外形尺寸图 Dimensions (mm)

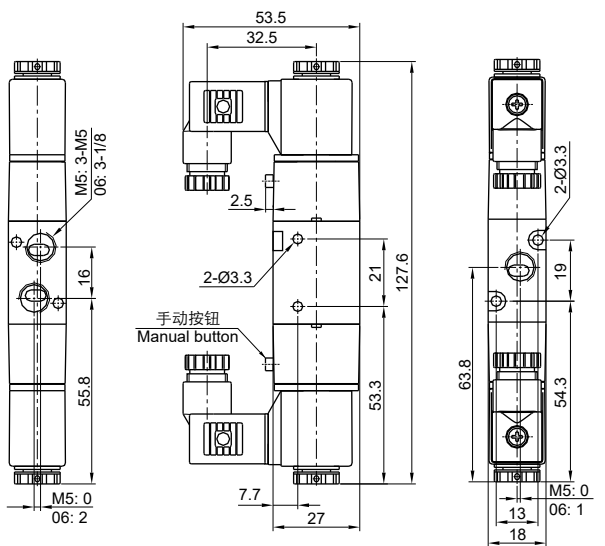
3V110-(LD)



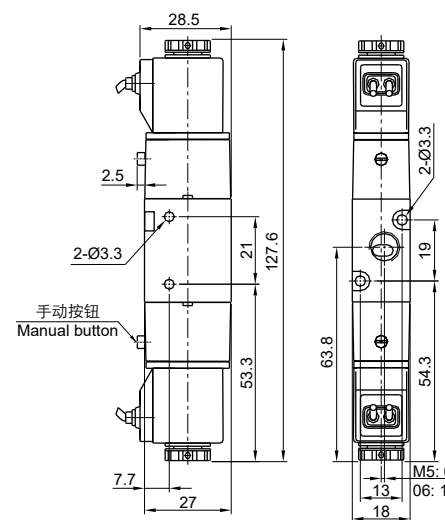
3V110-W



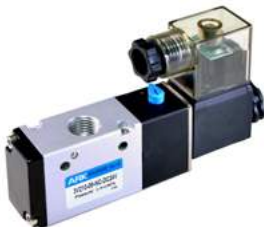
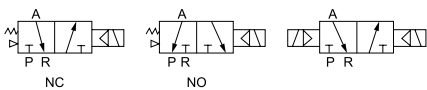
3V120-(LD)



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

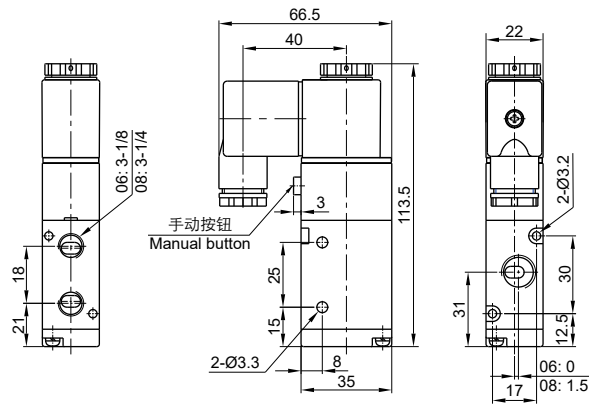
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

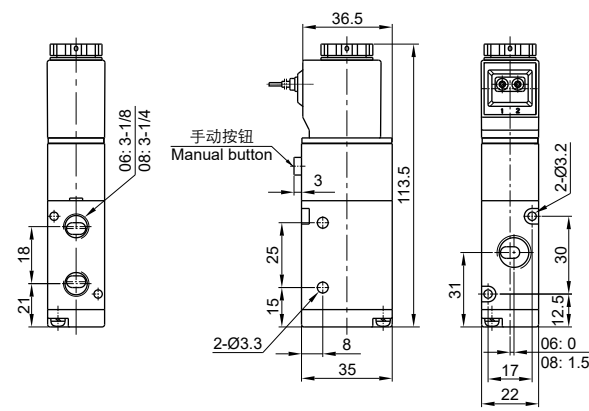
Series 3V200

外形尺寸图 Dimensions (mm)

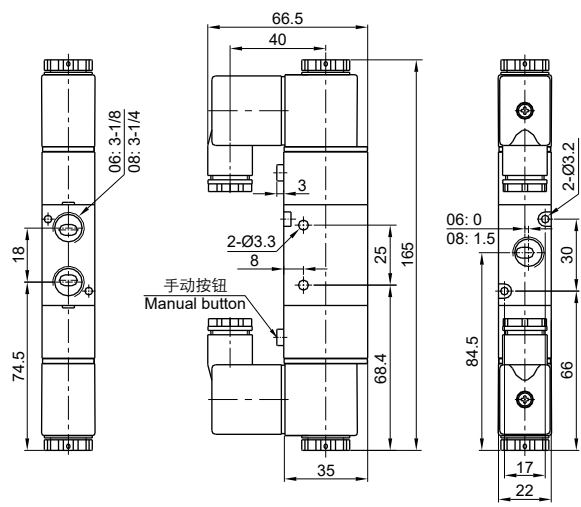
3V210-(LD)



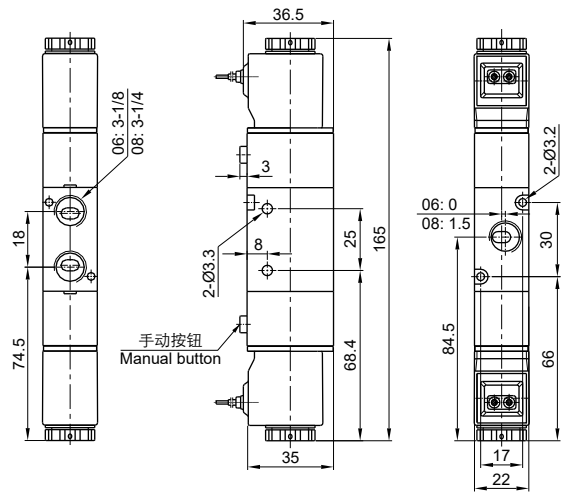
3V210-W



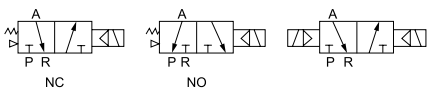
3V220-(LD)



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

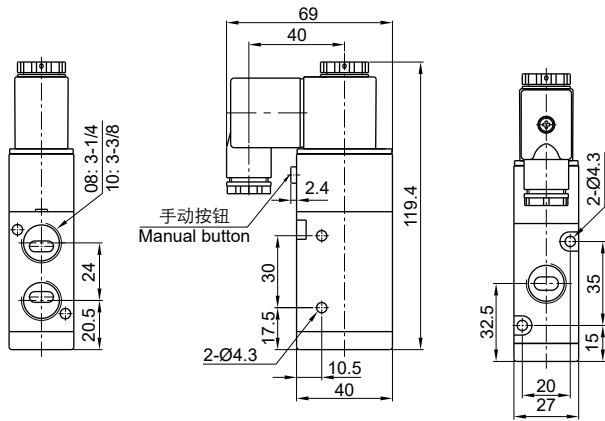
3通先导型电磁阀

3-Port Pilot Operated Solenoid Valve

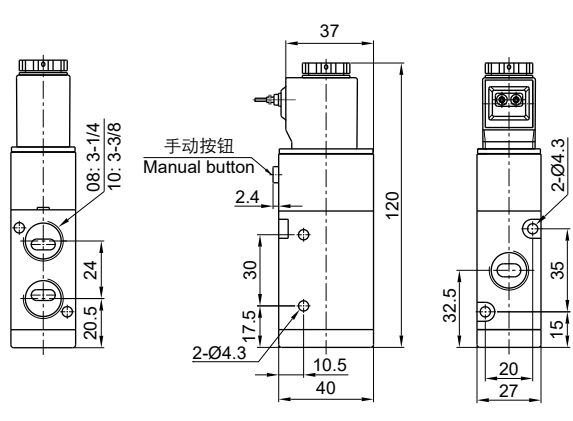
Series 3V300

外形尺寸图 Dimensions (mm)

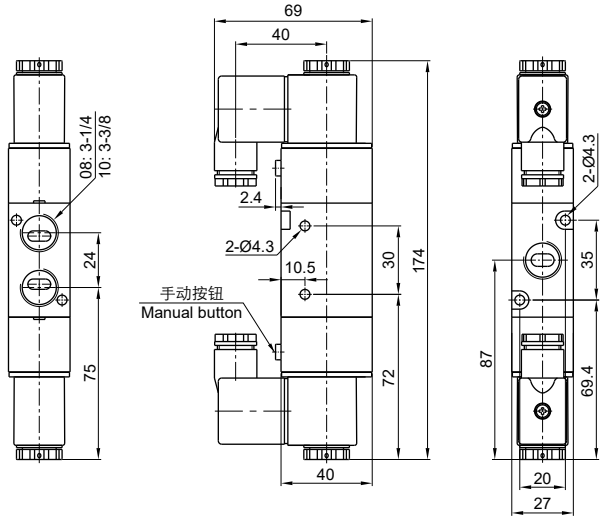
3V310-(LD)



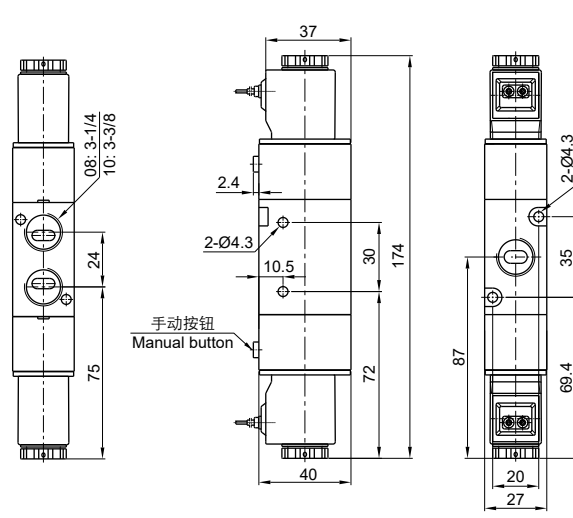
3V310-W



3V320-(LD)



3V320-W



汇流板

Manifold

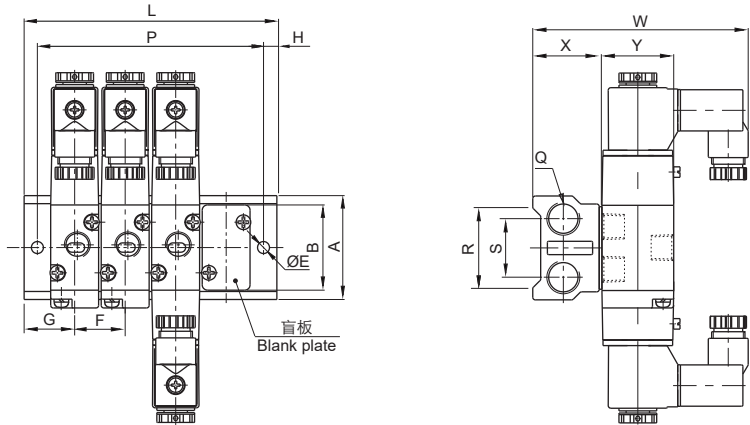
规格 Specifications

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)



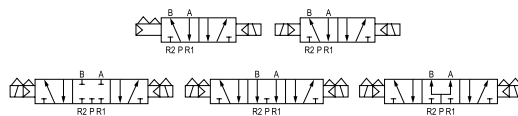
型号 Model	A	B	E	F	G	H	L													
							1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F
3M100M	39	32	4.5	19	19	5	38	57	76	95	114	133	152	171	190	209	228	247	266	285
3M200M	45	40	4.5	23	23	6	46	69	92	115	138	161	184	207	230	253	276	299	322	345
3M300M	52	47	4.5	28	27	6	54	82	110	138	166	194	222	250	278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

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series KVZ3000



KVZ3120-G



KVZ3120-D



KVZ3120-MZ



KVZ3220-DZ

规格 Specifications

型号 Model	KVZ3120	KVZ3220	KVZ3320	KVZ3420	KVZ3520
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	M5				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	3.6		3.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
响应时间 Response time (0.5 MPa)	≤ 25 ms		≤ 35 ms		
最大工作频率 Maximum working frequency	5 c/sec		3 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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				
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVZ 3 **1** 20 - **4** **D** **B** - M5

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径
Port size

M5	M5x0.8
----	--------

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
GZ	直接出线带指示灯 Grommet with flying leads & LED
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED
LZ	垂直插座带指示灯 90° connector with LED
MZ	平行插座带指示灯 180° connector with LED

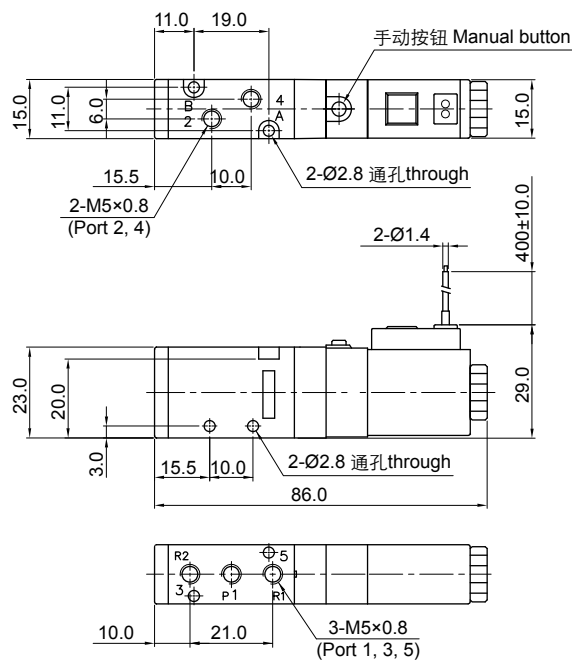
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

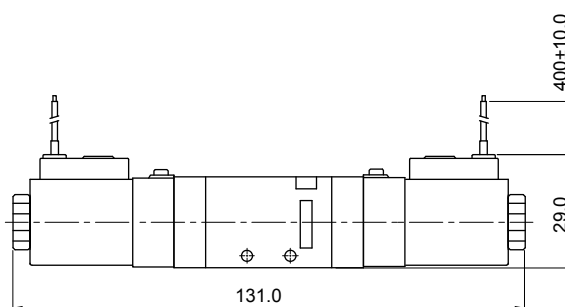
Series KVZ3000

外形尺寸图 Dimensions (mm)

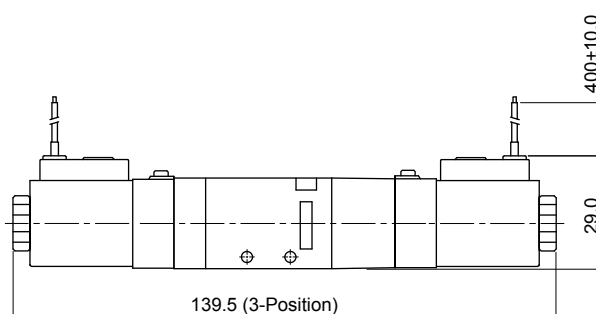
KVZ3120-GZ



KVZ3220-GZ



KVZ33(4, 5)20-GZ



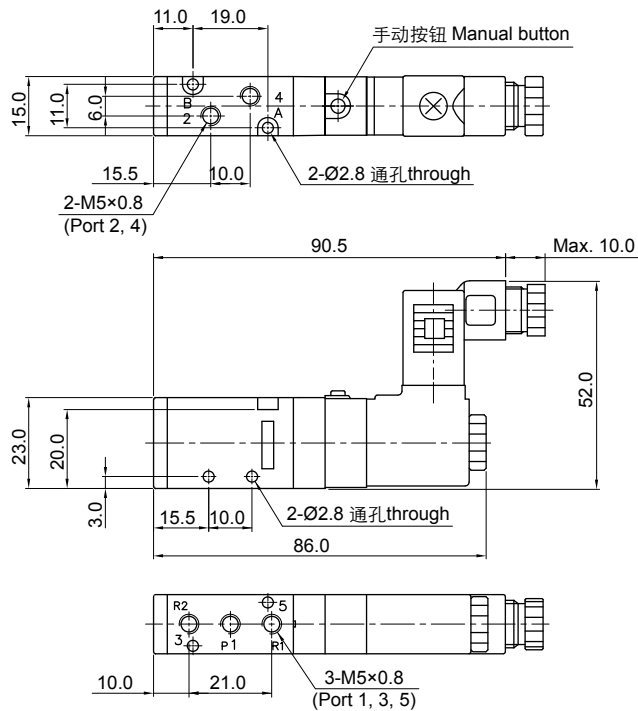
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

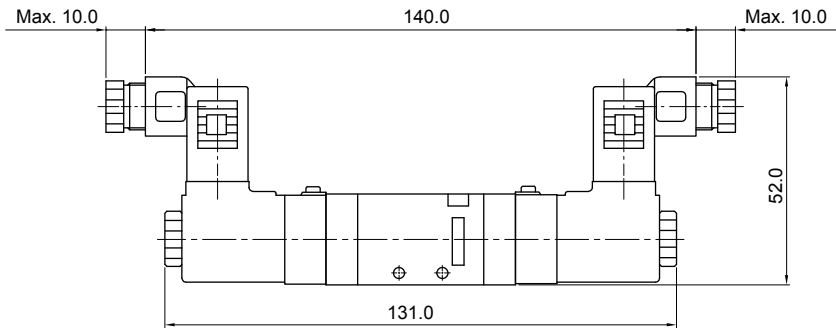
Series KVZ3000

外形尺寸图 Dimensions (mm)

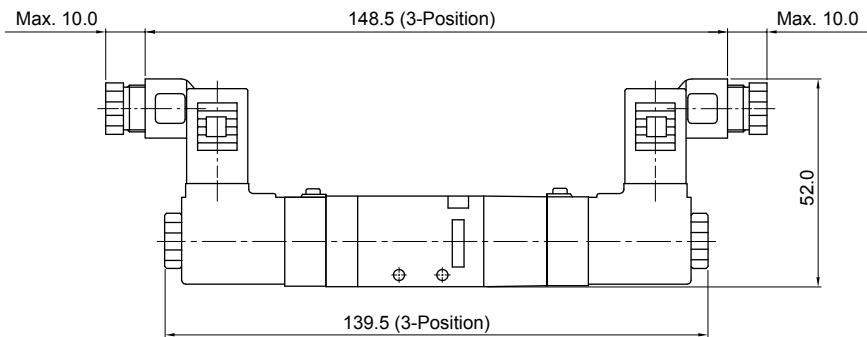
KVZ3120-D(DZ)



KVZ3220-D(DZ)



KVZ33(4, 5)20-D(DZ)



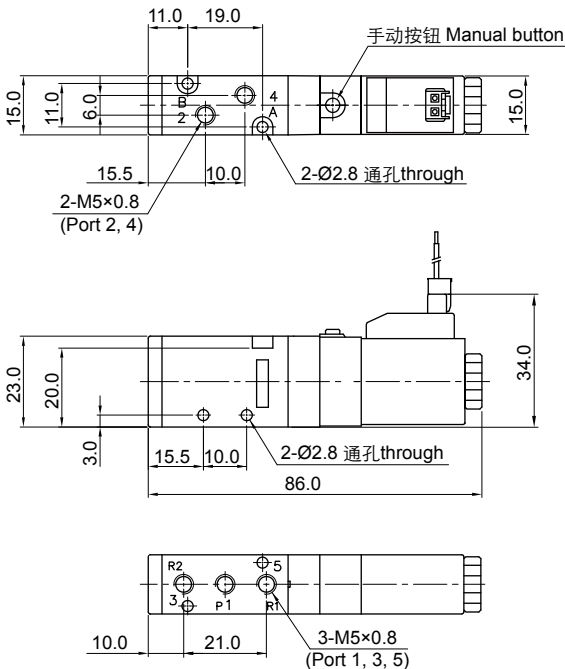
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

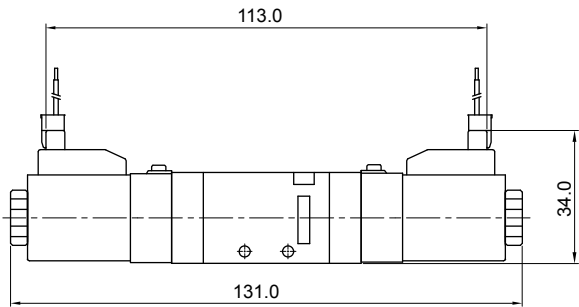
Series KVZ3000

外形尺寸图 Dimensions (mm)

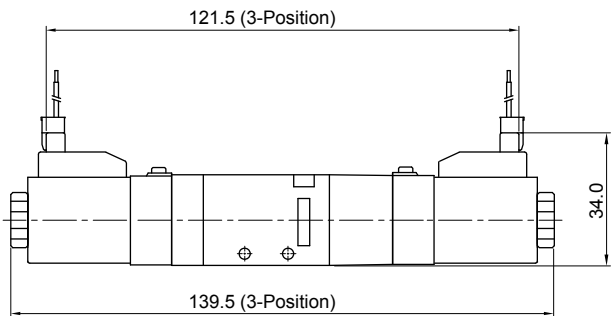
KVZ3120-LZ



KVZ3220-LZ



KVZ33(4, 5)20-LZ



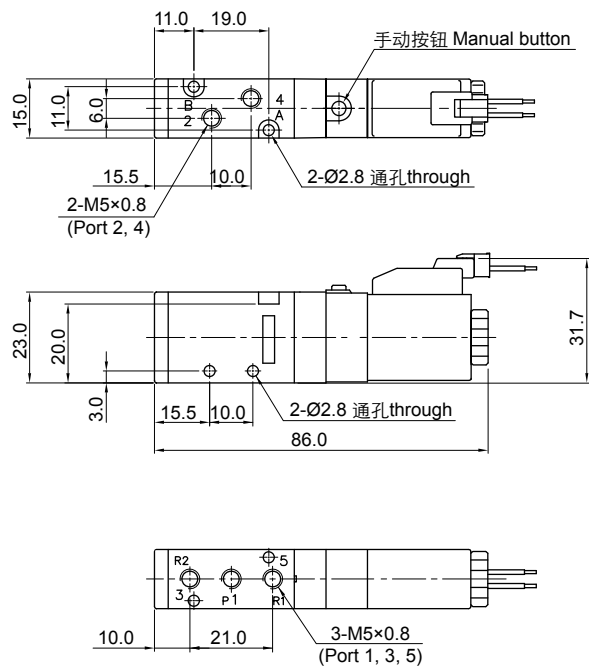
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

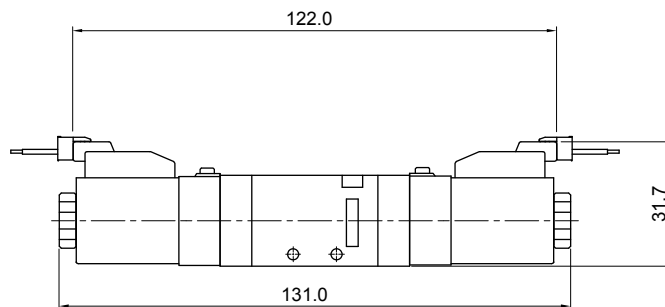
Series KVZ3000

外形尺寸图 Dimensions (mm)

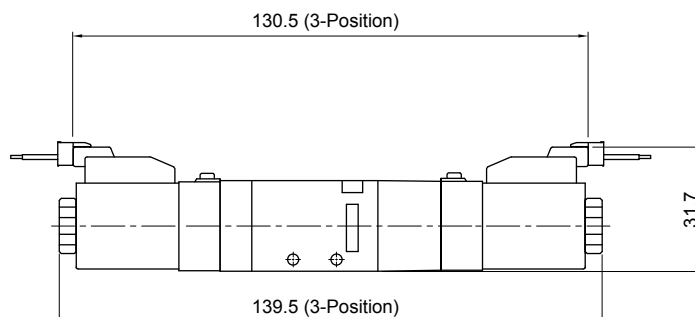
KVZ3120-MZ



KVZ3220-MZ



KVZ33(4, 5)20-MZ



汇流板

Manifold *Series KVZ3000*

规格 Specifications

型号 Model	KVZ3000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/8
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10

型号表示方法 How to Order

KVZ 3000

-

M5

-

B2

适用电磁阀 Applicable solenoid valve
Series KVZ3000

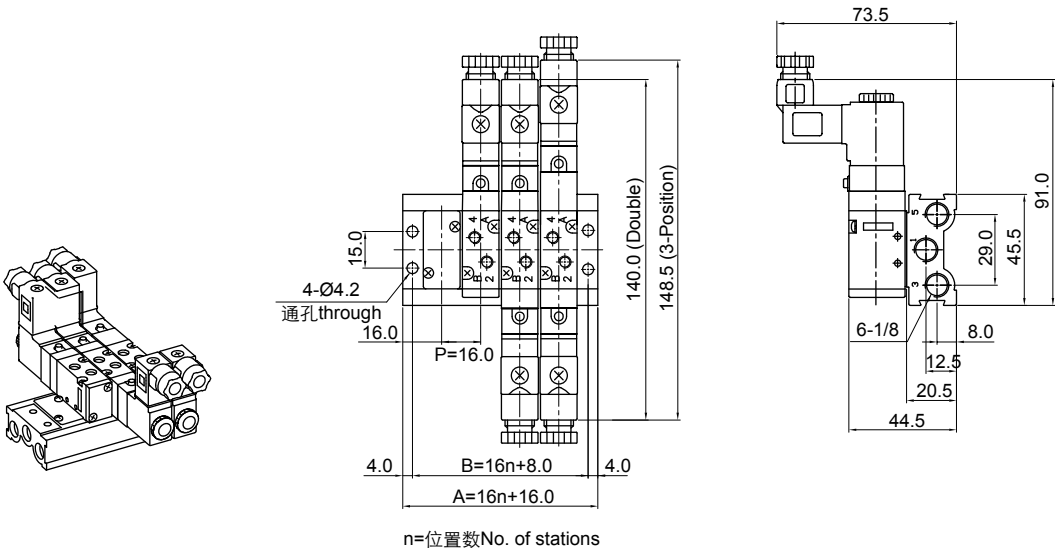
位置数
No. of
stations

盲板数量
No. of
blank plates

M2	2
M3	3
M4	4
...	...

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)

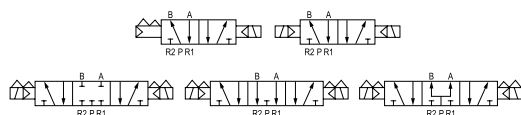


位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	48	64	80	96	112	128	144	160	176
B	40	56	72	88	104	120	136	152	168

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series KVZ5000



KVZ5120-G



KVZ5120-D



KVZ5120-MZ



KVZ5220-DZ

规格 Specifications

型号 Model	KVZ5120	KVZ5220	KVZ5320	KVZ5420	KVZ5520
	KVZ5120LT	KVZ5220LT	KVZ5320LT	KVZ5420LT	KVZ5520LT
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	12.6		9.0		
环境及流体温度 Ambient and fluid temperature	标准 Standard: 5~60℃ 耐低温型 Low temperature resistant: -15~60℃				
响应时间 Response time (0.5 MPa)	≤ 25 ms		≤ 35 ms		
最大工作频率 Maximum working frequency	5 c/sec		3 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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				
功率消耗 Power consumption	AC	持续 Holding 3.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVZ 5 **1** 20 **LT** - **4** **D** **B** - **01**

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

类型 Type

-	标准 Standard
LT	耐低温型 Low temperature resistant

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径
Port size

01	Rc(PT)1/8
----	-----------

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
GZ	直接出线带指示灯 Grommet with flying leads & LED
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED
LZ	垂直插座带指示灯 90° connector with LED
MZ	平行插座带指示灯 180° connector with LED

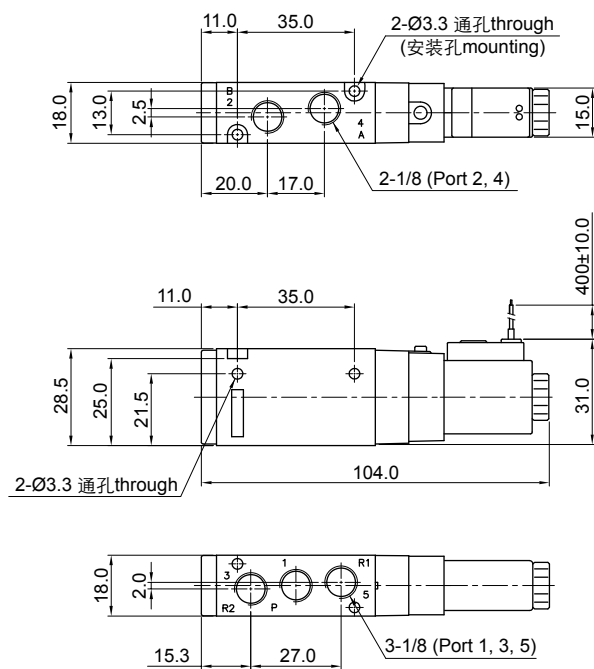
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

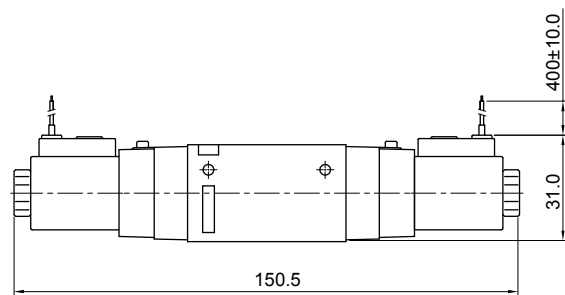
Series *KVZ5000*

外形尺寸图 Dimensions (mm)

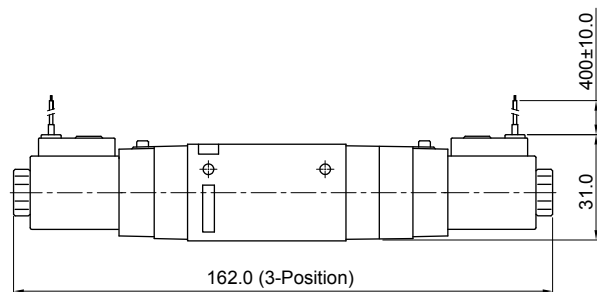
KVZ5120(LT)-GZ



KVZ5220(LT)-GZ



KVZ53(4, 5)20(LT)-GZ



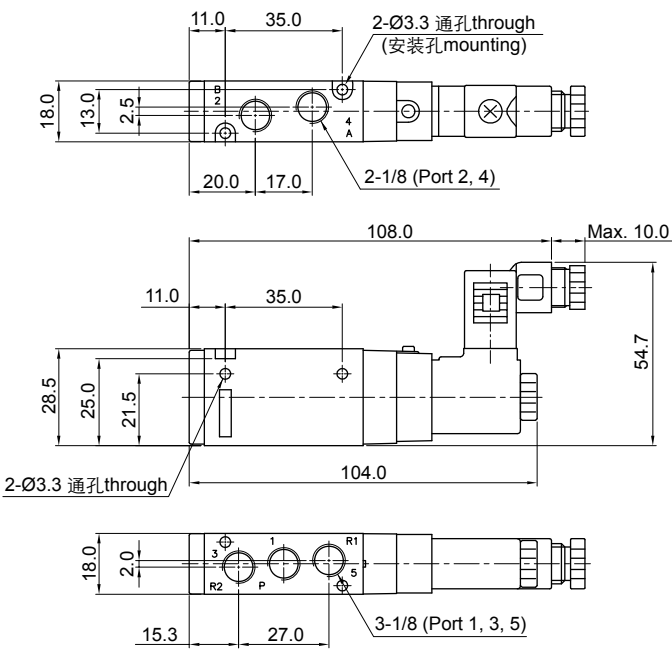
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

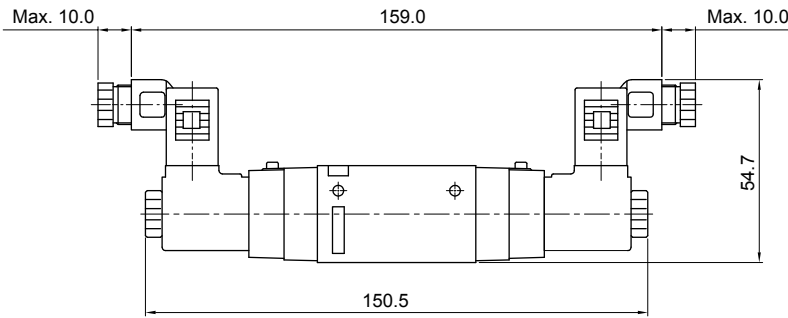
Series KVZ5000

外形尺寸图 Dimensions (mm)

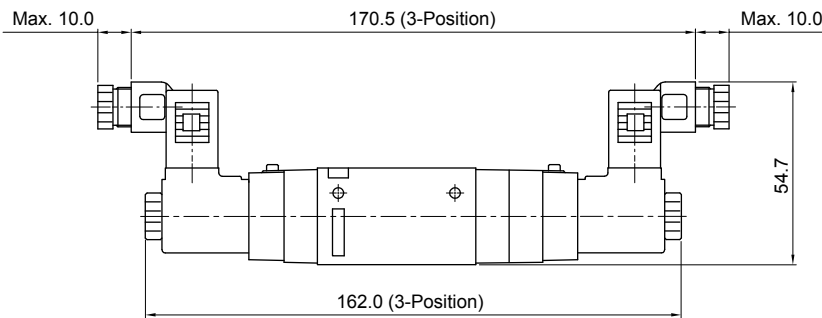
KVZ5120(LT)-D(DZ)



KVZ5220(LT)-D(DZ)



KVZ53(4, 5)20(LT)-D(DZ)



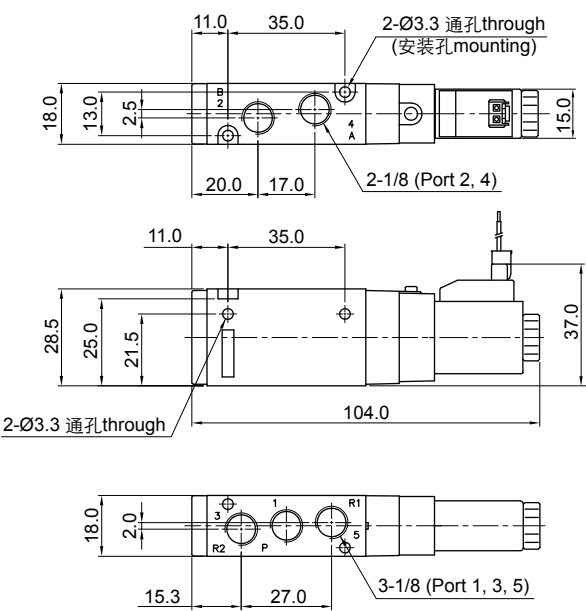
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

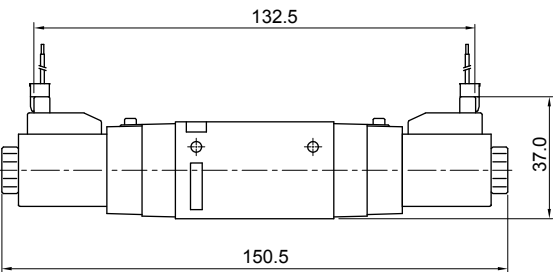
Series *KVZ5000*

外形尺寸图 Dimensions (mm)

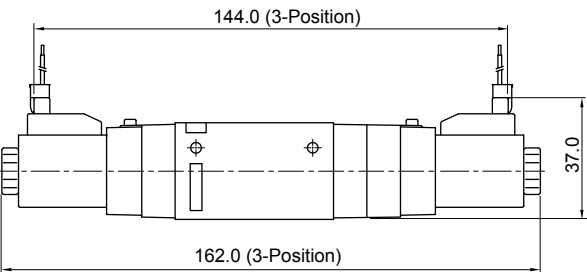
KVZ5120(LT)-LZ



KVZ5220(LT)-LZ



KVZ53(4, 5)20(LT)-LZ



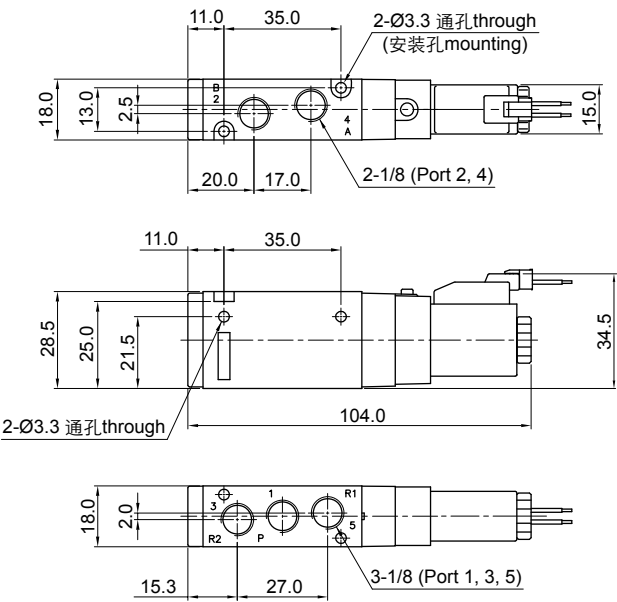
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

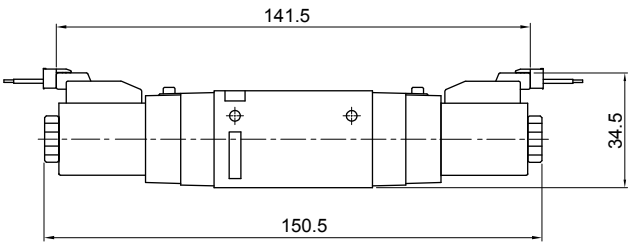
Series KVZ5000

外形尺寸图 Dimensions (mm)

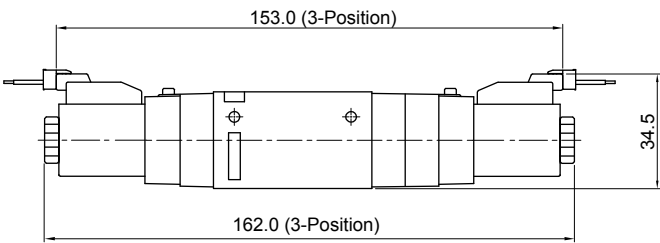
KVZ5120(LT)-MZ



KVZ5220(LT)-MZ



KVZ53(4, 5)20(LT)-MZ



汇流板

Manifold *Series KVZ5000*

规格 Specifications

型号 Model	KVZ5000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10



型号表示方法 How to Order

KVZ 5000 - M5 - B2

适用电磁阀 Applicable solenoid valve
Series KVZ5000

位置数
No. of
stations

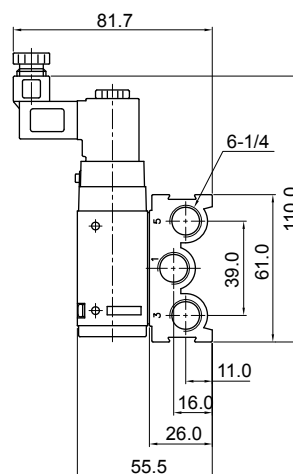
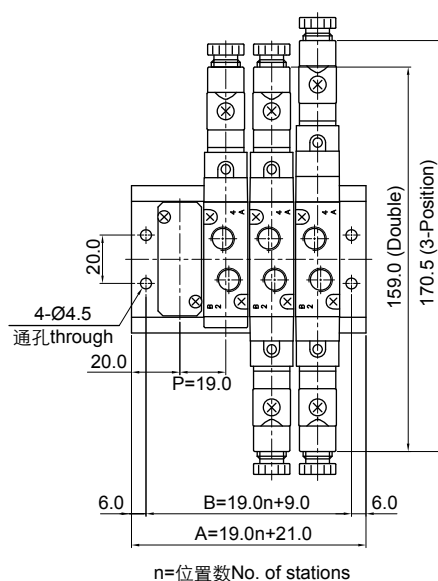
M2	2
M3	3
M4	4
...	...

盲板数量
No. of
blank plates

-	无 None
B1	1
B2	2
B3	3
...	...

2

外形尺寸图 Dimensions (mm)

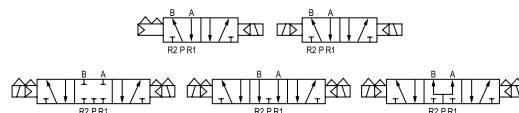


位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	59	78	97	116	135	154	173	192	211
B	47	66	85	104	123	142	161	180	199

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series KVF3000



规格 Specifications



KVF3130-G



KVF3130-D



KVF3230-DZ

型号 Model	KVF3130	KVF3230	KVF3330	KVF3430	KVF3530
	KVF3130LT	KVF3230LT	KVF3330LT	KVF3430LT	KVF3530LT
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/4				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	19.0		11.5		
环境及流体温度 Ambient and fluid temperature	标准 Standard: 5~60℃ 耐低温型 Low temperature resistant: -15~60℃				
响应时间 Response time (0.5 MPa)	≤ 25 ms		≤ 35 ms		
最大工作频率 Maximum working frequency	5 c/sec		3 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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 或同等等级 Class F or equivalent				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVF 3 1 3 0 LT - 4 D B - 02 -

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

类型 Type

-	标准 Standard
LT	耐低温型 Low temperature resistant

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

02	Rc(PT)1/4
----	-----------

防爆 Explosion proof

-	无 None
E	等级 EExmIIT5 Grade EExmIIT5

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

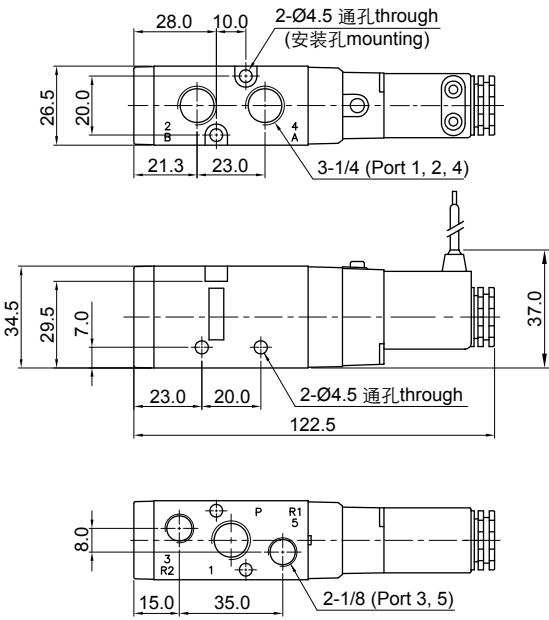
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

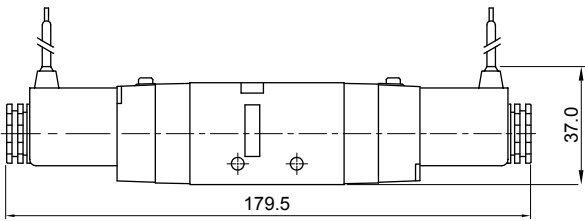
Series *KVF3000*

外形尺寸图 Dimensions (mm)

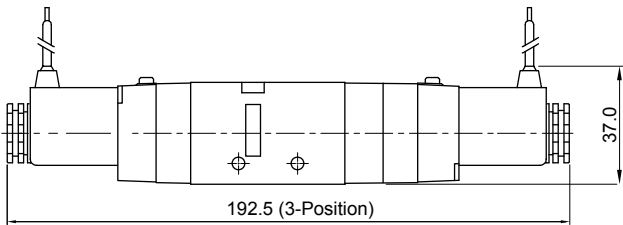
KVF3130(LT)-G



KVF3230(LT)-G



KVF33(4, 5)30(LT)-G



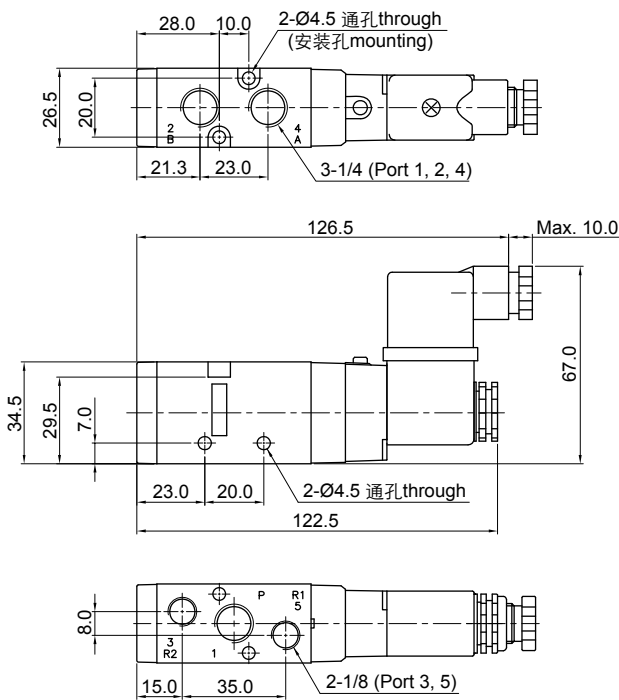
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

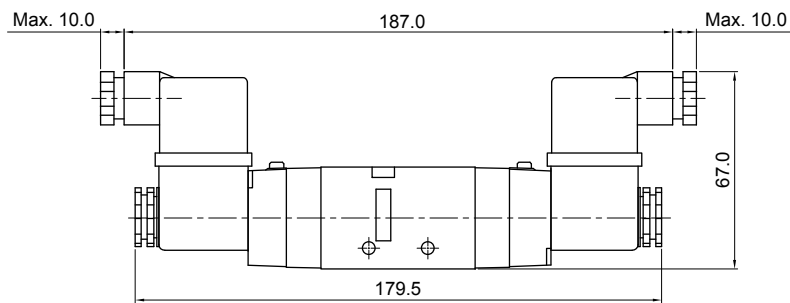
Series *KVF3000*

外形尺寸图 Dimensions (mm)

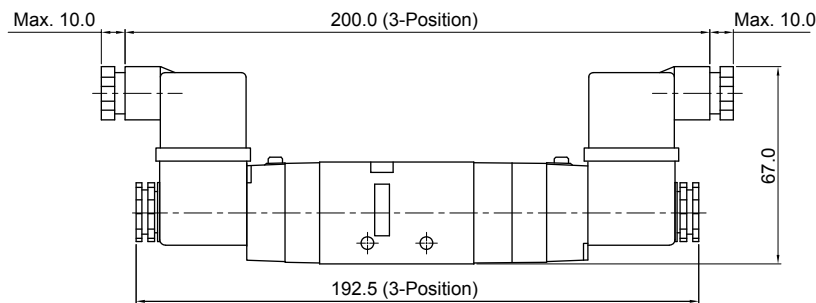
KVF3130(LT)-D(DZ)



KVF3230(LT)-D(DZ)



KVF33(4, 5)30(LT)-D(DZ)



汇流板

Manifold *Series KVF3000*

规格 Specifications

型号表示方法 How to Order



适用电磁阀 Applicable solenoid valve
Series KVF3000

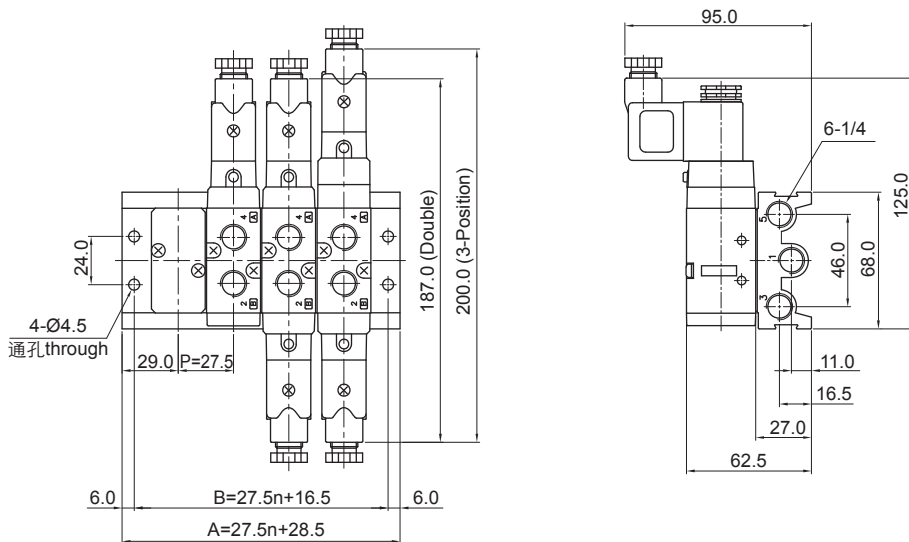
位置数
No. of
stations

盲板数量
No. of
blank plates

M2	2
M3	3
M4	4
...	...

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)

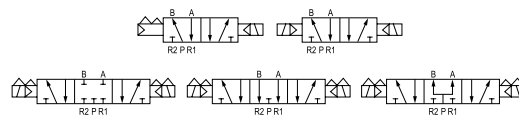


位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	83.5	111	138.5	166	193.5	221	248.5	276	303.5
B	71.5	99	126.5	154	181.5	209	236.5	264	291.5

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series KVF5000



规格 Specifications



KVF5120-G



KVF5120-D



KVF5220-DZ

型号 Model	KVF5120	KVF5220	KVF5320	KVF5420	KVF5520
	KVF5120LT	KVF5220LT	KVF5320LT	KVF5420LT	KVF5520LT
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	36.0		30.0		
环境及流体温度 Ambient and fluid temperature	标准 Standard: 5~60℃ 耐低温型 Low temperature resistant: -15~60℃				
响应时间 Response time (0.5 MPa)	≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency	5 c/sec		3 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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 或同等等级 Class F or equivalent				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVF 5 1 20 LT - 4 D B - 03 -

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

类型 Type

-	标准 Standard
LT	耐低温型 Low temperature resistant

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

03	Rc(PT)3/8
----	-----------

防爆 Explosion proof

-	无 None
E	等级 EExmIIT5 Grade EExmIIT5

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

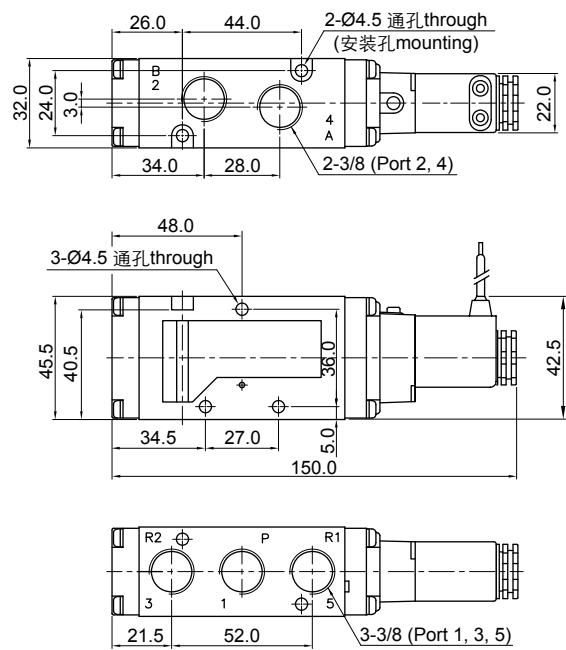
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

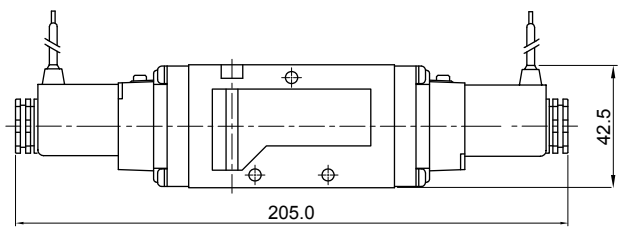
Series *KVF5000*

外形尺寸图 Dimensions (mm)

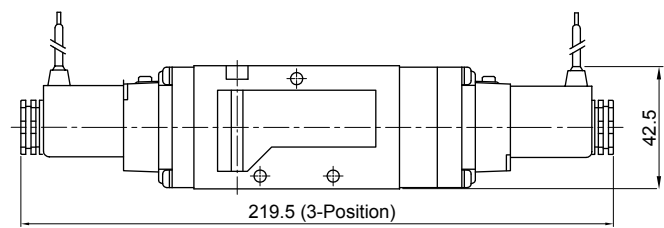
KVF5120(LT)-G



KVF5220(LT)-G



KVF53(4, 5)20(LT)-G



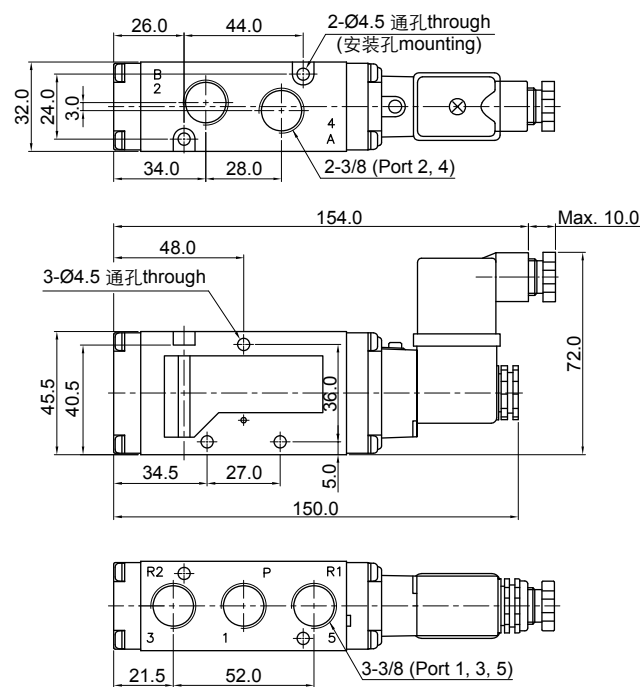
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

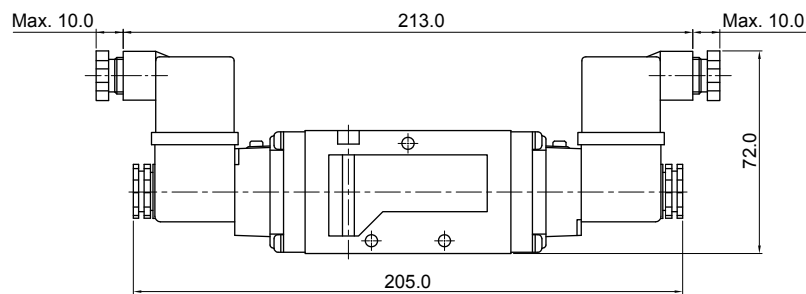
Series *KVF5000*

外形尺寸图 Dimensions (mm)

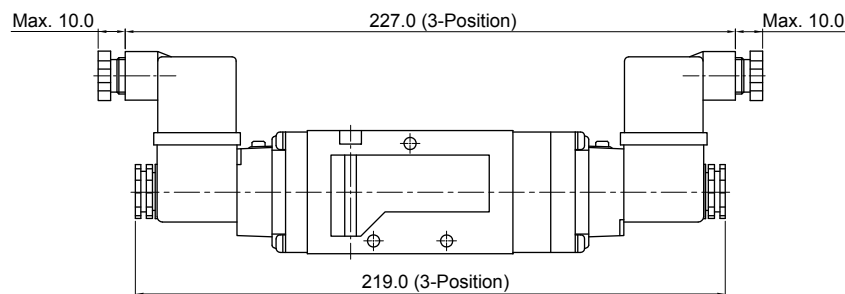
KVF5120(LT)-D(DZ)



KVF5220(LT)-D(DZ)



KVF53(4, 5)20(LT)-D(DZ)



汇流板

Manifold *Series KVF5000*

规格 Specifications

型号 Model	KVF5000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)3/8
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10



型号表示方法 How to Order

KVF 5000

-

M5

-

B2

适用电磁阀 Applicable solenoid valve
Series KVF5000

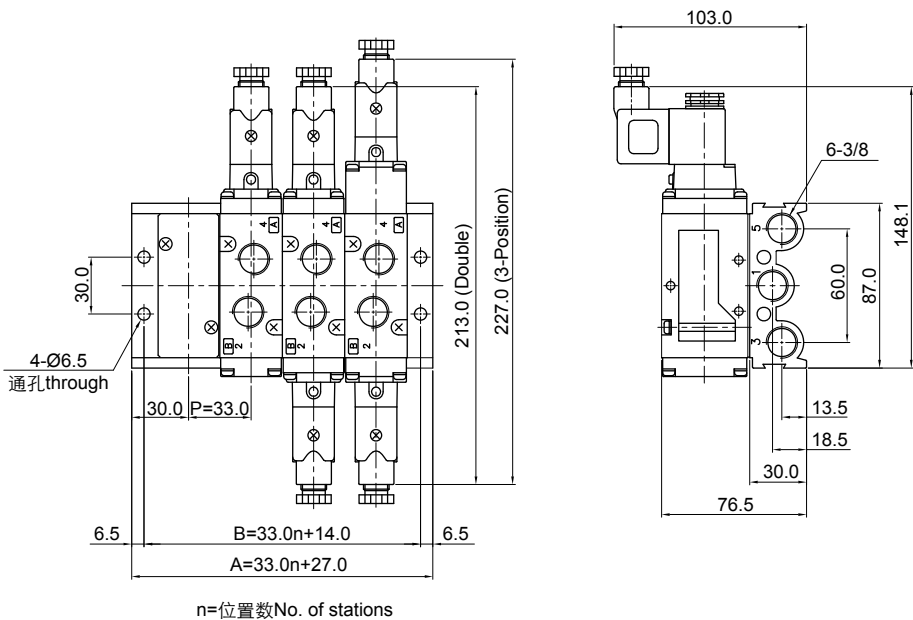
位置数
No. of
stations

盲板数量
No. of
blank plates

M2	2
M3	3
M4	4
...	...

-	无 None
B1	1
B2	2
B3	3
...	...

外形尺寸图 Dimensions (mm)

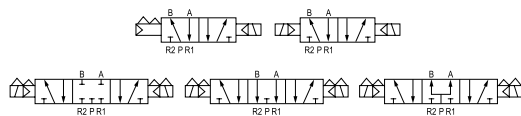


位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	93	126	159	192	225	258	291	324	357
B	80	113	146	179	212	245	278	311	344

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series KVF6000



规格 Specifications



KVF6120-G



KVF6120-D



KVF6220-DZ

型号 Model	KVF6120	KVF6220	KVF6320	KVF6420	KVF6520
	KVF6120LT	KVF6220LT	KVF6320LT	KVF6420LT	KVF6520LT
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/2				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	65.0		50.0		
环境及流体温度 Ambient and fluid temperature	标准 Standard: 5~60℃ 耐低温型 Low temperature resistant: -15~60℃				
响应时间 Response time (0.5 MPa)	≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency	2 c/sec		1 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVF 6 1 2 0 LT - 4 D B - 04 -

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

类型 Type

-	标准 Standard
LT	耐低温型 Low temperature resistant

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

04	Rc(PT)1/2
----	-----------

防爆 Explosion proof

-	无 None
E	等级 EExmIIT5 Grade EExmIIT5

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

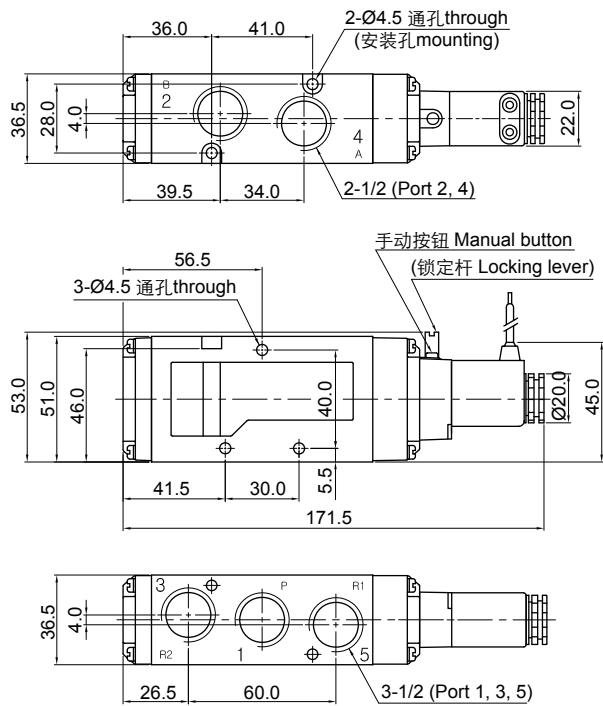
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

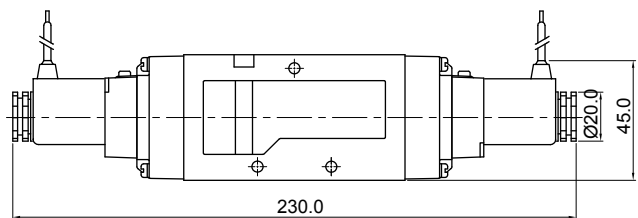
Series *KVF6000*

外形尺寸图 Dimensions (mm)

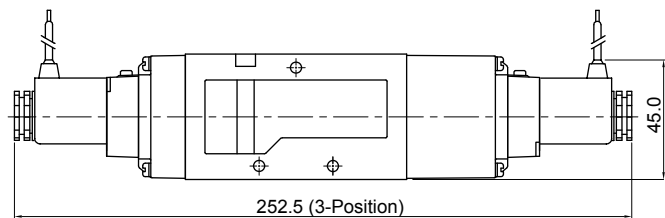
KVF6120(LT)-G



KVF6220(LT)-G



KVF63(4, 5)20(LT)-G



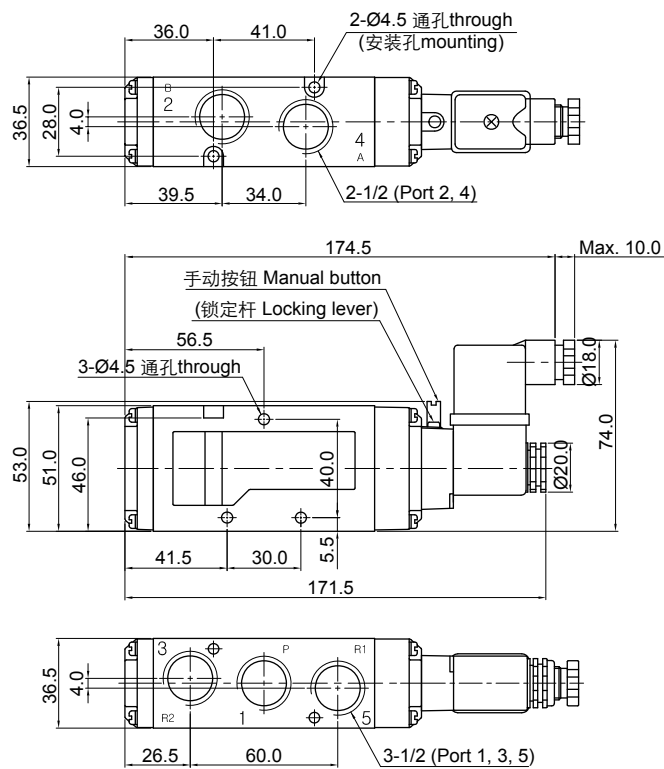
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

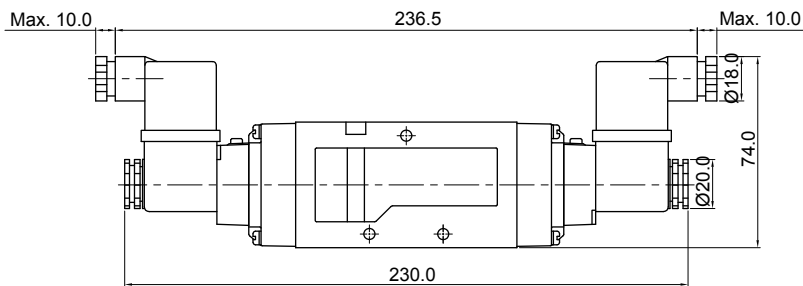
Series *KVF6000*

外形尺寸图 Dimensions (mm)

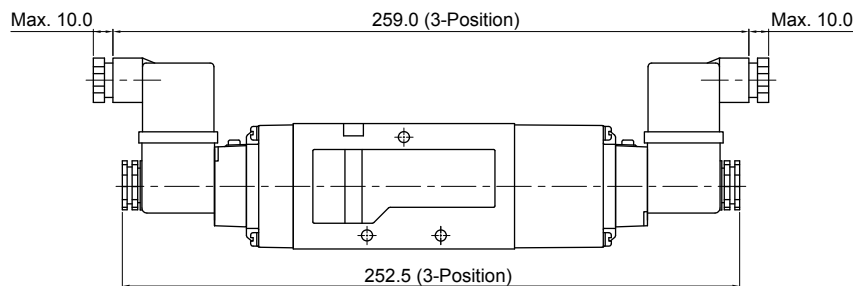
KVF6120(LT)-D(DZ)



KVF6220(LT)-D(DZ)



KVF63(4, 5)20(LT)-D(DZ)



汇流板

Manifold *Series KVF6000*

规格 Specifications

型号 Model	KVF6000
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/2
使用压力范围 Operating pressure range	0.15~1.0 MPa
位置数 No. of stations	2~10

型号表示方法 How to Order

KVF 6000

-

M5

-

B2

适用电磁阀 Applicable solenoid valve

Series KVF6000

位置数

No. of stations

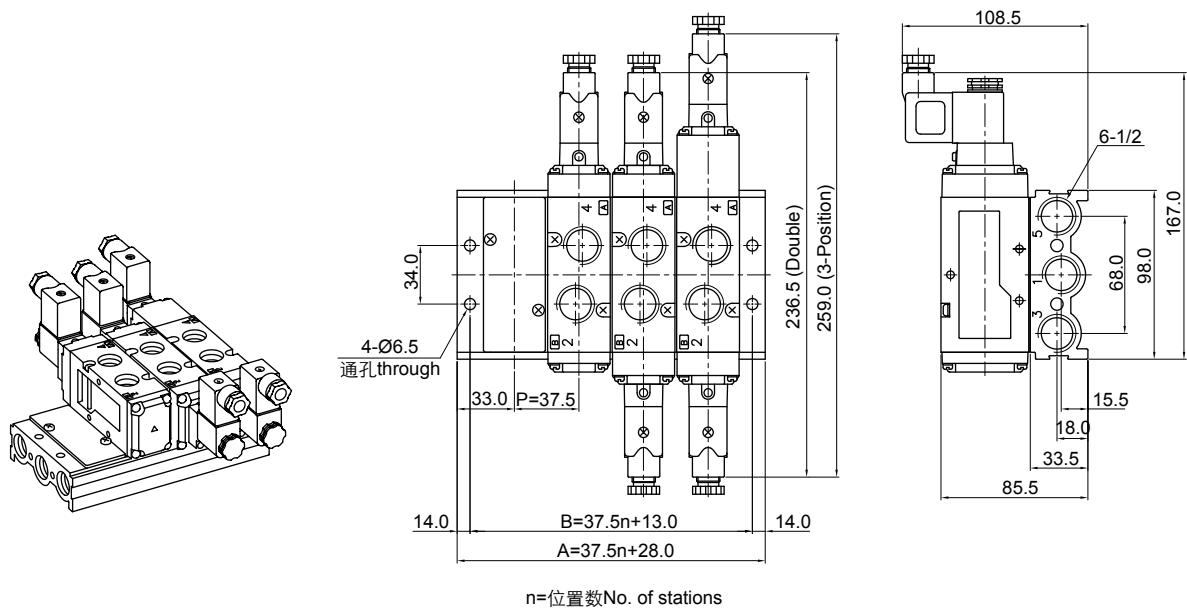
M2	2
M3	3
M4	4
...	...

盲板数量

No. of blank plates

-	无 None
B1	1
B2	2
B3	3
...	...

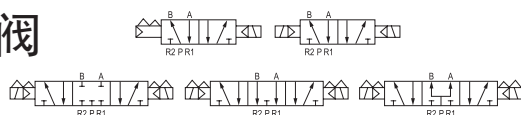
外形尺寸图 Dimensions (mm)



位置数 No. of stations n	2	3	4	5	6	7	8	9	10
A	103	140.5	178	215.5	253	290.5	328	365.5	403
B	88	125.5	163	200.5	238	275.5	313	350.5	388

ISO-1规格5通先导型电磁阀 (底座配管型)

ISO-1 5-Port Pilot Operated Solenoid Valve (Base Ported) **Series KVF6040**



KVF6140-G



KVF6140-D



KVF6240-DZ

规格 Specifications

型号 Model	KVF6140	KVF6240	KVF6340	KVF6440	KVF6540
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/8, Rc(PT)1/2				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	30.0		25.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
响应时间 Response time (0.5 MPa)	≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency	3 c/sec		1 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KVF 6 **1** 40 - **4** **D** **B** - **03**

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

03	Rc(PT)3/8
04	Rc(PT)1/2

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

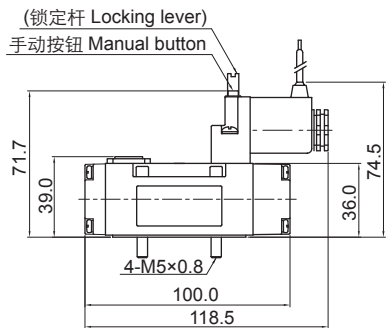
ISO-1规格5通先导型电磁阀 (底座配管型)

ISO-1 5-Port Pilot Operated Solenoid Valve (Base Ported)

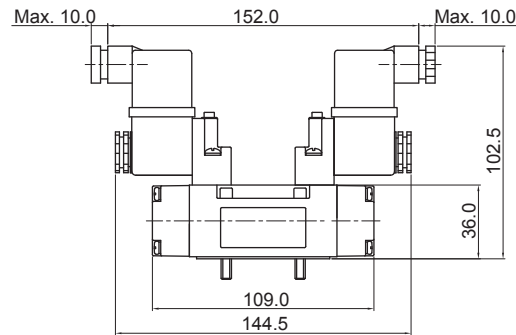
Series *KVF6040*

外形尺寸图 Dimensions (mm)

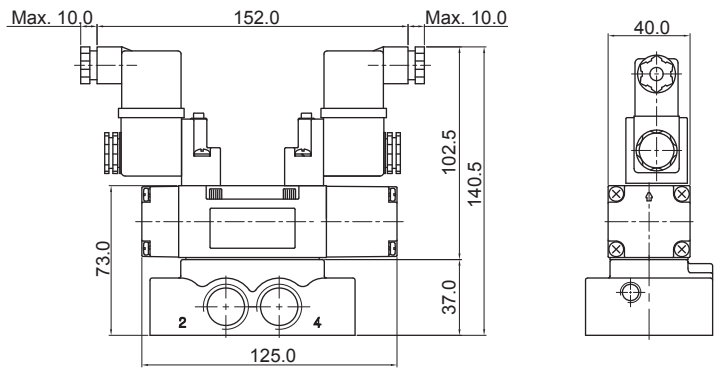
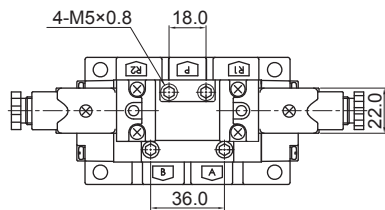
KVF6140-G



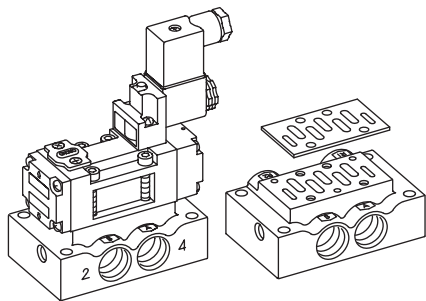
KVF6240-D



KVF63(4, 5)40-D

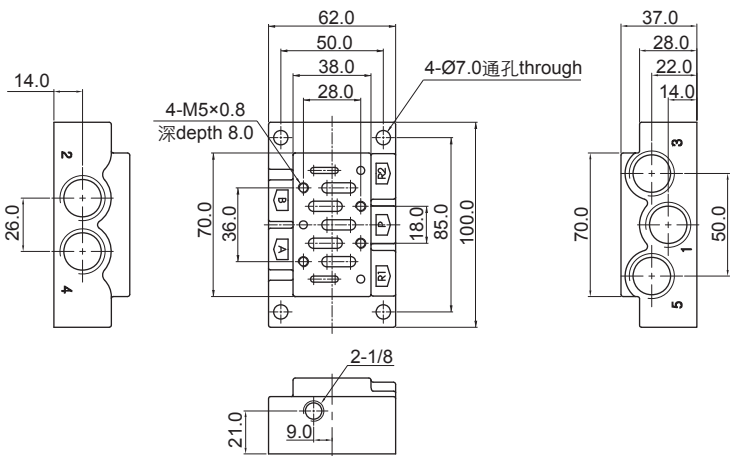


底座 Base



接管口径 Port size

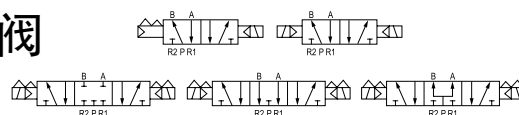
型号 Model	A(4), B(2)	P(1)	R1(5), R2(3)
KVF6040-03	G3/8	G3/8	G3/8
KVF6040-04	G1/2	G1/2	G1/2



ISO-2规格5通先导型电磁阀 (底座配管型)

ISO-2 5-Port Pilot Operated Solenoid Valve (Base Ported)

Series **KVF7040**



KVF7140-G



KVF7140-D



KVF7240-DZ

规格 Specifications

型号 Model		KVF7140	KVF7240	KVF7340	KVF7440	KVF7540
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		Rc(PT)3/8, Rc(PT)1/2, Rc(PT)3/4				
使用压力范围 Operating pressure range (MPa)		0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)		65.0		50.0		
环境及流体温度 Ambient and fluid temperature		5~60℃				
响应时间 Response time (0.5 MPa)		≤ 35 ms		≤ 45 ms		
最大工作频率 Maximum working frequency		3 c/sec		1 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定（标准），旋转锁定（可选） Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage		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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)				
	DC	2.5 W				

* 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

KVF 7 **1** 40 - **4** **D** **B** - **06**

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

03	Rc(PT)3/8
04	Rc(PT)1/2
06	Rc(PT)3/4

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

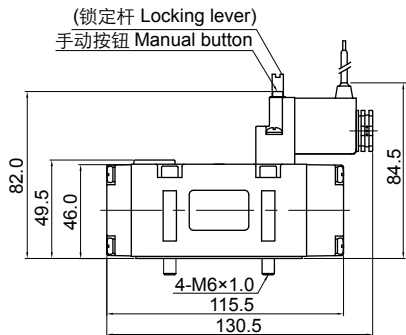
ISO-2规格5通先导型电磁阀 (底座配管型)

ISO-2 5-Port Pilot Operated Solenoid Valve (Base Ported)

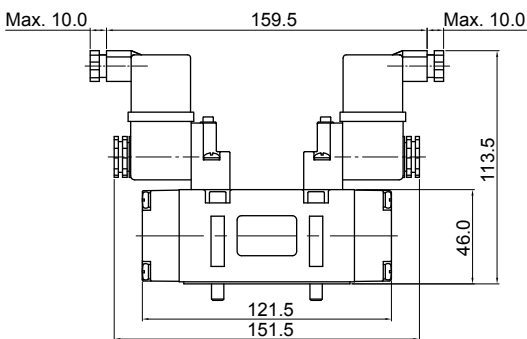
Series *KVF7040*

外形尺寸图 Dimensions (mm)

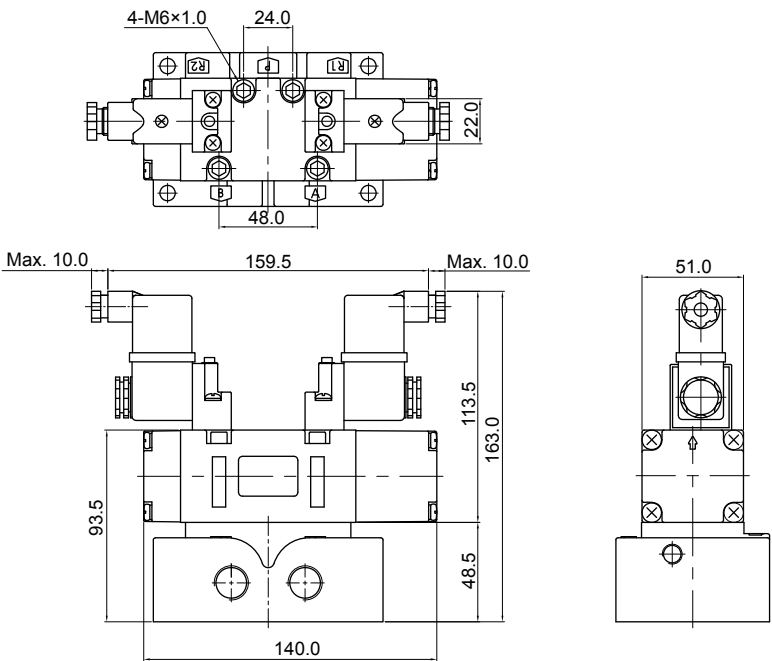
KVF7140-G



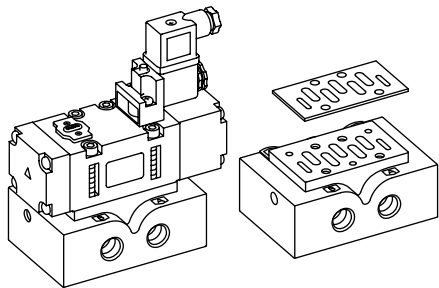
KVF7240-D



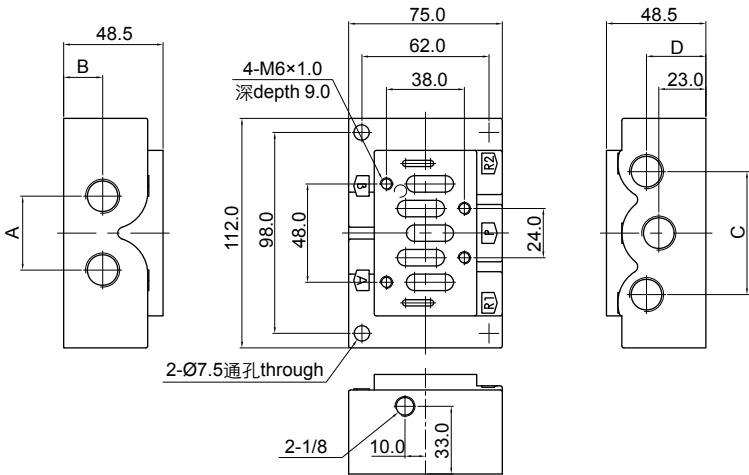
KVF73(4, 5)40-D



底座 Base

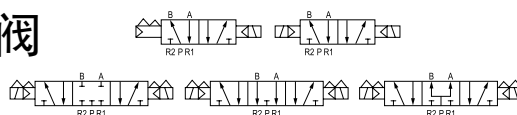


型号 Model	A	B	C	D
KVF7040-03	36	19	60	29
KVF7040-04	31	23	63.2	32
KVF7040-06	36	23	67.2	26.3



ISO-3规格5通先导型电磁阀 (底座配管型)

ISO-3 5-Port Pilot Operated Solenoid Valve (Base Ported) Series **KVF8040**



KVF8140-D



KVF8240-D

规格 Specifications

型号 Model		KVF8140	KVF8240	KVF8340	KVF8440	KVF8540
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		Rc(PT)3/4, Rc(PT)1				
使用压力范围 Operating pressure range (MPa)		0.2~1.0		0.25~1.0		
有效截面积 Effective sectional area (mm²)		90.0		70.0		
环境及流体温度 Ambient and fluid temperature		5~60℃				
响应时间 Response time (0.5 MPa)		≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency		3 c/sec		1 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定（标准），旋转锁定（可选） Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage		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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)				
	DC	2.5 W				

* 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

KVF 8 **1** 40 - **4** **D** **B** - **06**

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压 Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径 Port size

06	Rc(PT)3/4
10	Rc(PT)1

手动方式 Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式 Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

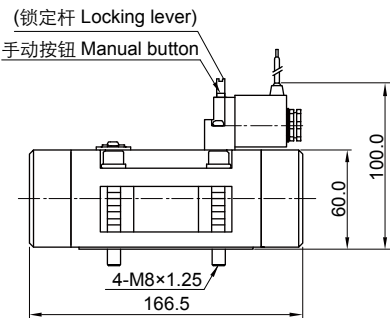
ISO-3规格5通先导型电磁阀 (底座配管型)

ISO-3 5-Port Pilot Operated Solenoid Valve (Base Ported)

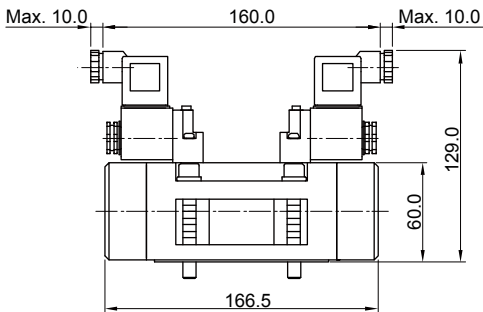
Series **KVF8040**

外形尺寸图 Dimensions (mm)

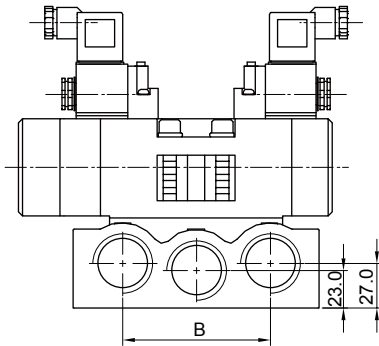
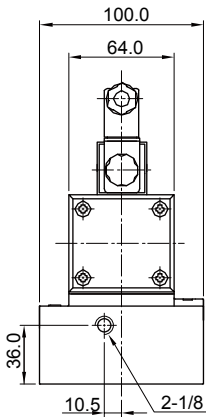
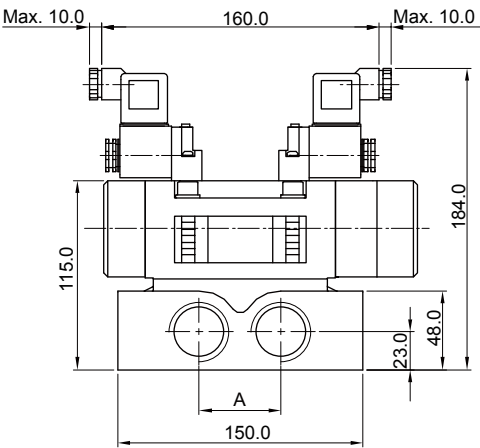
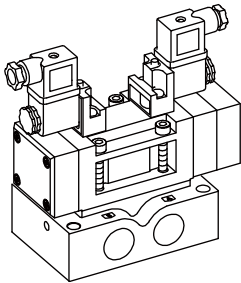
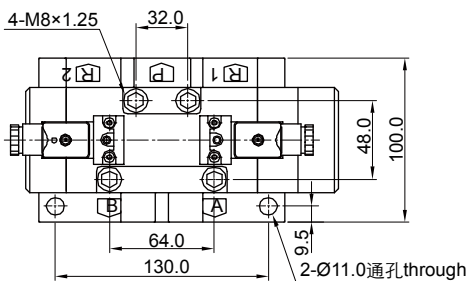
KVF8140-G



KVF8240-D

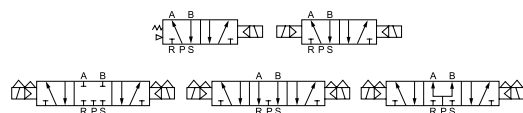


KVF83(4, 5)40-D



型号 Model	A	B
KVF8040-06	42.5	84
KVF8040-10	50	90

5通先导型电磁阀 5-Port Pilot Operated Solenoid Valve Series 4V100



规格 Specifications



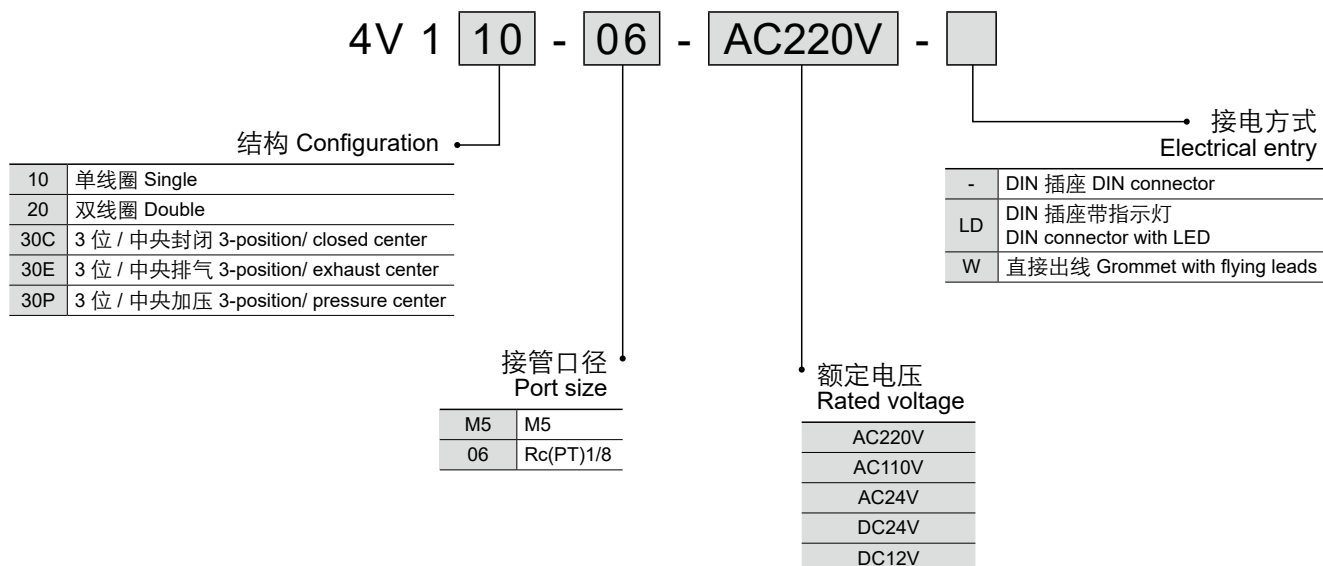
4V110-06

型号 Model	4V110-M5 4V120-M5	4V130C-M5 4V130E-M5 4V130P-M5	4V110-06 4V120-06	4V130C-06 4V130E-06 4V130P-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)	7.0 (Cv=0.40)	12.0 (Cv=0.67)	9.0 (Cv=0.50)
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°C			
响应时间 Response time (0.5 MPa)	≤ 50 ms			
*1) 最大工作频率 Maximum working frequency	5 c/sec	3 c/sec	5 c/sec	3 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



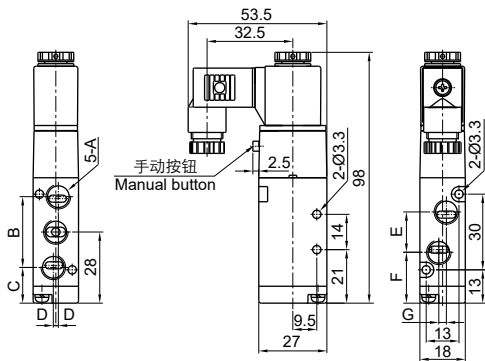
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

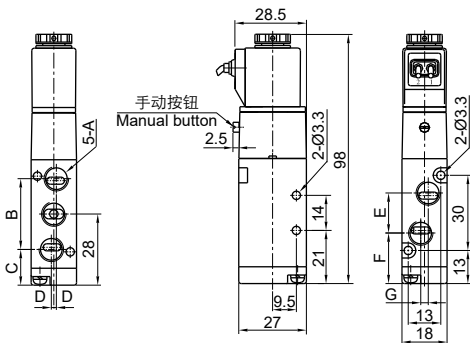
Series 4V100

外形尺寸图 Dimensions (mm)

4V110-(LD)

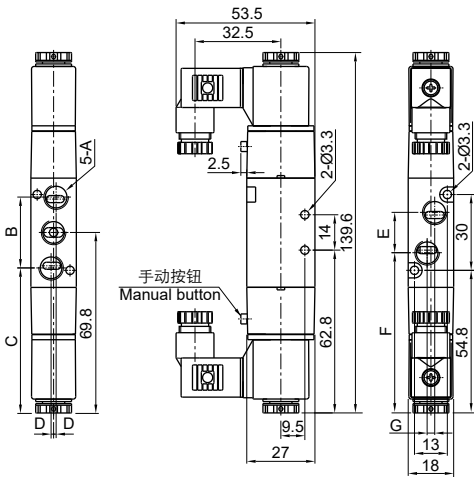


4V110-W

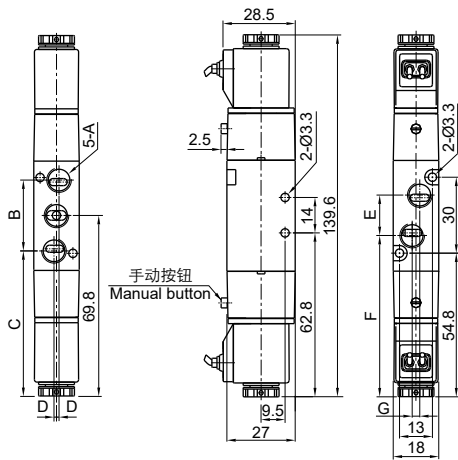


型号 Model	4V110-M5	4V110-06
A	M5x0.8	Rc(PT)1/8
B	27	28
C	14.5	14
D	0	1
E	14	16
F	21	20
G	0	3

4V120-(LD)

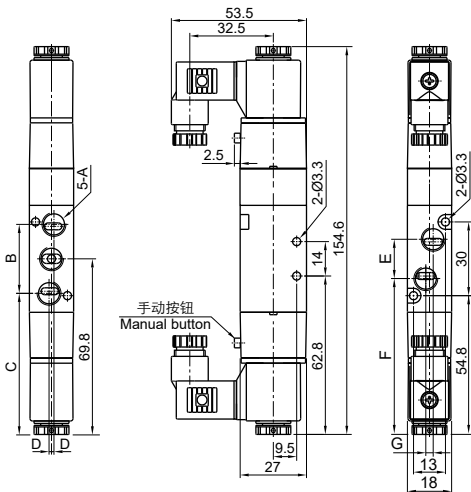


4V120-W

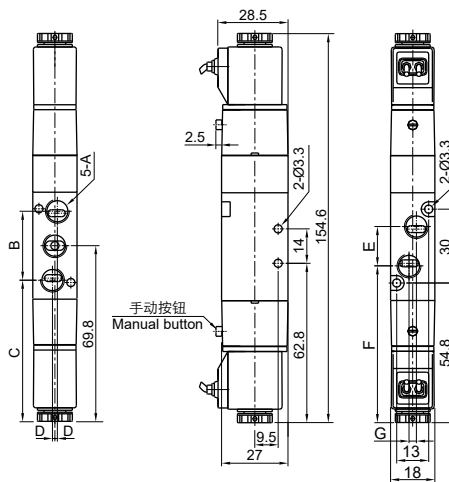


型号 Model	4V120-M5	4V120-06
A	M5x0.8	Rc(PT)1/8
B	27	28
C	56.3	56
D	0	1
E	14	16
F	62.8	62
G	0	3

4V130-(LD)

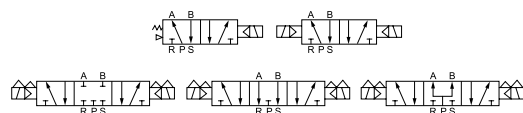


4V130-W



型号 Model	4V130-M5	4V130-06
A	M5x0.8	Rc(PT)1/8
B	27	28
C	56.3	56
D	0	1
E	14	16
F	62.8	62
G	0	3

5通先导型电磁阀 5-Port Pilot Operated Solenoid Valve Series 4V200



规格 Specifications



4V210-08

型号 Model	4V210-06 4V220-06	4V230C-06 4V230E-06 4V230P-06	4V210-08 4V220-08	4V230C-08 4V230E-08 4V230P-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		进气 = 出气 Inlet=Outlet: 1/4 排气 Exhaust: 1/8	
有效截面积 Effective sectional area (mm ²)	14.0 (Cv=0.78)	12.0 (Cv=0.67)	16.0 (Cv=0.89)	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°C			
响应时间 Response time (0.5 MPa)	≤ 50 ms			
*1) 最大工作频率 Maximum working frequency	5 c/sec	3 c/sec	5 c/sec	3 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

4V 2 10 - 08 - AC220V -

结构 Configuration

10	单线圈 Single
20	双线圈 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

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

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

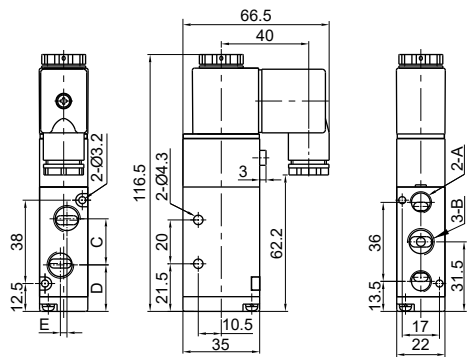
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

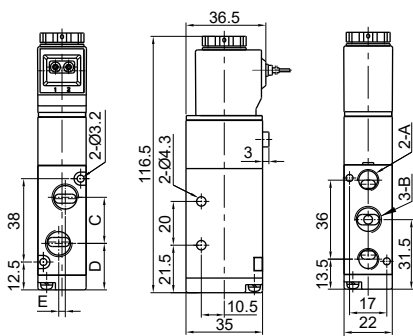
Series 4V200

外形尺寸图 Dimensions (mm)

4V210-(LD)

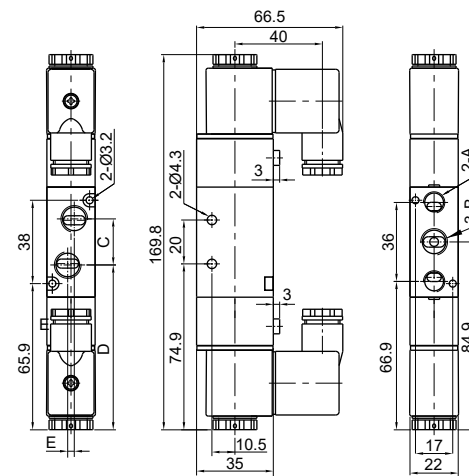


4V210-W

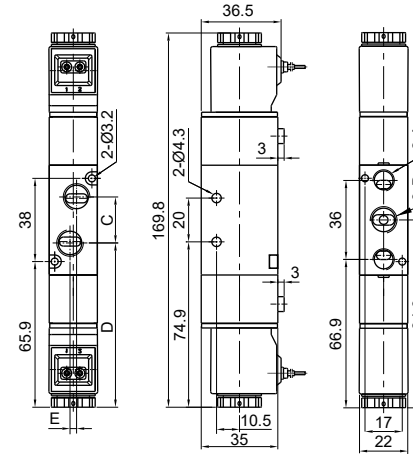


型号 Model	4V210-06	4V210-08
A	Rc(PT)1/8	Rc(PT)1/8
B	Rc(PT)1/8	Rc(PT)1/4
C	18	21
D	22.5	21
E	0	3

4V220-(LD)

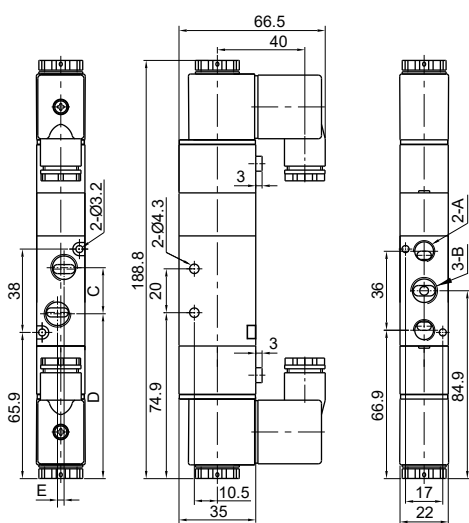


4V220-W

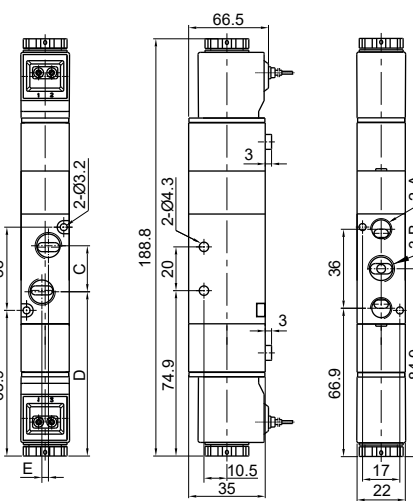


型号 Model	4V220-06	4V220-08
A	Rc(PT)1/8	Rc(PT)1/8
B	Rc(PT)1/8	Rc(PT)1/4
C	18	21
D	75.9	74.4
E	0	3

4V230-(LD)

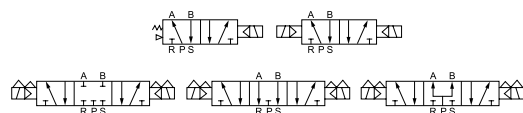


4V230-W



型号 Model	4V230-06	4V230-08
A	Rc(PT)1/8	Rc(PT)1/8
B	Rc(PT)1/8	Rc(PT)1/4
C	18	21
D	75.9	74.4
E	0	3

5通先导型电磁阀 5-Port Pilot Operated Solenoid Valve Series 4V300



规格 Specifications



4V310-10-DC24V

型号 Model	4V310-08 4V320-08	4V330C-08 4V330E-08 4V330P-08	4V310-10 4V320-10	4V330C-10 4V330E-10 4V330P-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		进气 = 出气 Inlet=Outlet: 3/8 排气 Exhaust: 1/4	
有效截面积 Effective sectional area (mm ²)	25.0 (Cv=1.4)	18.0 (Cv=1.0)	30.0 (Cv=1.68)	18.0 (Cv=1.0)
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°C			
响应时间 Response time (0.5 MPa)	≤ 50 ms			
*1) 最大工作频率 Maximum working frequency	4 c/sec	3 c/sec	4 c/sec	3 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

4V 3 10 - 10 - AC220V -

结构 Configuration

10	单线圈 Single
20	双线圈 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

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

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

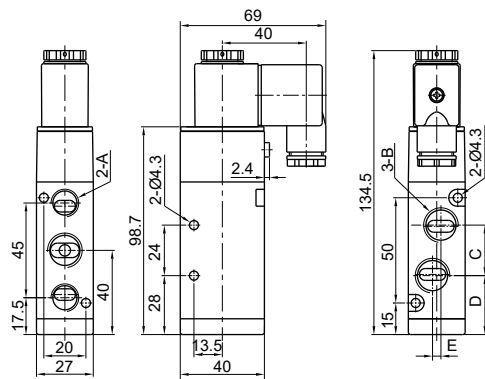
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

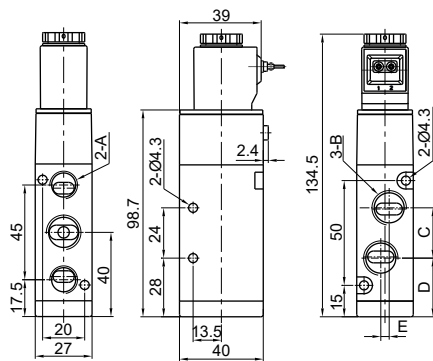
Series 4V300

外形尺寸图 Dimensions (mm)

4V310-(LD)

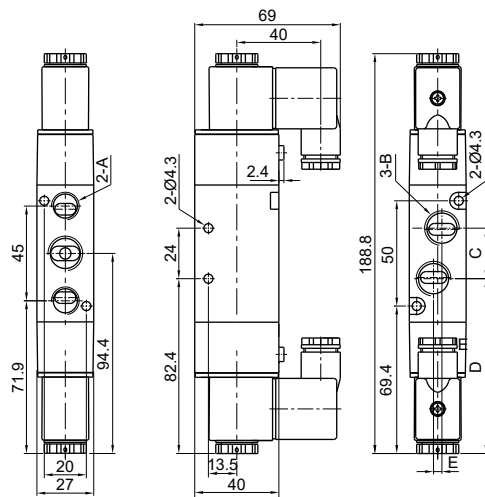


4V310-W

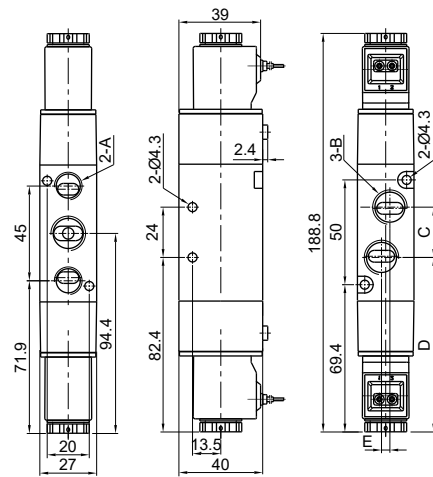


型号 Model	4V310-08	4V310-10
A	Rc(PT)1/4	Rc(PT)1/4
B	Rc(PT)1/4	Rc(PT)3/8
C	22	24
D	29	28
E	0	4

4V320-(LD)

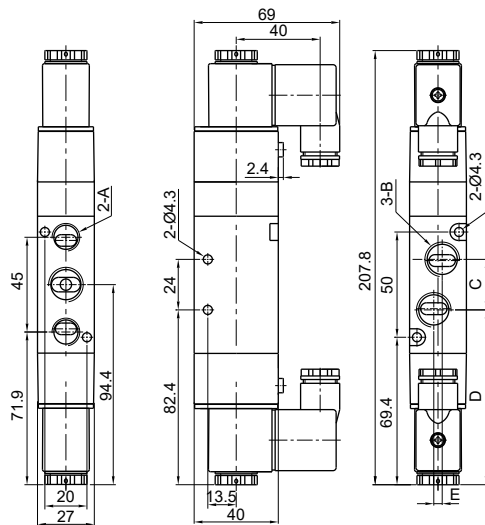


4V320-W

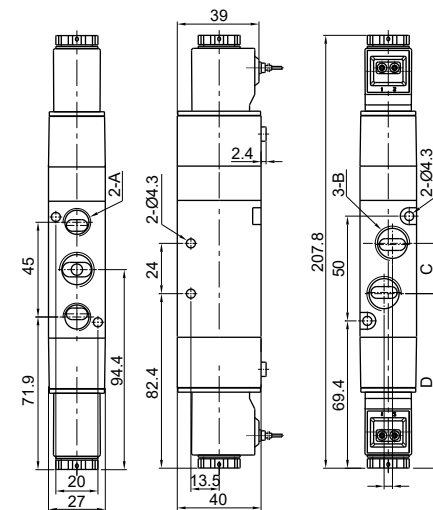


型号 Model	4V320-08	4V320-10
A	Rc(PT)1/4	Rc(PT)1/4
B	Rc(PT)1/4	Rc(PT)3/8
C	22	24
D	83.4	82.4
E	0	4

4V330-(LD)

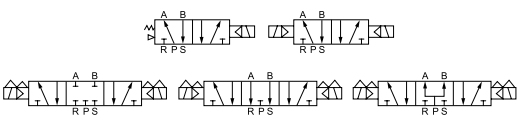


4V330-W



型号 Model	4V330-08	4V330-10
A	Rc(PT)1/4	Rc(PT)1/4
B	Rc(PT)1/4	Rc(PT)3/8
C	22	24
D	83.4	82.4
E	0	4

5通先导型电磁阀
5-Port Pilot Operated
Solenoid Valve
Series 4V400



4V410-15-DC24V

规格 Specifications

型号 Model		4V410-15 4V420-15	4V430C-15 4V430E-15 4V430P-15
使用流体 Fluid		过滤压缩空气 Filtered compressed air	
接管口径 Port size Rc(PT)		1/2	
有效截面积 Effective sectional area (mm²)		50.0 (Cv=2.79)	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		3 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

4V 4

10

-

15

-

AC220V

-

结构 Configuration

10 单线圈 Single

20 双线圈 Double

30C 3 位 / 中央封闭 3-position/ closed center

30E 3 位 / 中央排气 3-position/ exhaust center

30P 3 位 / 中央加压 3-position/ pressure center

接管口径 Port size

15 Rc(PT)1/2

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

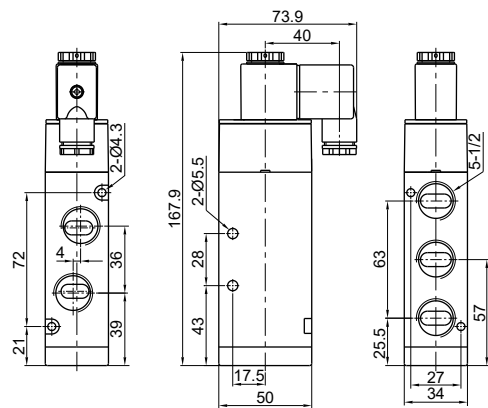
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

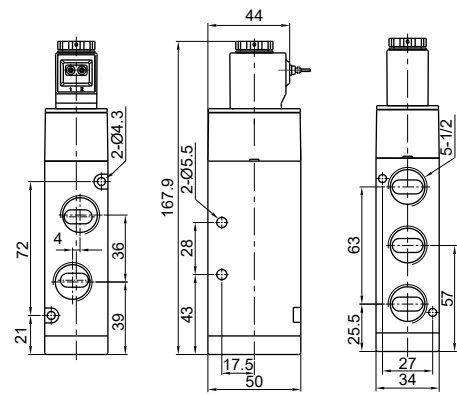
Series 4V400

外形尺寸图 Dimensions (mm)

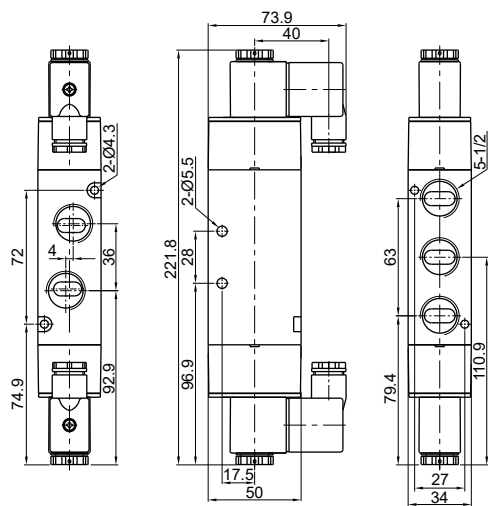
4V410-(LD)



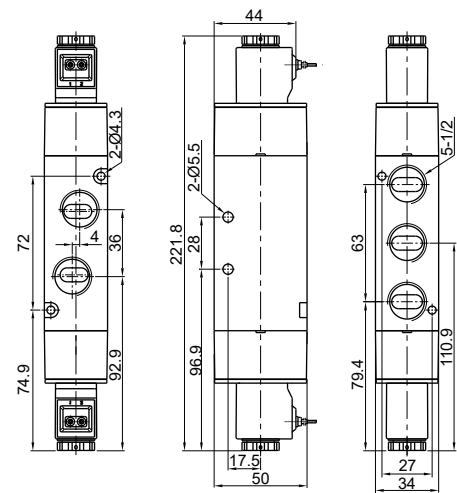
4V410-W



4V420-(LD)
4V430-(LD)



4V420-W
4V430-W



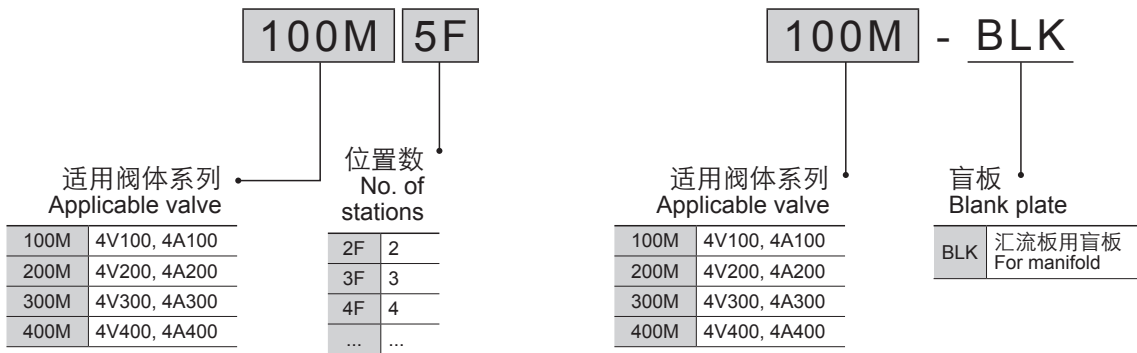
汇流板

Manifold

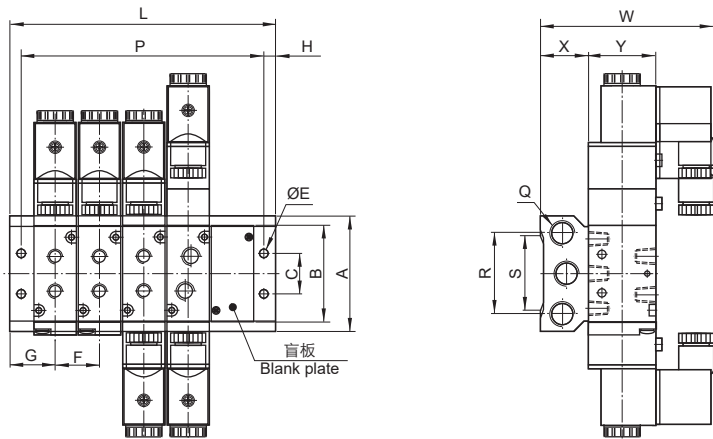
规格 Specifications

型号 Model	100M	200M	300M	400M
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	1~12	1~8
适用阀系列	4V100, 4A100	4V200, 4A200	4V300, 4A300	4V400, 4A400

型号表示方法 How to Order

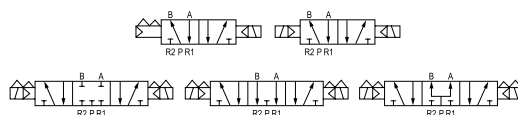


外形尺寸图 Dimensions (mm)



型号 Model	A	B	C	E	F	G	H	L													
								1F	2F	3F	4F	5F	6F	7F	8F	9F	10F	11F	12F	13F	14F
100M	58	43.2	20	4.5	19	19	5	38	57	76	95	114	133	152	171	190	209	228	247	266	285
200M	61	50.7	21	4.5	23	23	6	46	69	92	115	138	161	184	207	230	253	276	299	322	345
300M	75	64.8	26	4.5	28	27	6	54	82	110	138	166	194	222	250	278	306	334	362	-	-
400M	104	94.5	32	5.5	35	31.5	7	63	98	133	168	203	238	273	308	-	-	-	-	-	-

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						
100M	28	47	66	85	104	123	142	161	180	199	218	237	256	275	294	313	1/4	40	30	79	25	27
200M	34	57	80	103	126	149	172	195	218	241	264	287	310	333	356	379	1/4	43	32	93	26	35
300M	42	70	98	126	154	182	210	238	266	294	322	350	-	-	-	-	3/8	53	48	99.5	30	40
400M	49	84	119	154	189	224	259	294	-	-	-	-	-	-	-	-	1/2	68	67	112.5	38	50



规格 Specifications

型号 Model		KNVF3130	KNVF3230	KNVF3330	KNVF3430	KNVF3530
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		Rc(PT)1/4				
使用压力范围 Operating pressure range (MPa)		0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)		18.0		12.0		
环境及流体温度 Ambient and fluid temperature		5~60℃				
响应时间 Response time (0.5 MPa)		≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency		5 c/sec		3 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage		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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)				
	DC	2.5 W				

* 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.



KNVF3130-D



KNVF3230-DZ

型号表示方法 How to Order

KNVF 3 **1** 30 - **5** **D** **B** - **02**

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径
Port size

01 Rc(PT)1/4

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

• 接电方式
Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

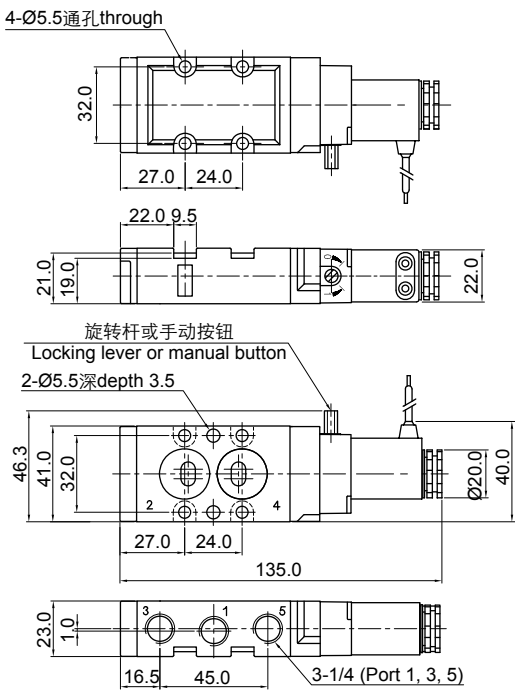
5通先导型贴装电磁阀

5-Port NAMUR Interface Pilot Operated Solenoid Valve

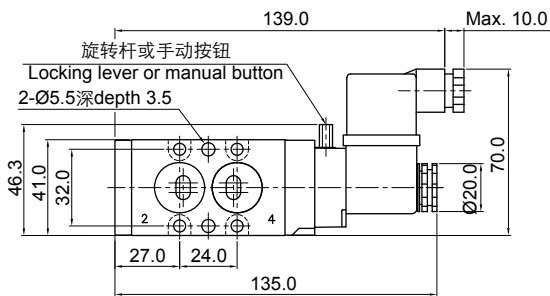
Series **KNVF3000**

外形尺寸图 Dimensions (mm)

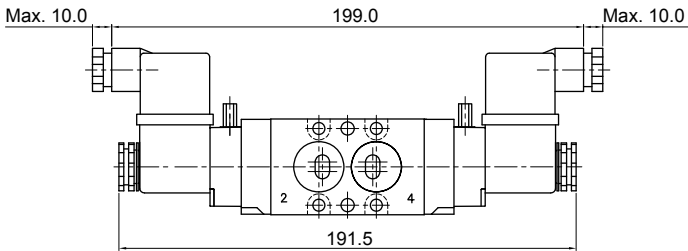
KNVF3130-G



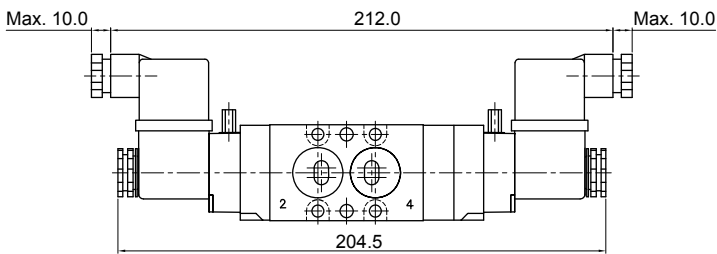
KNVF3130-D



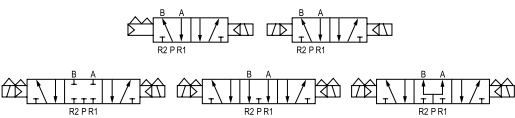
KNVF3230-D



KNVF33(4, 5)30-D



5通先导型贴装电磁阀
5-Port NAMUR Interface
Pilot Operated Solenoid Valve
Series **KNVF4000**



KNVF4130-D



KNVF4130-D-E

规格 Specifications

型号 Model	KNVF4130	KNVF4230	KNVF4330	KNVF4430	KNVF4530
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/4				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	32.0		16.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
响应时间 Response time (0.5 MPa)	≤ 30 ms		≤ 40 ms		
最大工作频率 Maximum working frequency	5 c/sec		3 c/sec		
* 润滑 Lubrication	不需要 Not required				
手动方式 Manual override	按钮无锁定 (标准), 旋转锁定 (可选) Push button non-locking (standard), lever locking (option)				
额定电压 Rated voltage	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				
功率消耗 Power consumption	AC	持续 Holding 5.5 VA (50/60 Hz)			
	DC	2.5 W			

* 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

KNVF 4 1 3 0 - 4 D B - 02 -

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

3	AC110V
4	AC220V
5	DC24V
6	DC12V

接管口径
Port size

02	Rc(PT)1/4
----	-----------

防爆
Explosion proof

-	无 None
E	等级 EExmII T5 Grade EExmII T5
Ei	本安型 EExialI CT6 Intrinsic safety EExialI CT6

手动方式
Manual override

-	按钮无锁定 Push button non-locking
B	旋转锁定 Lever locking

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector
DZ	DIN 插座带指示灯 DIN connector with LED

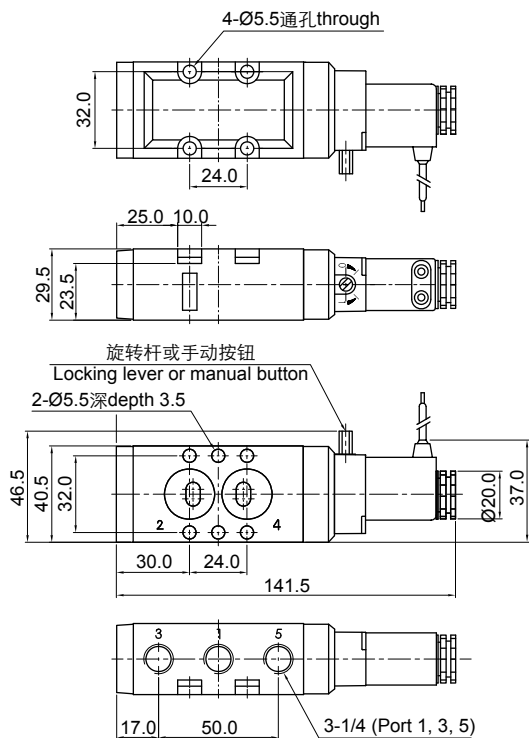
5通先导型贴装电磁阀

5-Port NAMUR Interface Pilot Operated Solenoid Valve

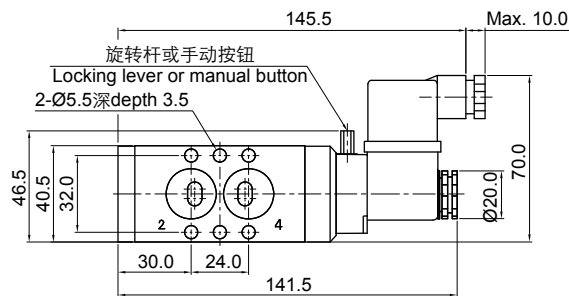
Series **KNVF4000**

外形尺寸图 Dimensions (mm)

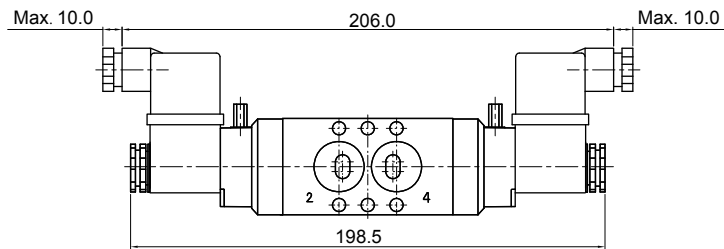
KNVF4130-G



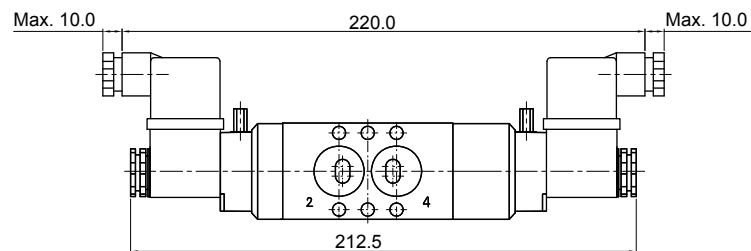
KNVF4130-D



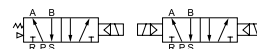
KNVF4230-D



KNVF43(4, 5)30-D



5通先导型贴装电磁阀 5-Port NAMUR Interface Pilot Operated Solenoid Valve Series 4M



4M310-08

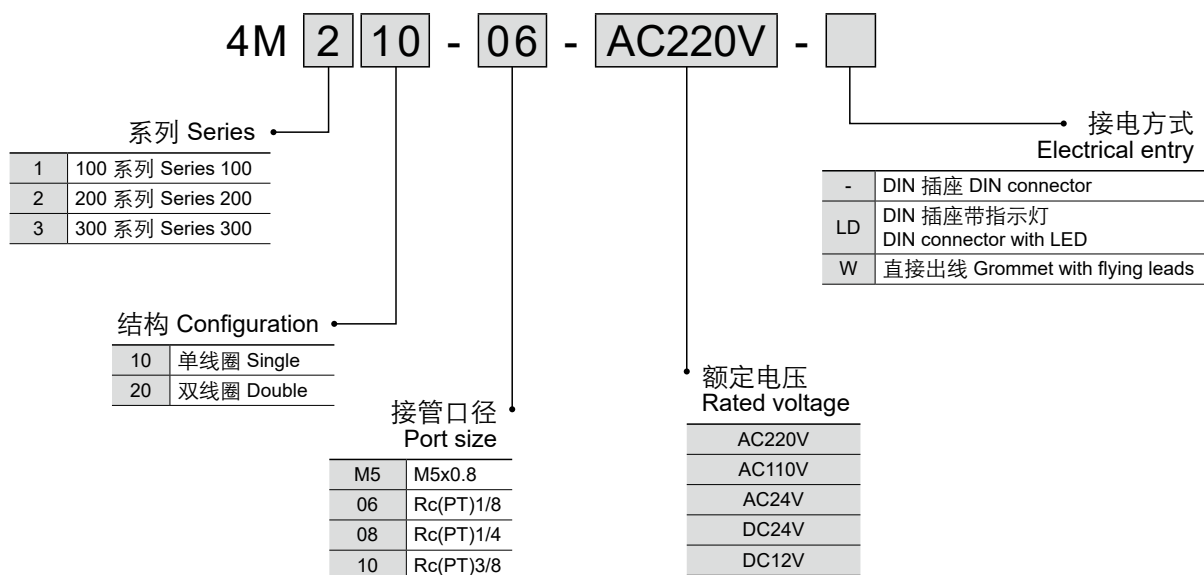
规格 Specifications

型号 Model	4M110-M5 4M120-M5	4M110-06 4M120-06	4M210-06 4M220-06	4M210-08 4M220-08	4M310-08 4M320-08	4M310-10 4M320-10
使用流体 Fluid	过滤压缩空气 Filtered compressed air					
接管口径 Port size Rc(PT)	M5	1/8	1/8	进气 Inlet: 1/4 排气 Exhaust: 1/8	1/4	进气 Inlet: 3/8 排气 Exhaust: 1/4
有效截面积 Effective sectional area (mm²)	10.0 (Cv=0.56)	12.0 (Cv=0.67)	14.0 (Cv=0.78)	16.0 (Cv=0.89)	25.0 (Cv=1.4)	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				4 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	2.5 VA (50/60 Hz)		5.5 VA (50/60 Hz)		
	DC	2.5 W		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



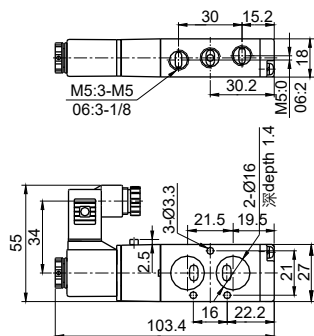
5通先导型贴装电磁阀

5-Port NAMUR Interface Pilot Operated Solenoid Valve

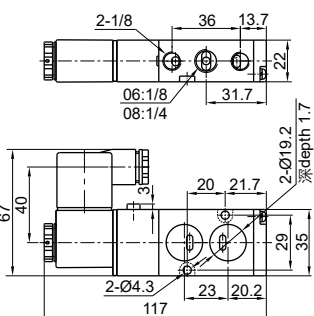
Series 4M

外形尺寸图 Dimensions (mm)

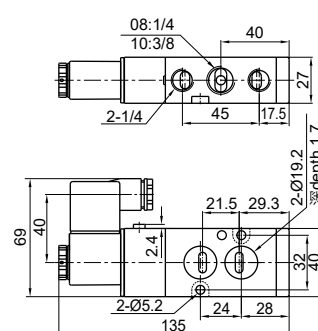
4M110-(LD)



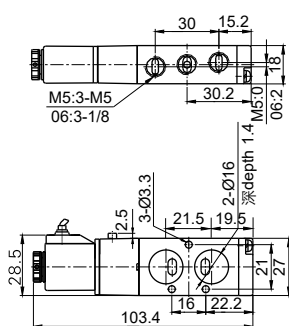
4M210-(LD)



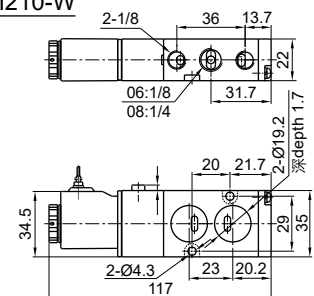
4M310-(LD)



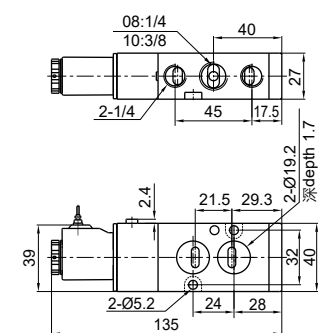
4M110-W



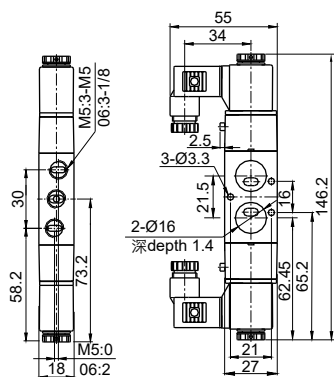
4M210-W



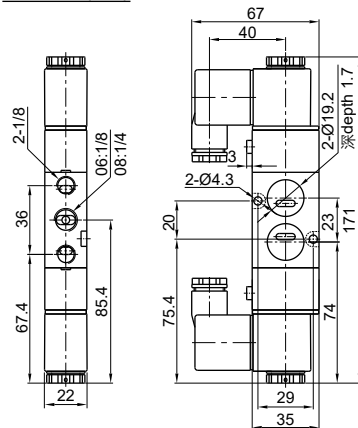
4M310-W



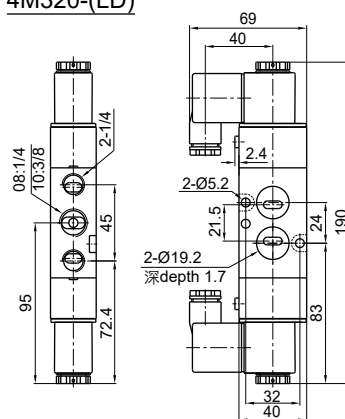
4M120-(LD)



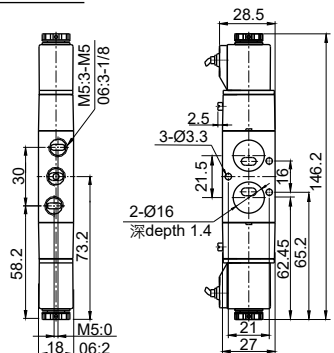
4M220-(LD)



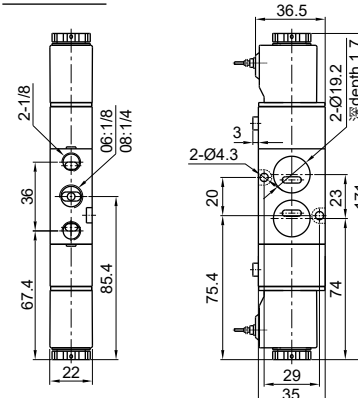
4M320-(LD)



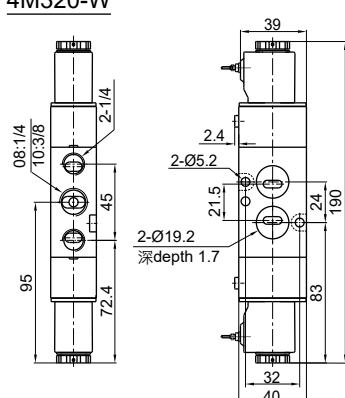
4M120-W



4M220-W



4M320-W



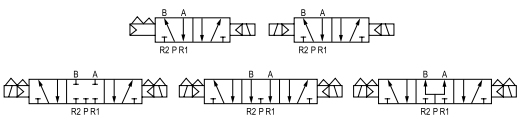
ARK

5通先导型电磁阀

5-Port Pilot Operated

Solenoid Valve

Series **KSY3000S**



规格 Specifications



KSY3120S-LZ



KSY3220S-LZ

型号 Model		KSY3120S	KSY3220S	KSY3320S	KSY3420S	KSY3520S
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		M5				
使用压力范围 Operating pressure range (MPa)		0.15~0.7		0.2~0.7		
Cv	P-A/B	0.25		0.19		0.30
	A/B-R/S	0.27		0.20	0.25	
环境及流体温度 Ambient and fluid temperature		-5~60℃ (未冻结 No freezing)				
响应时间 Response time (0.5 MPa)		≤ 12 ms		≤ 15 ms		
最大工作频率 Maximum working frequency		15 c/sec		5 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定 Push button non-locking				
额定电压 Rated voltage		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				
功率消耗 Power consumption	DC	1.2 W				

* 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

KSY 3 1 20S - 5 LZ - M5

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

5	DC24V
6	DC12V

接管口径
Port size

M5	M5x0.8
----	--------

接电方式
Electrical entry

LZ	垂直插座指示灯 90° connector with LED
MZ	平行插座带指示灯 180° connector with LED

*提供的电线长度0.3米, 可选择其他长度。
Supplied wire length is 0.3 m, other length available.

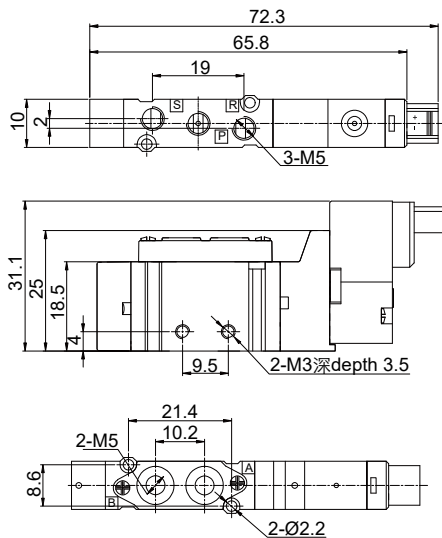
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

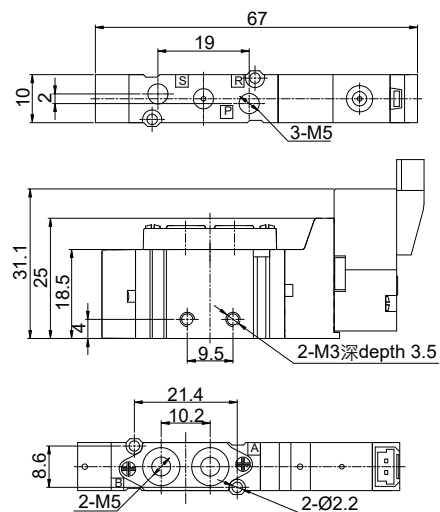
Series KSY3000S

外形尺寸图 Dimensions (mm)

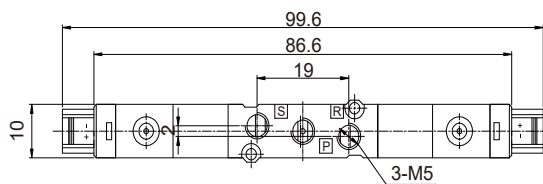
KSY3120S-LZ



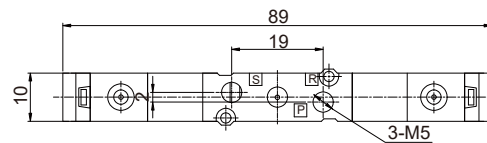
KSY3120S-MZ



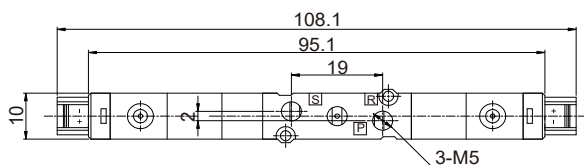
KSY3220S-LZ



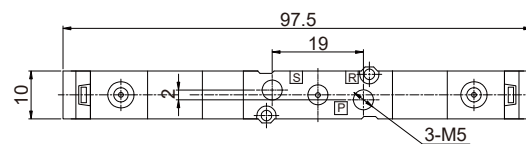
KSY3220S-MZ



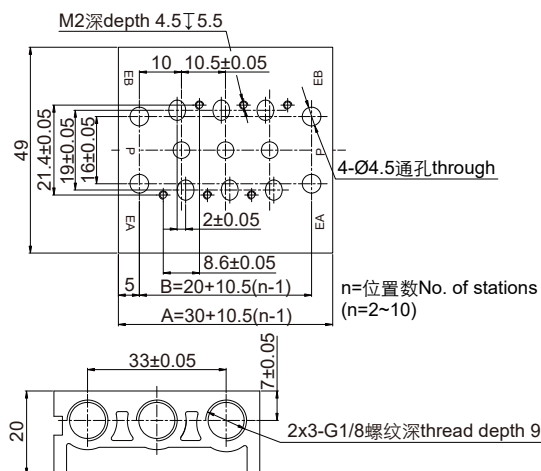
KSY33(4, 5)20S-LZ



KSY33(4, 5)20S-MZ



汇流板 Manifold



型号表示方法 How to Order

KSY3000 - M5 - B2

适用电磁阀
Applicable solenoid valve
Series KSY3000S

位置数
No. of
stations

M2	2
M3	3
...	...

盲板数量
No. of
blank plates

-	无 None
B1	1
B2	2
...	...

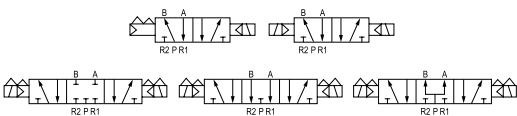
位置数 No. of stations n=	2	3	4	5	6	7	8	9	10
A	40.5	51	61.5	72	82.5	93	103.5	114	124.5
B	30.5	41	51.5	62	72.5	83	93.5	104	114.5

ARK

5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

Series **KSY5000S**



规格 Specifications

型号 Model		KSY5120S	KSY5220S	KSY5320S	KSY5420S	KSY5520S
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		G1/8				
使用压力范围 Operating pressure range (MPa)		0.15~0.7		0.2~0.7		
Cv	P-A/B	0.67		0.52	0.46	0.89
	A/B-R/S	0.69		0.49	0.75	0.50
环境及流体温度 Ambient and fluid temperature		-5~60°C (未冻结 No freezing)				
响应时间 Response time (0.5 MPa)		≤ 19 ms		≤ 32 ms		
最大工作频率 Maximum working frequency		8 c/sec		5 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定 Push button non-locking				
额定电压 Rated voltage		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				
功率消耗 Power consumption	DC	1.2 W				

* 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

KSY 5 1 20S - 5 LZ - 01

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

5	DC24V
6	DC12V

接管口径
Port size

01	G1/8
----	------

接电方式
Electrical entry

LZ	垂直插座指示灯 90° connector with LED
MZ	平行插座带指示灯 180° connector with LED

*提供的电线长度0.3米, 可选择其他长度。
Supplied wire length is 0.3 m, other length available.

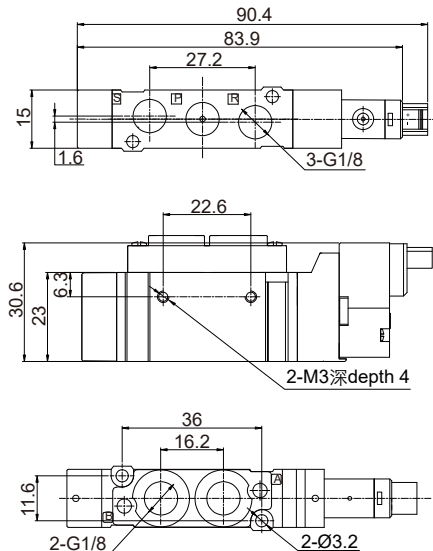
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

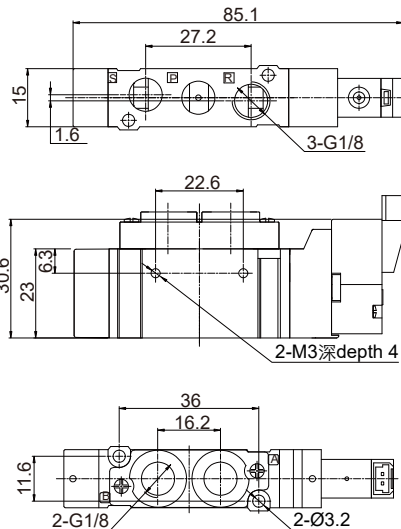
Series KSY5000S

外形尺寸图 Dimensions (mm)

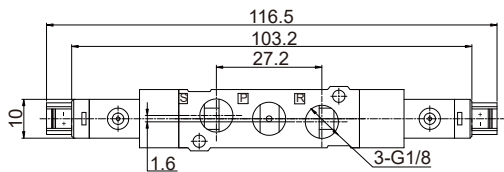
KSY5120S-LZ



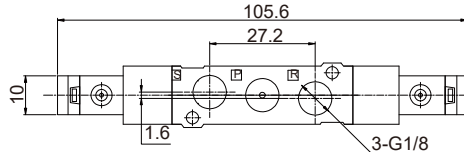
KSY5120S-MZ



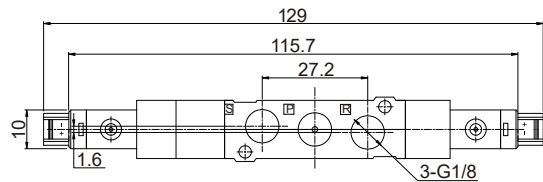
KSY5220S-LZ



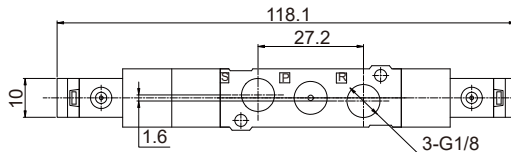
KSY5220S-MZ



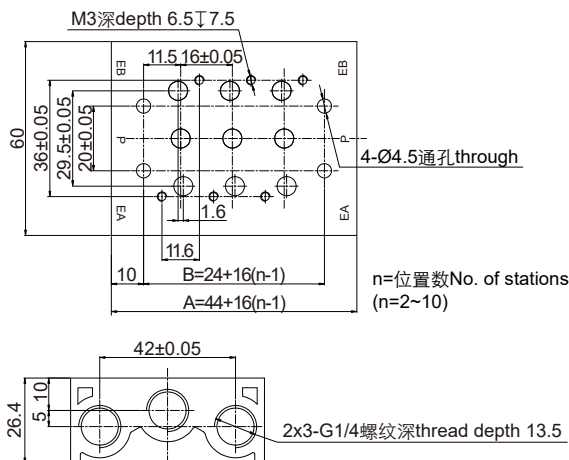
KSY53(4, 5)20S-LZ



KSY53(4, 5)20S-MZ



汇流板 Manifold



型号表示方法 How to Order

KSY5000 - M5 - B2

适用电磁阀
Applicable solenoid valve
Series KSY5000S

位置数
No. of
stations

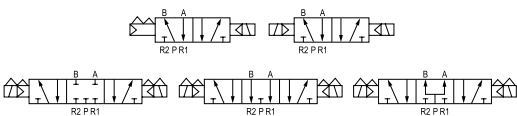
M2	2
M3	3
...	...

盲板数量
No. of
blank plates

-	无 None
B1	1
B2	2
...	...

位置数 No. of stations n=	2	3	4	5	6	7	8	9	10
A	60	76	92	108	124	140	156	172	188
B	40	56	72	88	104	120	136	152	168

5通先导型电磁阀
5-Port Pilot Operated
Solenoid Valve
Series **KSY7000S**



KSY7120S-LZ



KSY7220S-LZ

规格 Specifications

型号 Model		KSY7120S	KSY7220S	KSY7320S	KSY7420S	KSY7520S
使用流体 Fluid		过滤压缩空气 Filtered compressed air				
接管口径 Port size		G1/4				
使用压力范围 Operating pressure range (MPa)		0.15~0.7		0.2~0.7		
Cv	P-A/B	1.15		0.84	0.74	1.36
	A/B-R/S	1.05		0.75	1.15	0.66
环境及流体温度 Ambient and fluid temperature		-5~60℃ (未冻结 No freezing)				
响应时间 Response time (0.5 MPa)		≤ 31 ms		≤ 50 ms		
最大工作频率 Maximum working frequency		8 c/sec		5 c/sec		
* 润滑 Lubrication		不需要 Not required				
手动方式 Manual override		按钮无锁定 Push button non-locking				
额定电压 Rated voltage		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 或同等等级 Class F or equivalent				
功率消耗 Power consumption	DC	1.2 W				

* 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

KSY 7 1 20S - 5 LZ - 02

结构 Configuration

1	单线圈 Single
2	双线圈 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

额定电压
Rated voltage

5	DC24V
6	DC12V

接管口径
Port size

02	G1/4
----	------

接电方式
Electrical entry

LZ	垂直插座指示灯 90° connector with LED
MZ	平行插座带指示灯 180° connector with LED

*提供的电线长度0.3米, 可选择其他长度。
Supplied wire length is 0.3 m, other length available.

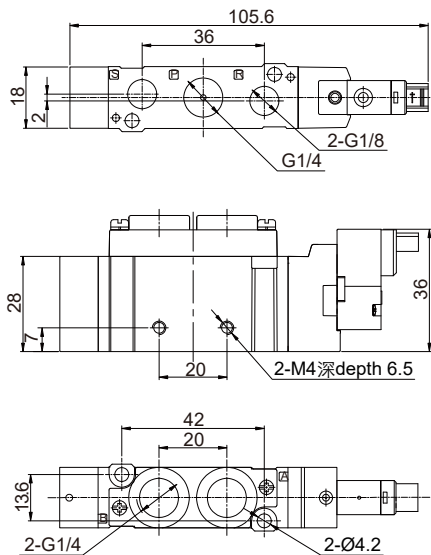
5通先导型电磁阀

5-Port Pilot Operated Solenoid Valve

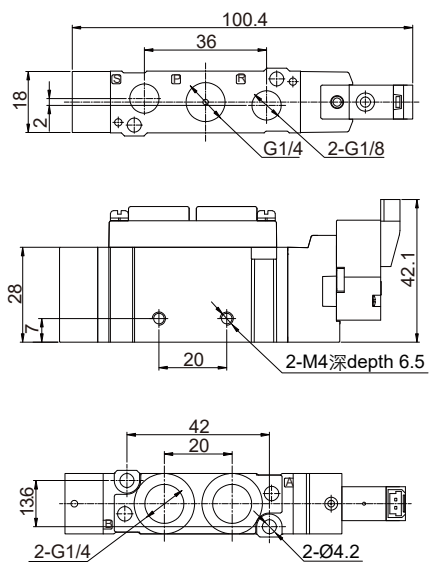
Series KSY7000S

外形尺寸图 Dimensions (mm)

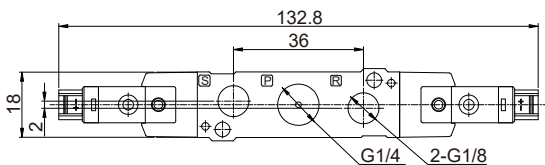
KSY7120S-LZ



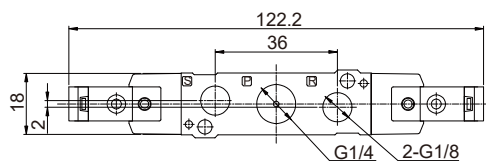
KSY7120S-MZ



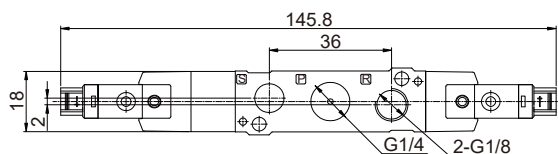
KSY7220S-LZ



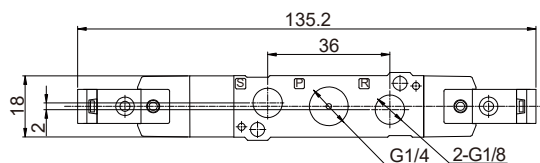
KSY7220S-MZ



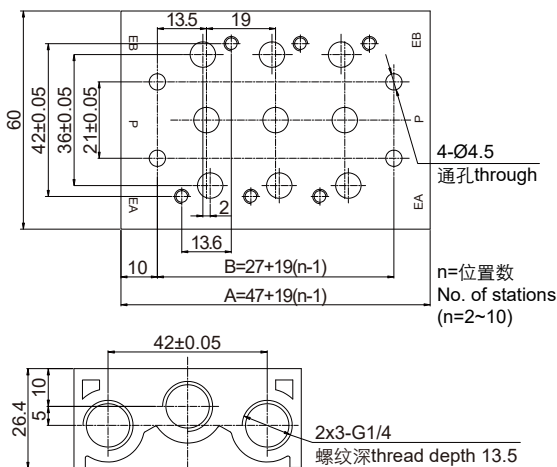
KSY73(4, 5)20S-LZ



KSY73(4, 5)20S-MZ



汇流板 Manifold



型号表示方法 How to Order

KSY7000

M5

B2

适用电磁阀
Applicable solenoid valve
Series KSY7000S

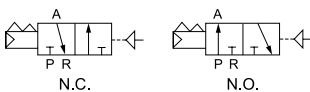
位置数
No. of stations

盲板数量
No. of blank plates

M2	2	-	无 None
M3	3	B1	1
...	...	B2	2
...	...	...	...

位置数 No. of stations n=	2	3	4	5	6	7	8	9	10
A	66	85	104	123	142	161	180	199	218
B	46	65	84	103	122	141	160	179	198

3通气控阀
3-Port Air Operated Valve
Series KVZA300



KVZA312

规格 Specifications

型号 Model	KVZA312	KVZA322
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	M5	
气控孔口径 Pilot port size	M5	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm²)	3.6	
环境及流体温度 Ambient and fluid temperature	5~60°C	
* 润滑 Lubrication	不需要 Not required	

* 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

KVZA 3 1 2 - M5

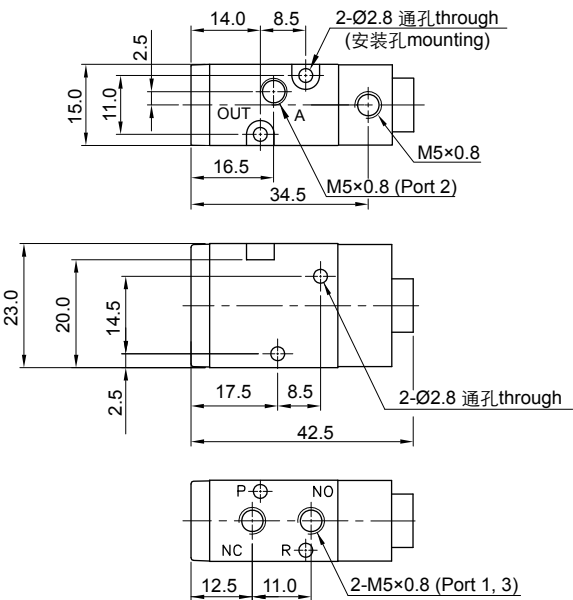
切换方式
Actuation

1	常闭 N.C.
2	常开 N.O.

接管口径
Port size

M5	M5x0.8
----	--------

外形尺寸图 Dimensions (mm)

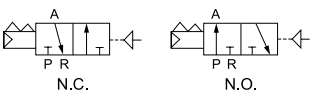


ARK

3通气控阀

3-Port Air Operated Valve

Series KVZA500



KVZA512

规格 Specifications

型号 Model	KVZA512	KVZA522
切换方式 Actuation	常闭 N.C.	常开 N.O.
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	Rc(PT)1/8	
气控孔口径 Pilot port size	M5	
使用压力范围 Operating pressure range (MPa)	0.15~1.0	
有效截面积 Effective sectional area (mm²)	12.6	
环境及流体温度 Ambient and fluid temperature	5~60℃	
* 润滑 Lubrication	不需要 Not required	

* 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

KVZA 5

1

2

-

01

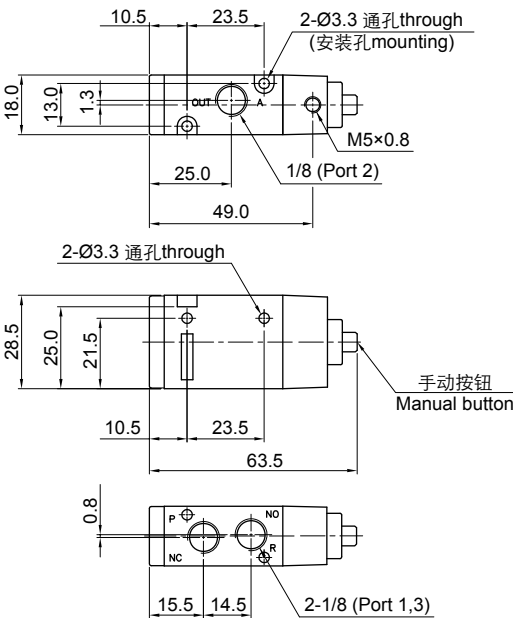
切换方式
Actuation

1	常闭 N.C.
2	常开 N.O.

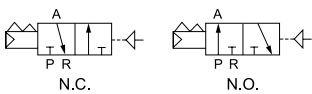
接管口径
Port size

01	Rc(PT)1/8
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外形尺寸图 Dimensions (mm)



3通气控阀
3-Port Air Operated Valve
Series KVPA342



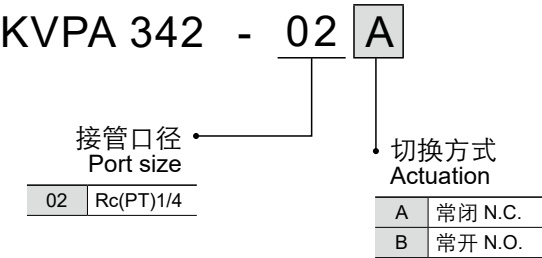
KVPA342

规格 Specifications

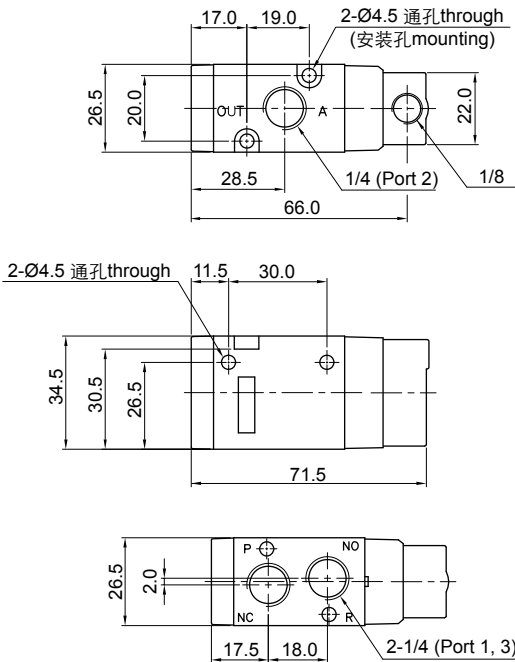
型号 Model	KVPA342
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
气控孔口径 Pilot port size	Rc(PT)1/8
使用压力范围 Operating pressure range (MPa)	0.15~1.0
有效截面积 Effective sectional area (mm ²)	19.0
环境及流体温度 Ambient and fluid temperature	5~60°C
* 润滑 Lubrication	不需要 Not required

* 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



外形尺寸图 Dimensions (mm)

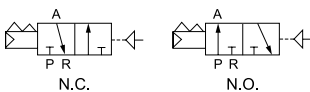


ARK

3通气控阀

3-Port Air Operated Valve

Series KVPA542



KVPA542

规格 Specifications

型号 Model	KVPA542
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)3/8
气控孔口径 Pilot port size	Rc(PT)1/8
使用压力范围 Operating pressure range (MPa)	0.15~1.0
有效截面积 Effective sectional area (mm²)	36.0
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVPA 542 - 03 A

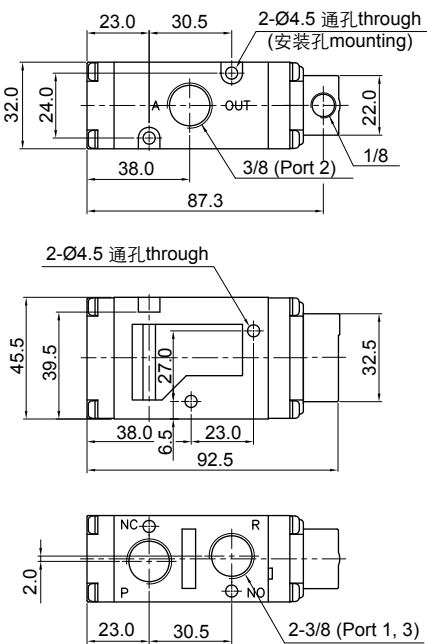
接管口径
Port size

03Rc(PT)3/8

切换方式
Actuation

A常闭 N.C.
B常开 N.O.

外形尺寸图 Dimensions (mm)

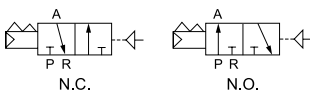


ARK

3通气控阀

3-Port Air Operated Valve

Series KVPA642



KVPA642

规格 Specifications

型号 Model	KVPA642
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/2
气控孔口径 Pilot port size	Rc(PT)1/8
使用压力范围 Operating pressure range (MPa)	0.15~1.0
有效截面积 Effective sectional area (mm²)	65.0
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVPA 642 - 04 A

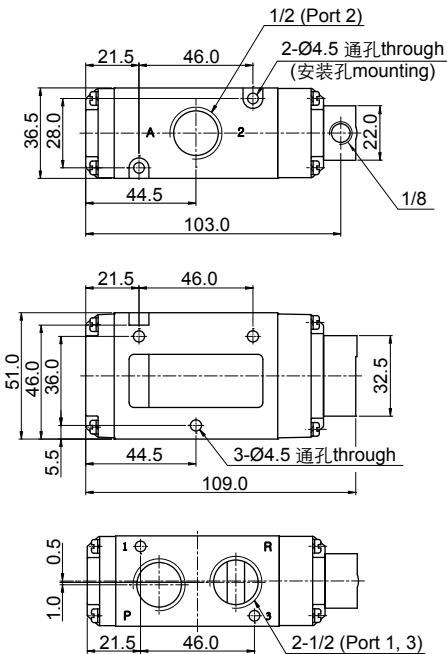
接管口径
Port size

04Rc(PT)1/2

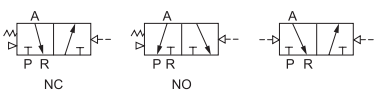
切换方式
Actuation

A常闭 N.C.
B常开 N.O.

外形尺寸图 Dimensions (mm)



3通气控阀
3-Port Air Operated Valve
Series 3A100



3A110-06-NC

规格 Specifications

型号 Model	3A110-M5	3A120-M5	3A110-06	3A120-06
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℃			
*1) 最大工作频率 Maximum working frequency	5 c/sec			
*2) 润滑 Lubrication	不需要 Not required			

*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

3A 1 10 - 06 - NO

结构
Configuration

10	单气控 Single
20	双气控 Double

接管口径
Port size

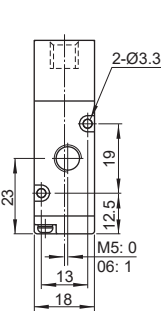
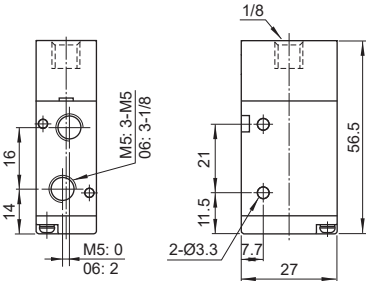
M5	M5
06	Rc(PT)1/8

切换方式
Actuation

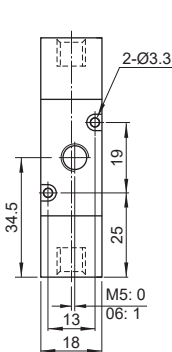
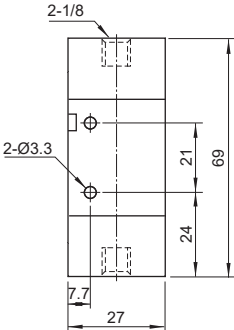
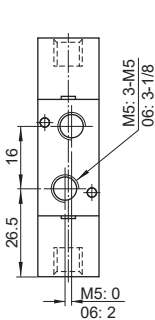
NO	常开 N.O.
NC	常闭 N.C.

外形尺寸图 Dimensions (mm)

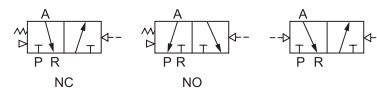
3A110



3A120



3通气控阀 3-Port Air Operated Valve Series 3A200



3A210-08-NC

规格 Specifications

型号 Model	3A210-06	3A220-06	3A210-08	3A220-08
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℃			
*1) 最大工作频率 Maximum working frequency	5 c/sec			
*2) 润滑 Lubrication	不需要 Not required			

*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

3A 2 10 - 06 - NO

结构
Configuration

10	单气控 Single
20	双气控 Double

接管口径
Port size

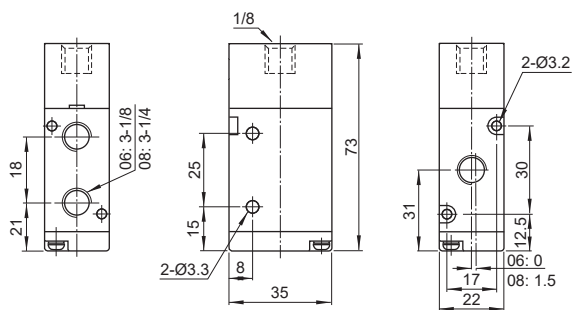
06	Rc(PT)1/8
08	Rc(PT)1/4

切换方式
Actuation

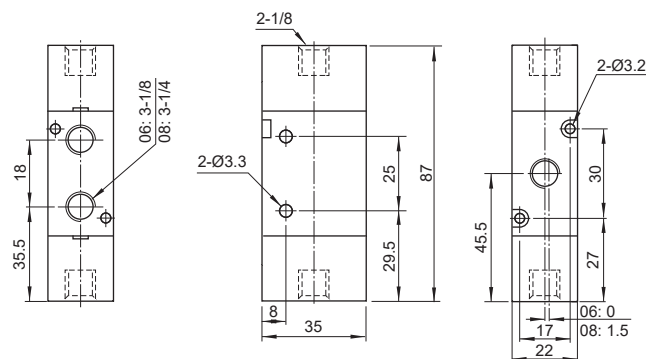
NO	常开 N.O.
NC	常闭 N.C.

外形尺寸图 Dimensions (mm)

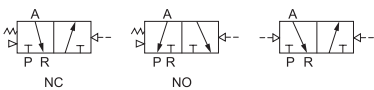
3A210



3A220



3通气控阀
3-Port Air Operated Valve
Series 3A300



3A310-10-NC

规格 Specifications

型号 Model	3A310-08	3A320-08	3A310-10	3A320-10
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℃			
*1) 最大工作频率 Maximum working frequency	5 c/sec			
*2) 润滑 Lubrication	不需要 Not required			

*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

3A 3 10 - 08 - NO

结构
Configuration

10	单气控 Single
20	双气控 Double

接管口径
Port size

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

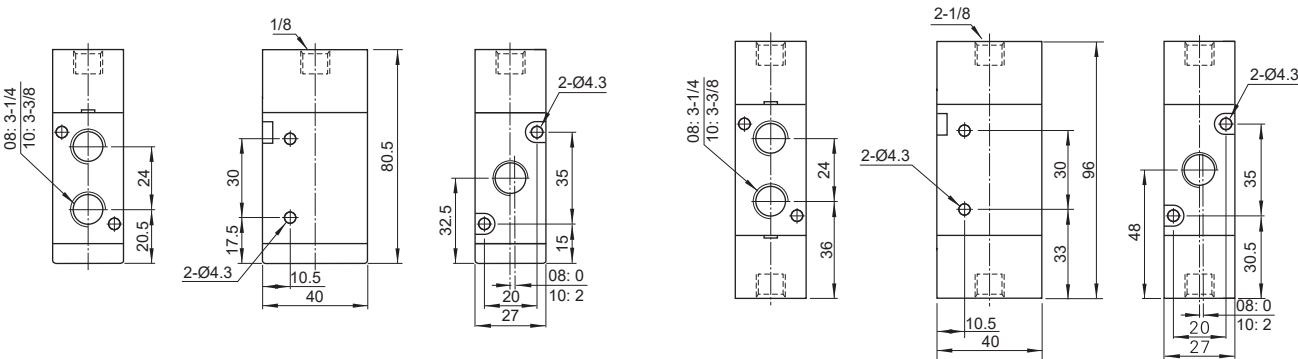
切换方式
Actuation

NO	常开 N.O.
NC	常闭 N.C.

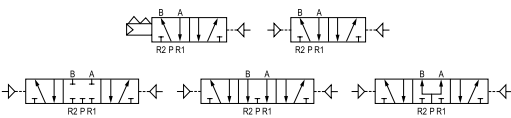
外形尺寸图 Dimensions (mm)

3A310

3A320



5通气控阀
5-Port Air Operated Valve
Series KVZA3000



KVZA3120

规格 Specifications

型号 Model	KVZA3120	KVZA3220	KVZA3320	KVZA3420	KVZA3520
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	M5				
气控孔口径 Pilot port size	M5				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	3.6		3.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVZA 3 1 2 0 - M5

结构 Configuration

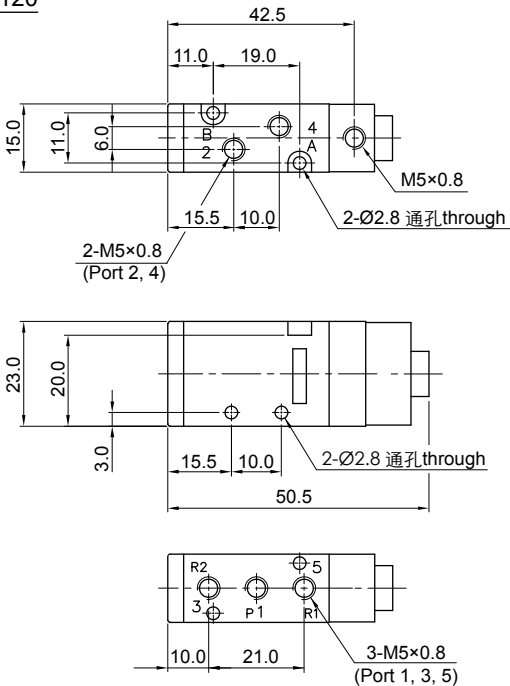
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

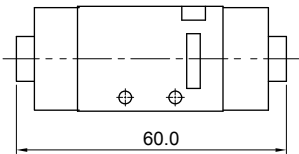
M5 M5x0.8

外形尺寸图 Dimensions (mm)

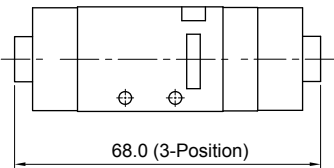
KVZA3120



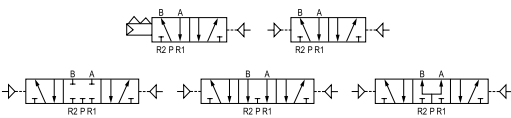
KVZA3220



KVZA33(4, 5)20



5通气控阀
5-Port Air Operated Valve
Series KVZA5000



KVZA5220

规格 Specifications

型号 Model	KVZA5120	KVZA5220	KVZA5320	KVZA5420	KVZA5520
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/8				
气控孔口径 Pilot port size	M5				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	12.6		9.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVZA 5 1 20 - 01

结构 Configuration

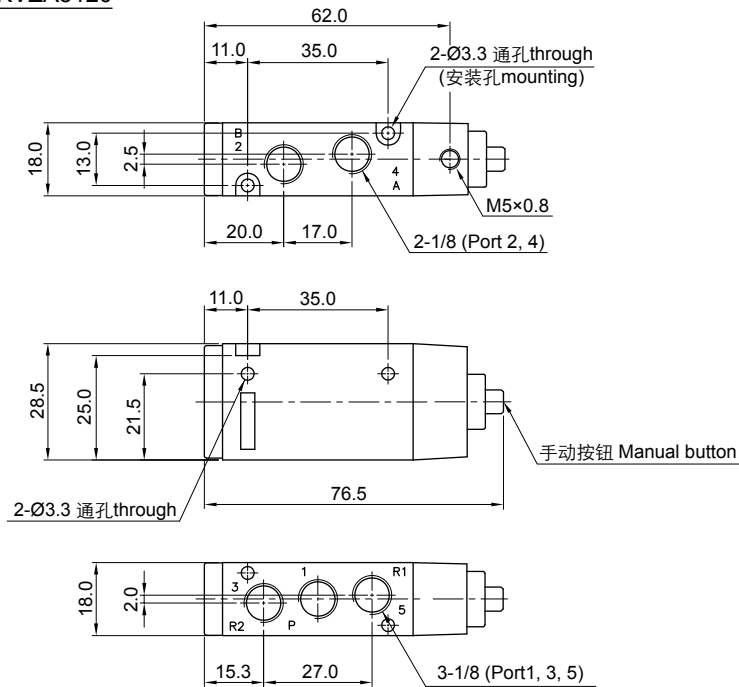
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

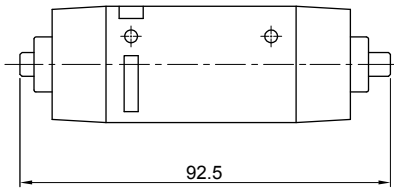
01	Rc(PT)1/8
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外形尺寸图 Dimensions (mm)

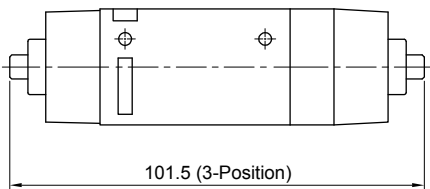
KVZA5120



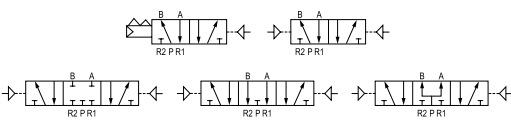
KVZA5220



KVZA53(4, 5)20



5通气控阀
5-Port Air Operated Valve
Series KVFA3000



KVFA3130



KVFA3230

规格 Specifications

型号 Model	KVFA3130	KVFA3230	KVFA3330	KVFA3430	KVFA3530
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/4				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	19.0		11.5		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 3 1 3 0 - 02

结构 Configuration

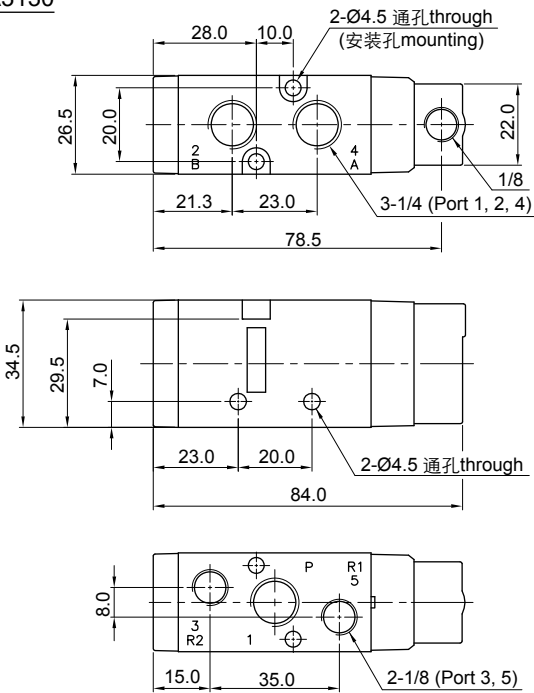
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

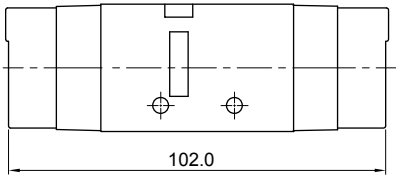
02	Rc(PT)1/4
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外形尺寸图 Dimensions (mm)

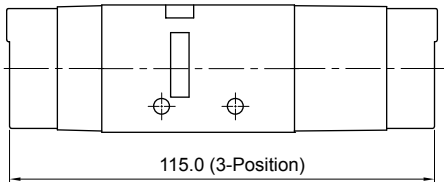
KVFA3130



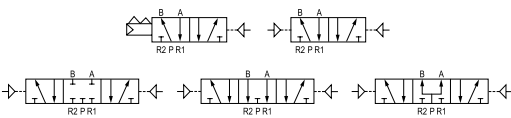
KVFA3230



KVFA33(4, 5)30



5通气控阀
5-Port Air Operated Valve
Series KVFA5000



规格 Specifications

型号 Model	KVFA5120	KVFA5220	KVFA5320	KVFA5420	KVFA5520
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/8				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	36.0		30.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 5 1 2 0 - 03

结构 Configuration

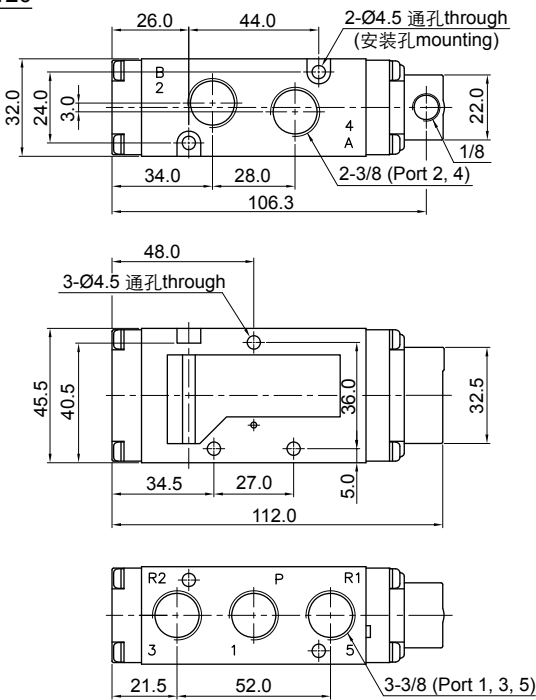
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

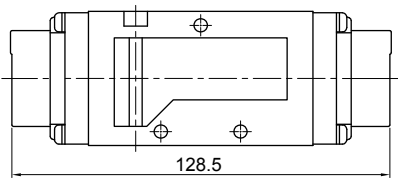
03	Rc(PT)3/8
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外形尺寸图 Dimensions (mm)

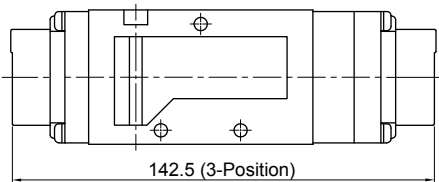
KVFA5120



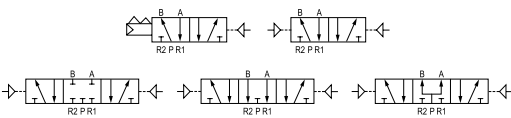
KVFA5220



KVFA53(4, 5)20



5通气控阀
5-Port Air Operated Valve
Series KVFA6000



KVFA6120

规格 Specifications

型号 Model	KVFA6120	KVFA6220	KVFA6320	KVFA6420	KVFA6520
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)1/2				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	65.0		50.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 6 1 2 0 - 04

结构 Configuration

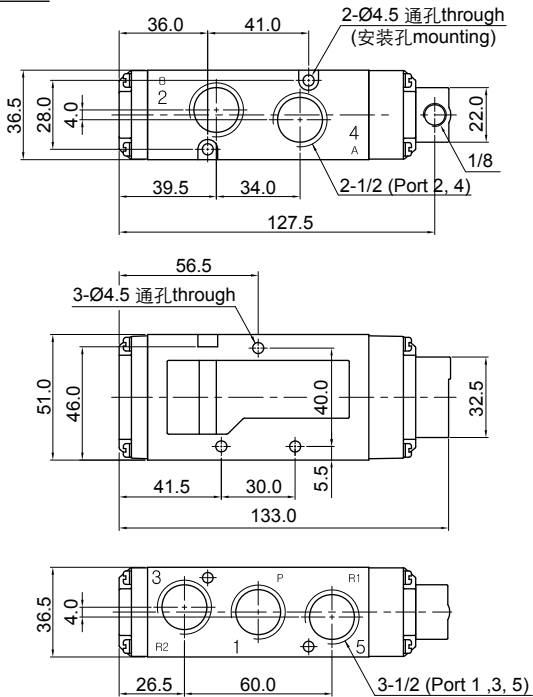
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

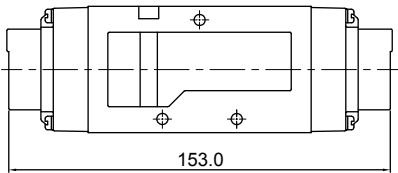
04 Rc(PT)1/2

外形尺寸图 Dimensions (mm)

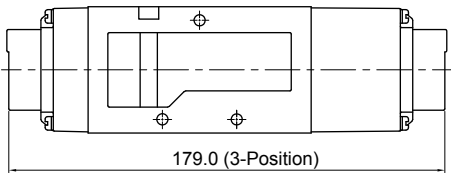
KVFA6120



KVFA6220



KVFA63(4, 5)20

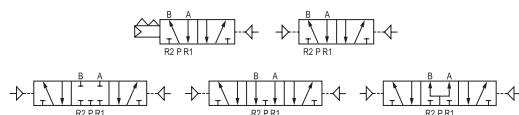


ARK

ISO-1规格5通气控阀 (底座配管型)

ISO-1 5-Port Air Operated Valve (Base Ported)

Series KVFA6040



KVFA6140



KVFA6240

规格 Specifications

型号 Model	KVFA6140	KVFA6240	KVFA6340	KVFA6440	KVFA6540
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/8, Rc(PT)1/2				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm ²)	30.0		25.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 6 **1** 4 0 - 04

结构 Configuration

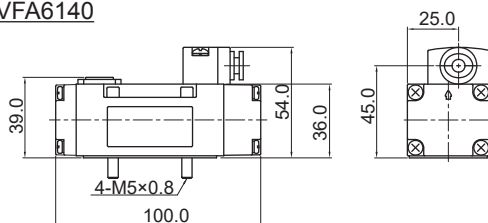
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径 Port size

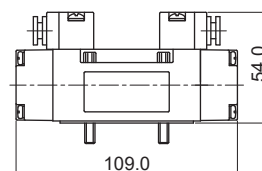
03	Rc(PT)3/8
04	Rc(PT)1/2

外形尺寸图 Dimensions (mm)

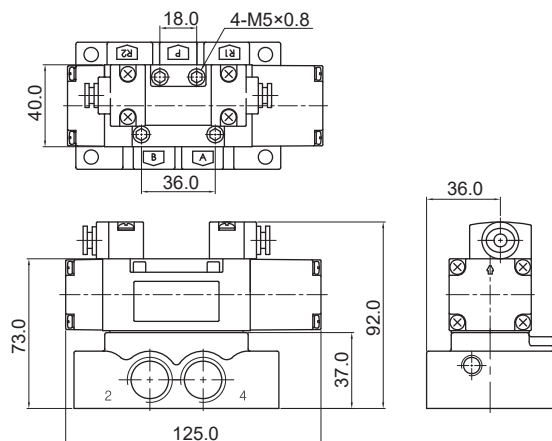
KVFA6140



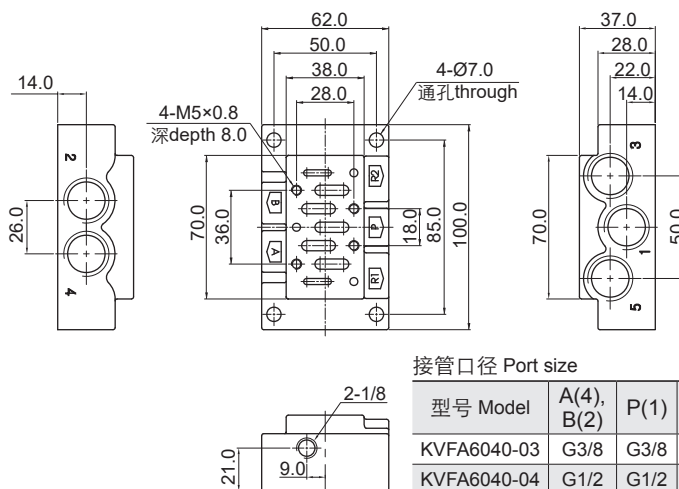
KVFA6240



KVFA63(4, 5)40



底座 Base



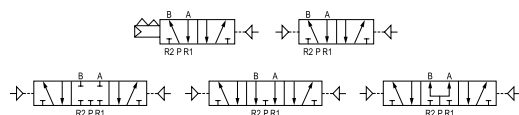
接管口径 Port size

型号 Model	A(4), B(2)	P(1)	R1(5), R2(3)
KVFA6040-03	G3/8	G3/8	G3/8
KVFA6040-04	G1/2	G1/2	G1/2

ISO-2规格5通气控阀 (底座配管型)

ISO-2 5-Port Air Operated Valve (Base Ported)

Series KVFA7040



KVFA7140



KVFA7240

规格 Specifications

型号 Model	KVFA7140	KVFA7240	KVFA7340	KVFA7440	KVFA7540
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/8, Rc(PT)1/2, Rc(PT)3/4				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.15~1.0		0.2~1.0		
有效截面积 Effective sectional area (mm²)	65.0		50.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 7 1 4 0 - 06

结构 Configuration

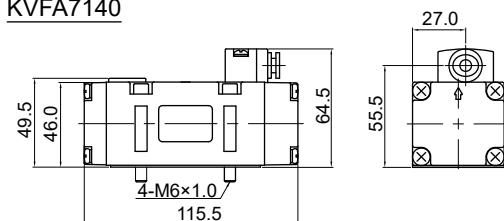
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径 Port size

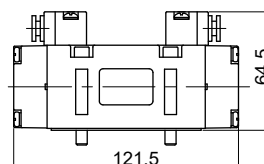
03	Rc(PT)3/8
04	Rc(PT)1/2
06	Rc(PT)3/4

外形尺寸图 Dimensions (mm)

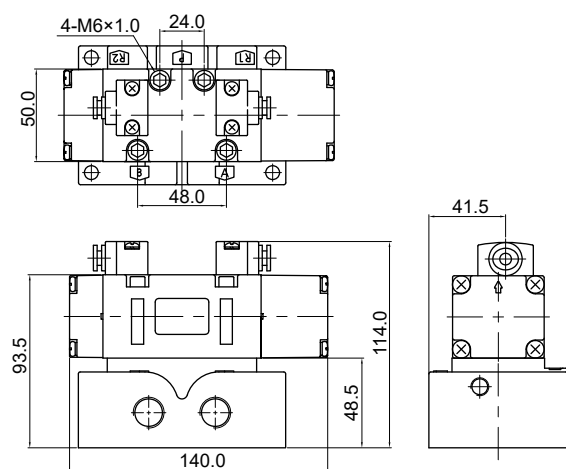
KVFA7140



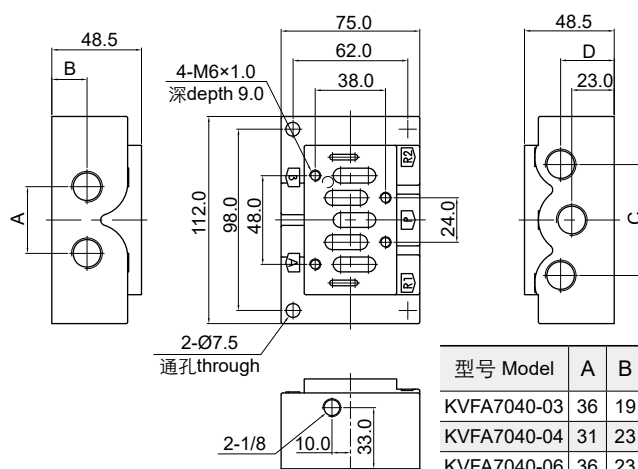
KVFA7240



KVFA73(4, 5)40



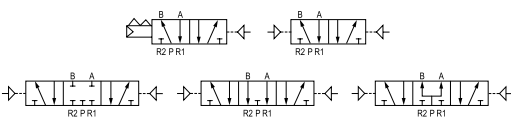
底座 Base



型号 Model	A	B	C	D
KVFA7040-03	36	19	60	29
KVFA7040-04	31	23	63.2	32
KVFA7040-06	36	23	67.2	26.3

ISO-3规格5通气控阀
(底座配管型)

ISO-3 5-Port Air Operated Valve (Base Ported)
Series KVFA8040



KVFA8140



KVFA8240

规格 Specifications

型号 Model	KVFA8140	KVFA8240	KVFA8340	KVFA8440	KVFA8540
使用流体 Fluid	过滤压缩空气 Filtered compressed air				
接管口径 Port size	Rc(PT)3/4, Rc(PT)1				
气控孔口径 Pilot port size	Rc(PT)1/8				
使用压力范围 Operating pressure range (MPa)	0.2~1.0		0.25~1.0		
有效截面积 Effective sectional area (mm ²)	90.0		70.0		
环境及流体温度 Ambient and fluid temperature	5~60℃				
* 润滑 Lubrication	不需要 Not required				

* 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

KVFA 8 1 4 0 - 06

结构 Configuration

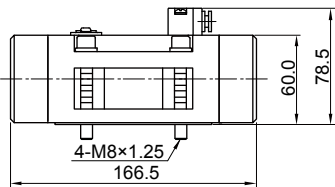
1	单气控 Single
2	双气控 Double
3	3 位 / 中央封闭 3-position/ closed center
4	3 位 / 中央排气 3-position/ exhaust center
5	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

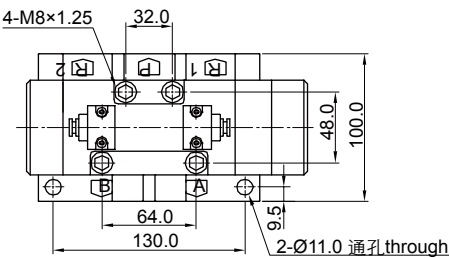
06	Rc(PT)3/4
10	Rc(PT)1

外形尺寸图 Dimensions (mm)

KVFA8140

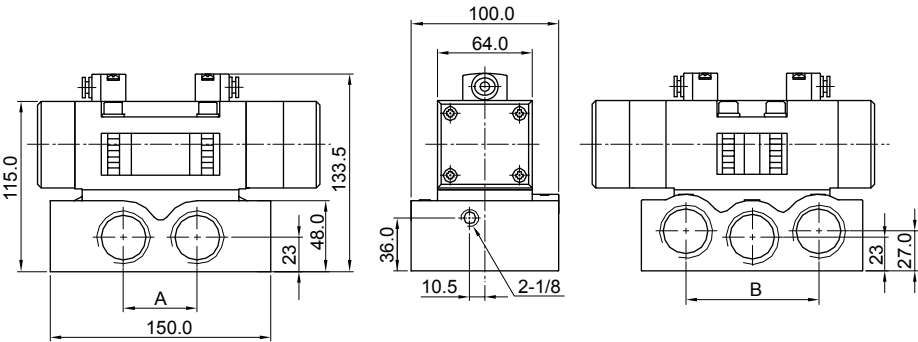
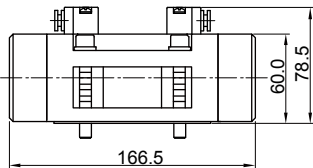


KVFA83(4, 5)40

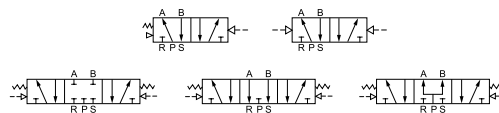


型号 Model	A	B
KVFA8040-06	42.5	84
KVFA8040-10	50	90

KVFA8240



5通气控阀 5-Port Air Operated Valve Series 4A100



4A110-06

规格 Specifications

型号 Model	4A110-M5 4A120-M5	4A130C-M5 4A130E-M5 4A130P-M5	4A110-06 4A120-06	4A130C-06 4A130E-06 4A130P-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)	7.0 (Cv=0.40)	12.0 (Cv=0.67)	9.0 (Cv=0.50)
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°C			
*1) 最大工作频率 Maximum working frequency	5 c/sec	3 c/sec	5 c/sec	3 c/sec
*2) 润滑 Lubrication	不需要 Not required			

*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

4A 1 10 - 06

结构 Configuration

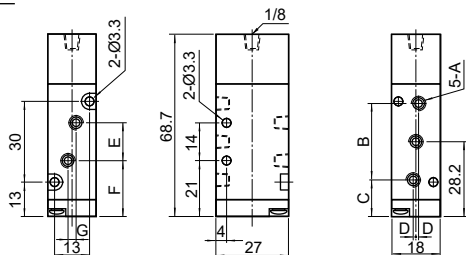
10	单气控 Single
20	双气控 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径 Port size

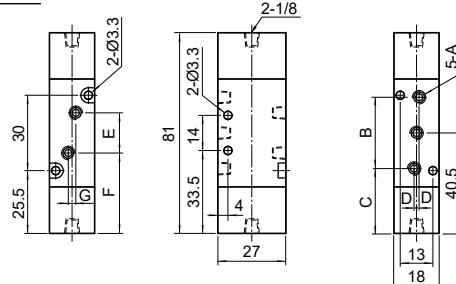
M5	M5
06	Rc(PT)1/8

外形尺寸图 Dimensions (mm)

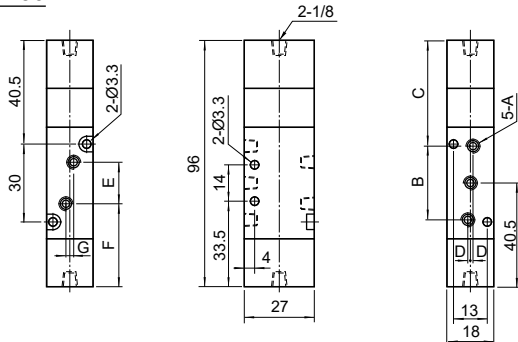
4A110



4A120

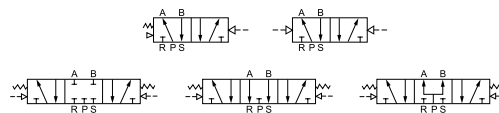


4A130



型号 Model	A	B	C	D	E	F	G
4A110-M5	M5x0.8	27	14.5	0	14	21	0
4A110-06	Rc(PT)1/8	28	14.2	1	16	20	3
4A120-M5	M5x0.8	27	27	0	14	33.5	0
4A120-06	Rc(PT)1/8	28	26.5	1	16	32.5	3
4A130-M5	M5x0.8	27	42	0	14	33.5	0
4A130-06	Rc(PT)1/8	28	41.5	1	16	32.5	3

5通气控阀 5-Port Air Operated Valve Series 4A200



4A210-08

规格 Specifications

型号 Model	4A210-06 4A220-06	4A230C-06 4A230E-06 4A230P-06	4A210-08 4A220-08	4A230C-08 4A230E-08 4A230P-08
使用流体 Fluid	过滤压缩空气 Filtered compressed air			
接管口径 Port size	1/8		进气 = 出气 Inlet=Outlet: 1/4 排气 Exhaust: 1/8	
有效截面积 Effective sectional area (mm ²)	14.0 (Cv=0.78)	12.0 (Cv=0.67)	16.0 (Cv=0.89)	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°C			
*1) 最大工作频率 Maximum working frequency	5 c/sec	3 c/sec	5 c/sec	3 c/sec
*2) 润滑 Lubrication	不需要 Not required			

*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

4A 2 10 - 06

结构 Configuration

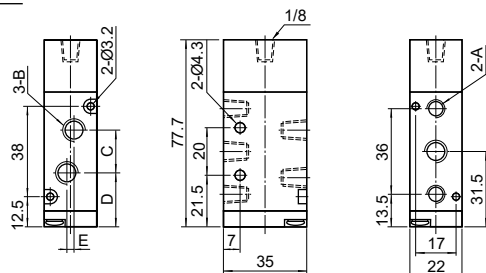
10	单气控 Single
20	双气控 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

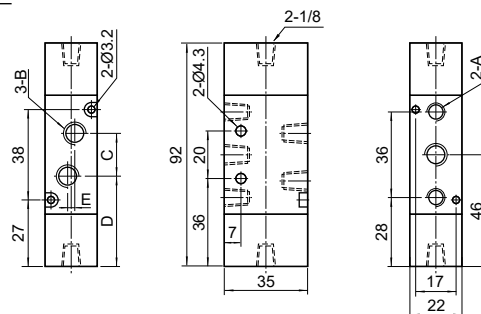
06	Rc(PT)1/8
08	Rc(PT)1/4

外形尺寸图 Dimensions (mm)

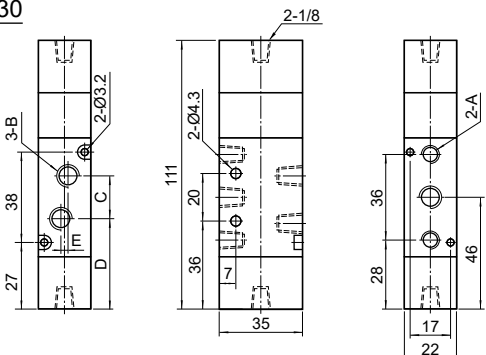
4A210



4A220

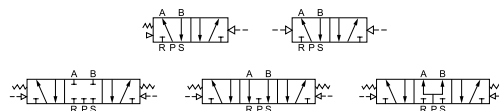


4A230

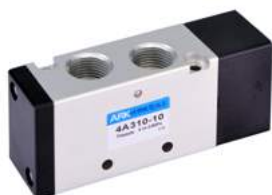


型号 Model	A	B	C	D	E
4A210-06	Rc(PT)1/8	Rc(PT)1/8	18	22.5	0
4A210-08	Rc(PT)1/8	Rc(PT)1/4	21	21	3
4A220-06	Rc(PT)1/8	Rc(PT)1/8	18	37	0
4A220-08	Rc(PT)1/8	Rc(PT)1/4	21	35.5	3
4A230-06	Rc(PT)1/8	Rc(PT)1/8	18	37	0
4A230-08	Rc(PT)1/8	Rc(PT)1/4	21	35.5	3

5通气控阀 5-Port Air Operated Valve Series 4A300



规格 Specifications



4A310-10

型号 Model	4A310-08 4A320-08	4A330C-08 4A330E-08 4A330P-08	4A310-10 4A320-10	4A330C-10 4A330E-10 4A330P-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		进气 = 出气 Inlet=Outlet: 3/8 排气 Exhaust: 1/4	
有效截面积 Effective sectional area (mm ²)	25.0 (Cv=1.4)	18.0 (Cv=1.0)	30.0 (Cv=1.68)	18.0 (Cv=1.0)
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°C			
*1) 最大工作频率 Maximum working frequency	4 c/sec	3 c/sec	4 c/sec	3 c/sec
*2) 润滑 Lubrication	不需要 Not required			

*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

4A 3 10 - 08

结构 Configuration

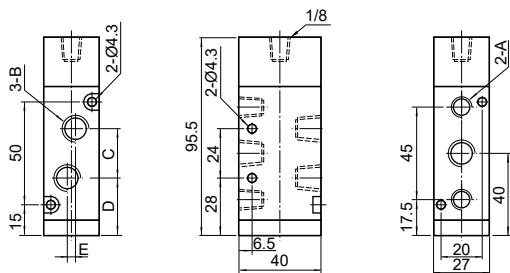
10	单气控 Single
20	双气控 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

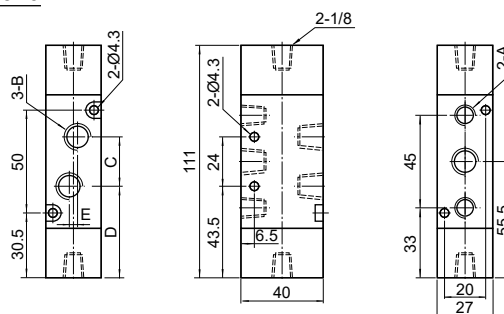
08	Rc(PT)1/4
10	Rc(PT)3/8

外形尺寸图 Dimensions (mm)

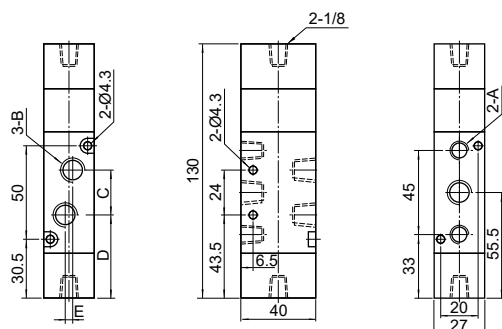
4A310



4A320

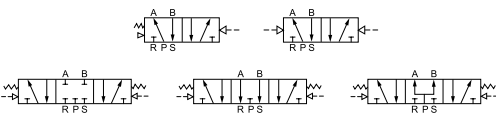


4A330



型号 Model	A	B	C	D	E
4A310-08	Rc(PT)1/4	Rc(PT)1/4	22	29	0
4A310-10	Rc(PT)1/4	Rc(PT)3/8	24	28	4
4A320-08	Rc(PT)1/4	Rc(PT)1/4	22	44.5	0
4A320-10	Rc(PT)1/4	Rc(PT)3/8	24	43.5	4
4A330-08	Rc(PT)1/4	Rc(PT)1/4	22	44.5	0
4A330-10	Rc(PT)1/4	Rc(PT)3/8	24	43.5	4

5通气控阀
5-Port Air Operated Valve
Series 4A400



4A410-15

规格 Specifications

型号 Model	4A410-15 4A420-15	4A430C-15 4A430E-15 4A430P-15
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	1/2	
有效截面积 Effective sectional area (mm ²)	50.0 (Cv=2.79)	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°C	
*1) 最大工作频率 Maximum working frequency	3 c/sec	
*2) 润滑 Lubrication	不需要 Not required	

*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

4A 4 10 - 15

结构 Configuration

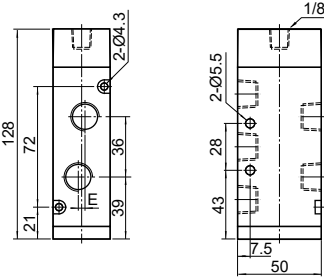
10	单气控 Single
20	双气控 Double
30C	3 位 / 中央封闭 3-position/ closed center
30E	3 位 / 中央排气 3-position/ exhaust center
30P	3 位 / 中央加压 3-position/ pressure center

接管口径
Port size

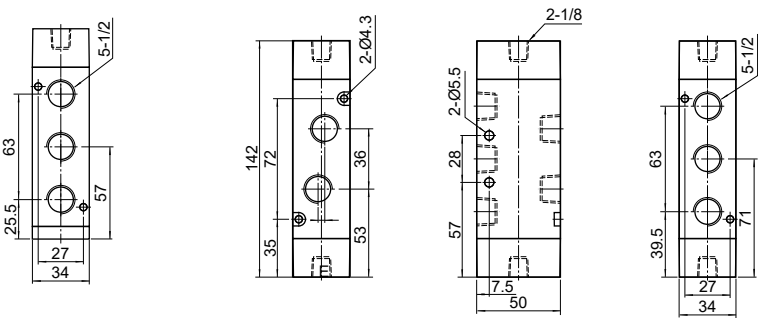
15	Rc(PT)1/2
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外形尺寸图 Dimensions (mm)

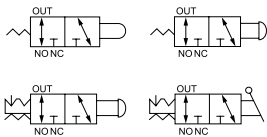
4A410



4A420
4A430



3通机械阀
3-Port Mechanical Valve
Series *KVM430*



规格 Specifications

型号 Model	KVM430
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/8
使用压力范围 Operating pressure range (MPa)	0~0.8
有效截面积 Effective sectional area (mm ²)	10.5
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVM 430 - 01 - 01

接管口径
Port size

01	Rc(PT)1/8
----	-----------

驱动机构 Actuator

00	基本 Basic
01	滚轮杠杆 Roller lever
01-S	硬钢滚轮杠杆 Bearing steel roller lever
02	单向滚轮杠杆 One-way roller lever
02-S	硬钢单向滚轮杠杆 One-way bearing steel roller lever
30	按钮 (蘑菇型) Push button (mushroom)
33	按钮 (平型) Push button (flat)
34	旋转选择 (2 位) Rotary selector (2-position)

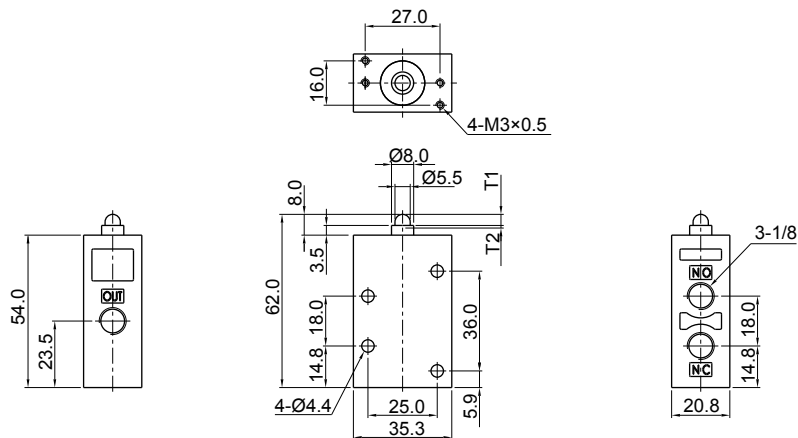
3通机械阀

3-Port Mechanical Valve

Series **KVM430**

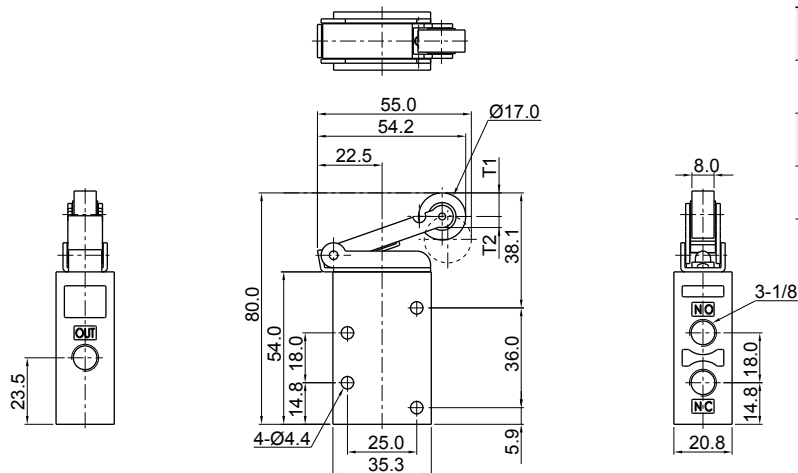
外形尺寸图 Dimensions (mm)

KVM430-01-00



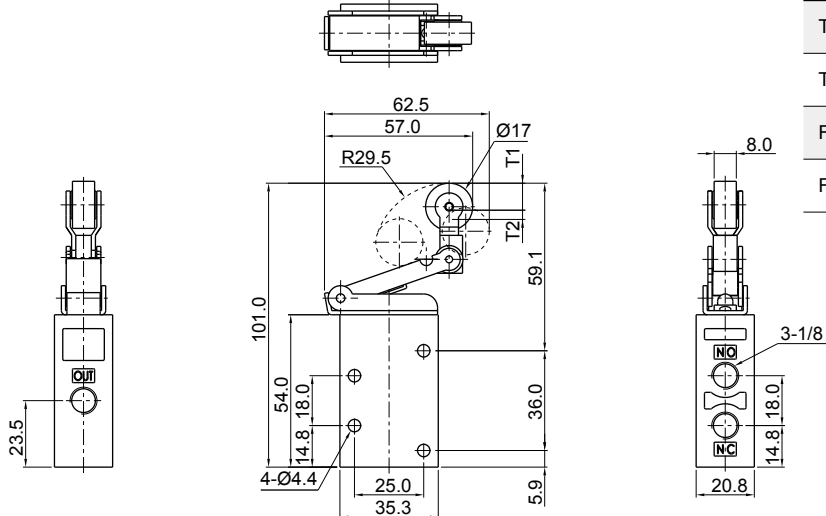
T1	有效作用距离 Valid operation distance	3.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM430-01-01(01S)



T1	有效作用距离 Valid operation distance	8.5 mm
T2	无效作用距离 Invalid operation distance	3.0 mm
F1	产生有效作用的压力 Pressure for valid operation	2.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	2.0 kgf

KVM430-01-02(02S)



T1	有效作用距离 Valid operation distance	9.0 mm
T2	无效作用距离 Invalid operation distance	3.5 mm
F1	产生有效作用的压力 Pressure for valid operation	2.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	2.0 kgf

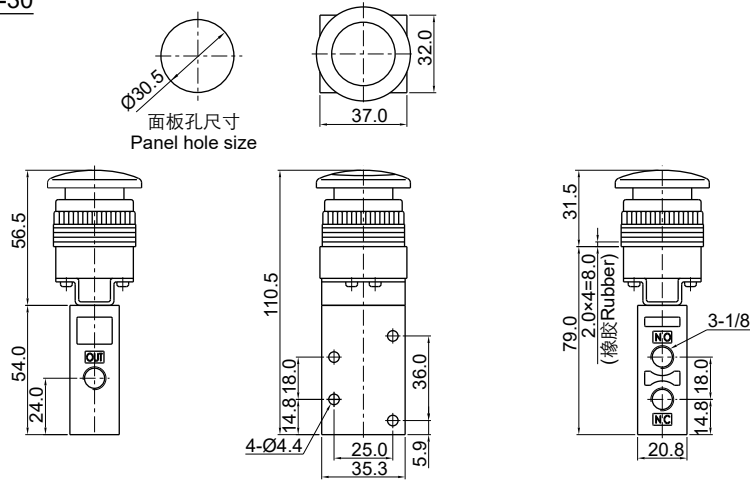
3通机械阀

3-Port Mechanical Valve

Series *KVM430*

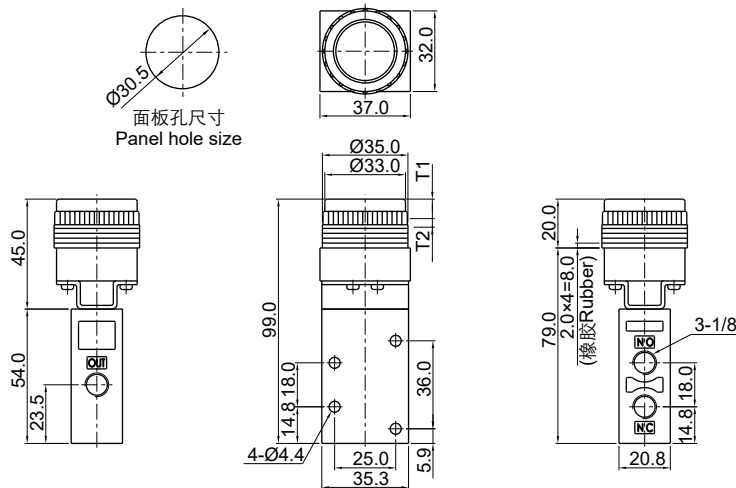
外形尺寸图 Dimensions (mm)

KVM430-01-30



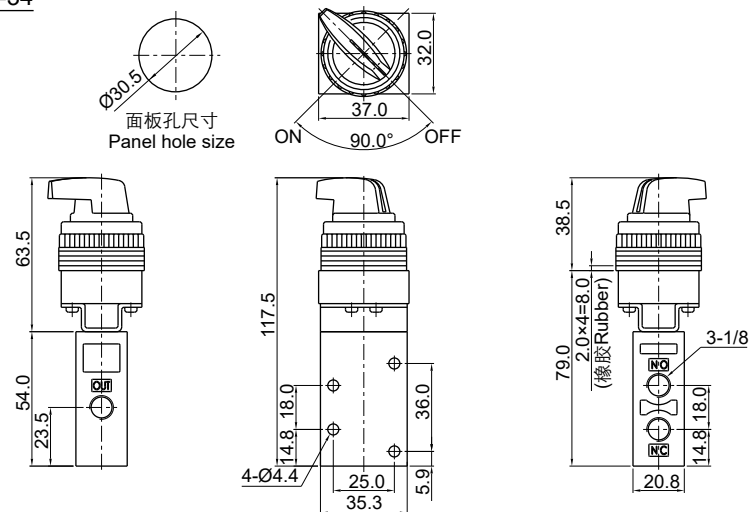
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM430-01-33



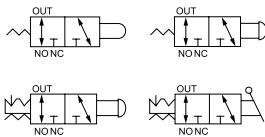
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM430-01-34



T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

3通机械阀
3-Port Mechanical Valve
Series *KVM230*



规格 Specifications

型号 Model	KVM230
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
使用压力范围 Operating pressure range (MPa)	0~0.8
有效截面积 Effective sectional area (mm²)	16.0
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVM 230 - 02 - 01

接管口径
Port size

02	Rc(PT)1/4
----	-----------

驱动机构 Actuator

00	基本 Basic
01	滚轮杠杆 Roller lever
01-S	硬钢滚轮杠杆 Bearing steel roller lever
02	单向滚轮杠杆 One-way roller lever
02-S	硬钢单向滚轮杠杆 One-way bearing steel roller lever
30	按钮 (蘑菇型) Push button (mushroom)
33	按钮 (平型) Push button (flat)
34	旋转选择 (2 位) Rotary selector (2-position)

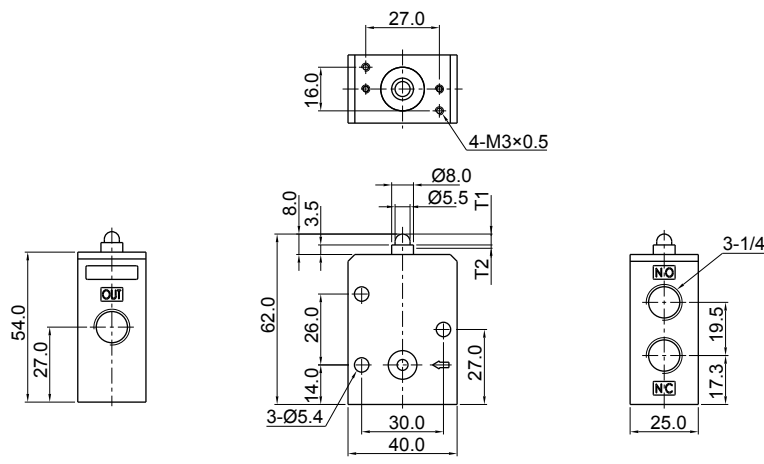
3通机械阀

3-Port Mechanical Valve

Series *KVM230*

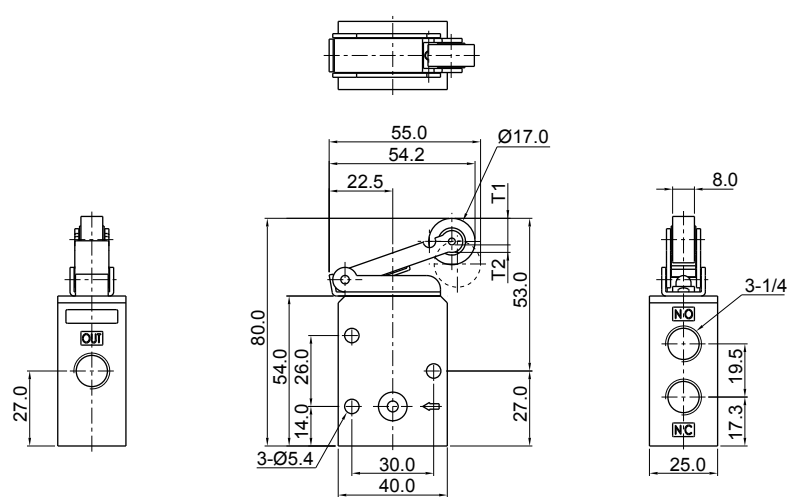
外形尺寸图 Dimensions (mm)

KVM230-02-00



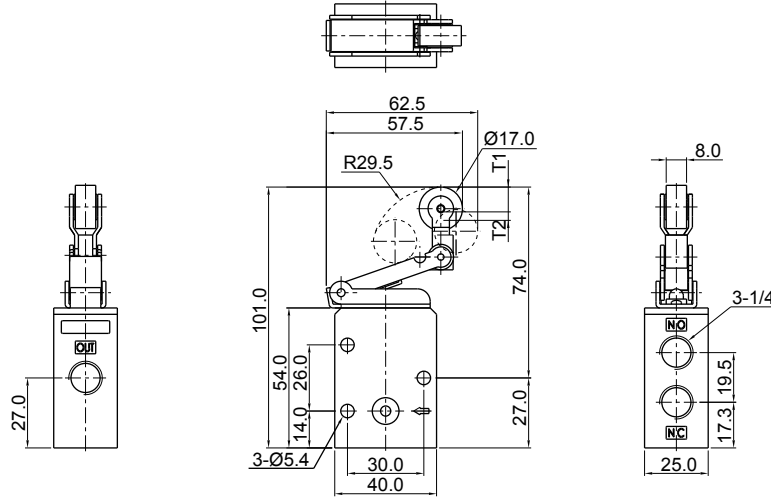
T1	有效作用距离 Valid operation distance	3.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM230-02-01(01S)



T1	有效作用距离 Valid operation distance	8.0 mm
T2	无效作用距离 Invalid operation distance	3.0 mm
F1	产生有效作用的压力 Pressure for valid operation	2.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	2.0 kgf

KVM230-02-02(02S)



T1	有效作用距离 Valid operation distance	9.0 mm
T2	无效作用距离 Invalid operation distance	3.5 mm
F1	产生有效作用的压力 Pressure for valid operation	2.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	2.0 kgf

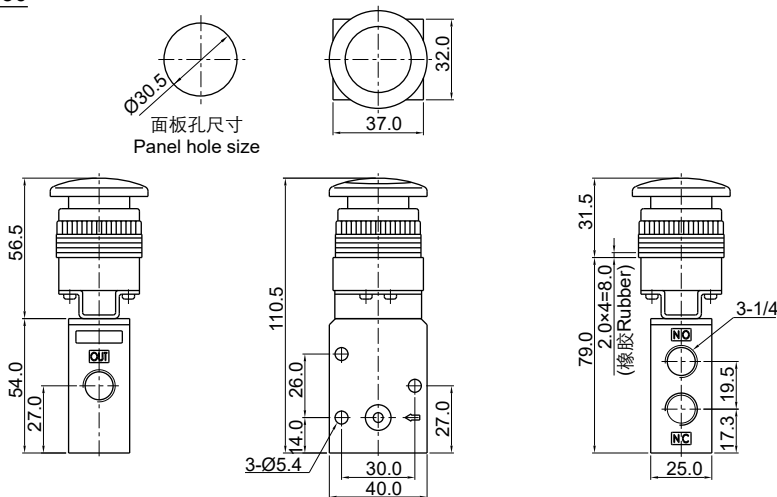
3通机械阀

3-Port Mechanical Valve

Series *KVM230*

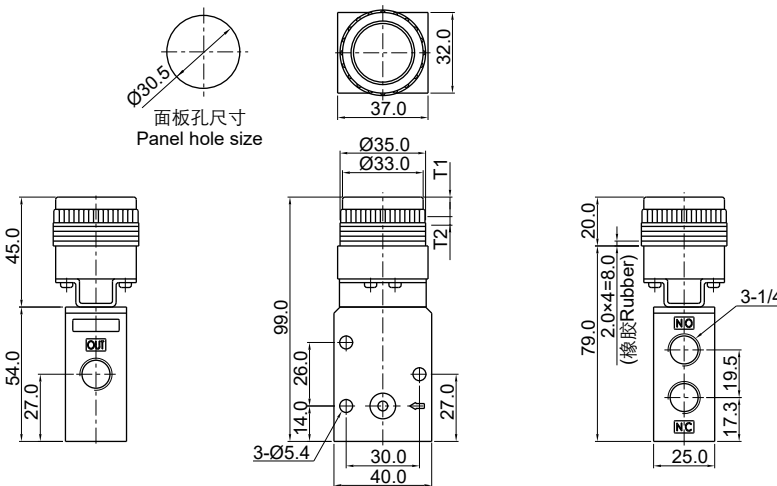
外形尺寸图 Dimensions (mm)

KVM230-02-30



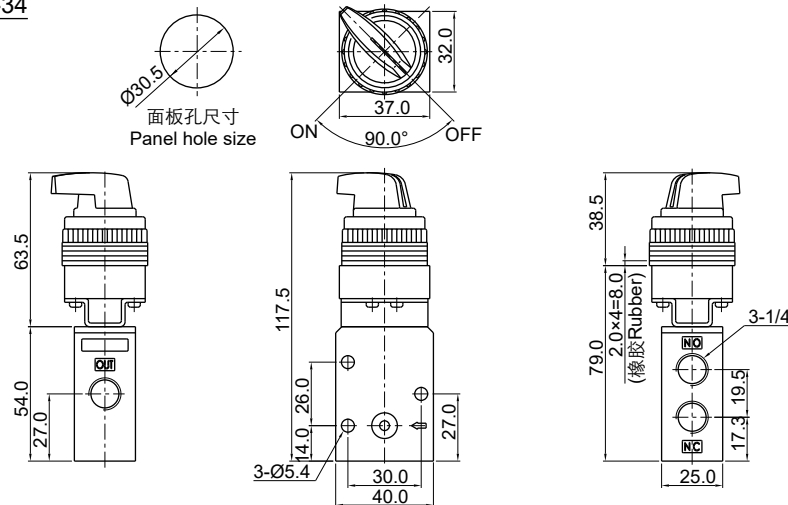
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM230-02-33



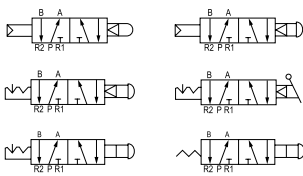
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVM230-02-34



T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

5通机械阀
5-Port Mechanical Valve
Series KVZM550



规格 Specifications

型号 Model	KVZM550
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/8
使用压力范围 Operating pressure range (MPa)	0~0.8
有效截面积 Effective sectional area (mm²)	12.6
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVZM 550 - 01 - 01

接管口径
Port size

01	Rc(PT)1/8
----	-----------

驱动机构 Actuator

00	基本 Basic
01	滚轮杠杆 Roller lever
01-S	硬钢滚轮杠杆 Bearing steel roller lever
30	按钮 (蘑菇型) Push button (mushroom)
33	按钮 (平型) Push button (flat)
34	旋转选择 (2 位) Rotary selector (2-position)

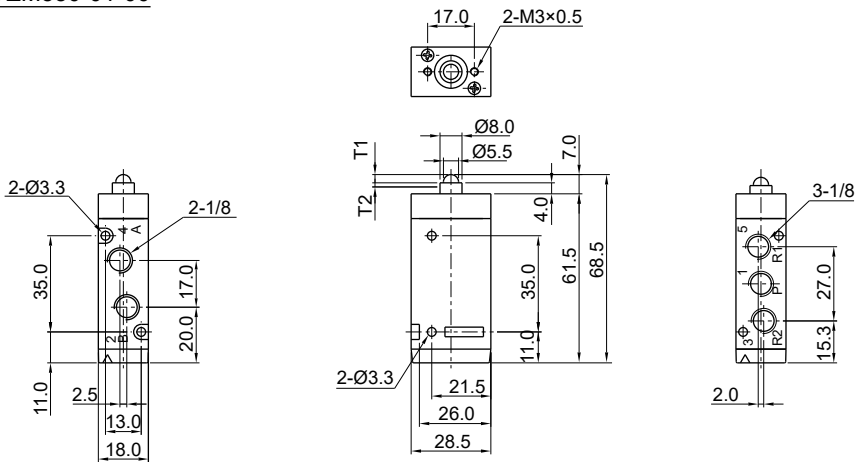
5通机械阀

5-Port Mechanical Valve

Series KVZM550

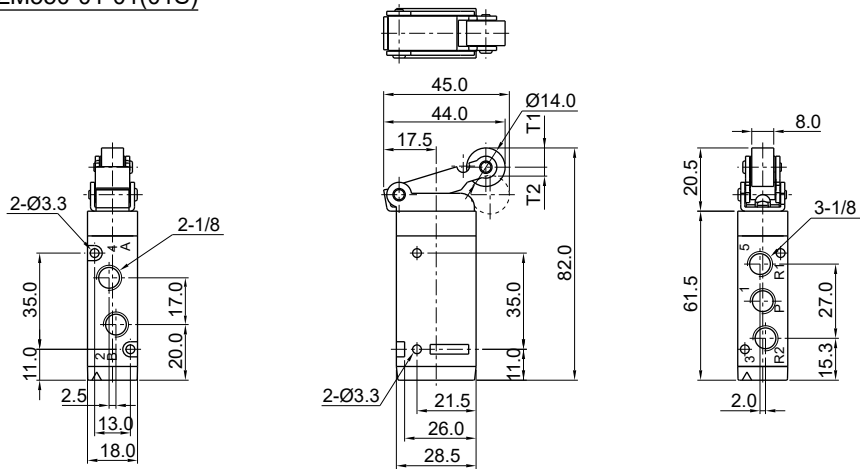
外形尺寸图 Dimensions (mm)

KVZM550-01-00



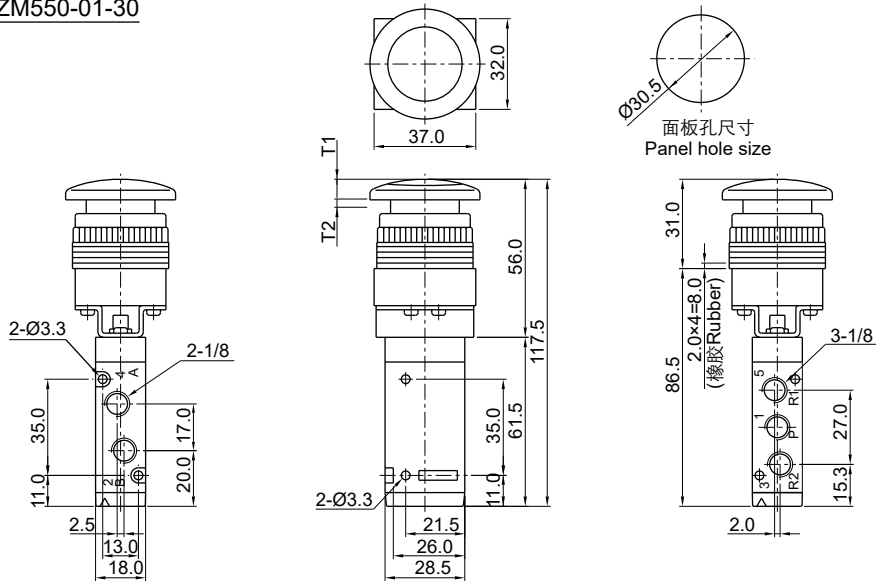
T1	有效作用距离 Valid operation distance	3.0 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	2.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	2.5 kgf

KVZM550-01-01(01S)



T1	有效作用距离 Valid operation distance	8.5 mm
T2	无效作用距离 Invalid operation distance	2.0 mm
F1	产生有效作用的压力 Pressure for valid operation	1.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	1.5 kgf

KVZM550-01-30



T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.0 kgf

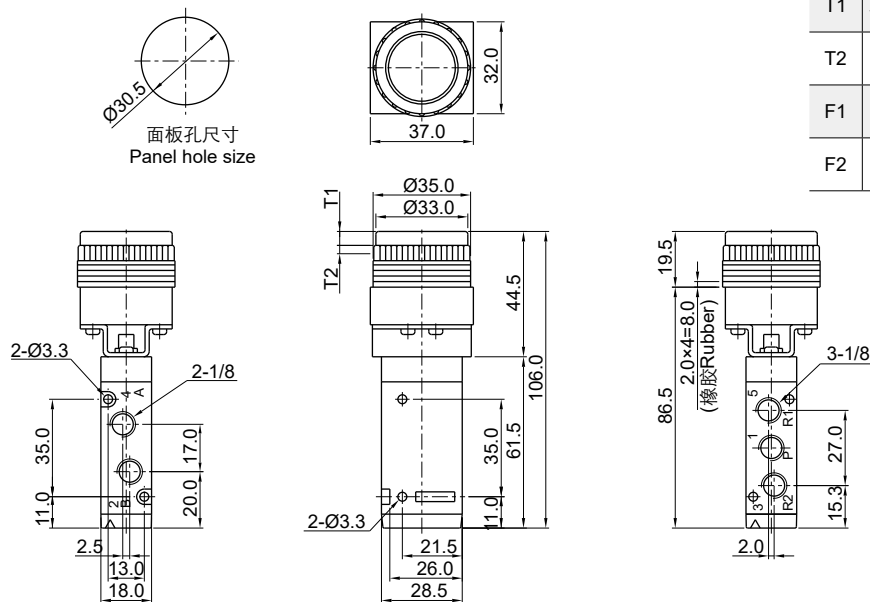
5通机械阀

5-Port Mechanical Valve

Series KVZM550

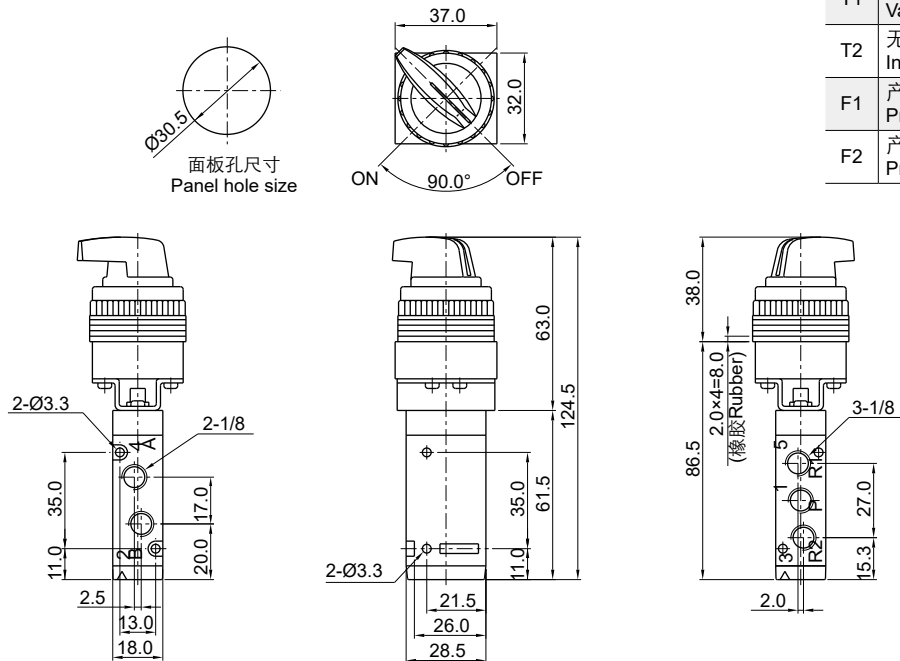
外形尺寸图 Dimensions (mm)

KVZM550-01-33



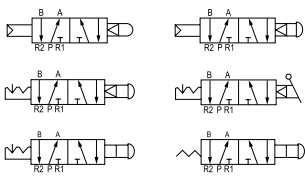
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.0 kgf

KVZM550-01-34



T1	有效作用距离 Valid operation distance	5.0 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.0 kgf

5通机械阀
5-Port Mechanical Valve
Series *KVFM350*



KVFM350-02-00



KVFM350-02-01



KVFM350-02-30



KVFM350-02-33



KVFM350-02-34

规格 Specifications

型号 Model	KVFM350
使用流体 Fluid	过滤压缩空气 Filtered compressed air
接管口径 Port size	Rc(PT)1/4
使用压力范围 Operating pressure range (MPa)	0~0.8
有效截面积 Effective sectional area (mm²)	19.0
环境及流体温度 Ambient and fluid temperature	5~60℃
* 润滑 Lubrication	不需要 Not required

* 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

KVFM 350 - 02 - 01

接管口径
Port size

02	Rc(PT)1/4
----	-----------

驱动机构 Actuator

00	基本 Basic
01	滚轮杠杆 Roller lever
01-S	硬钢滚轮杠杆 Bearing steel roller lever
30	按钮 (蘑菇型) Push button (mushroom)
33	按钮 (平型) Push button (flat)
34	旋转选择 (2 位) Rotary selector (2-position)

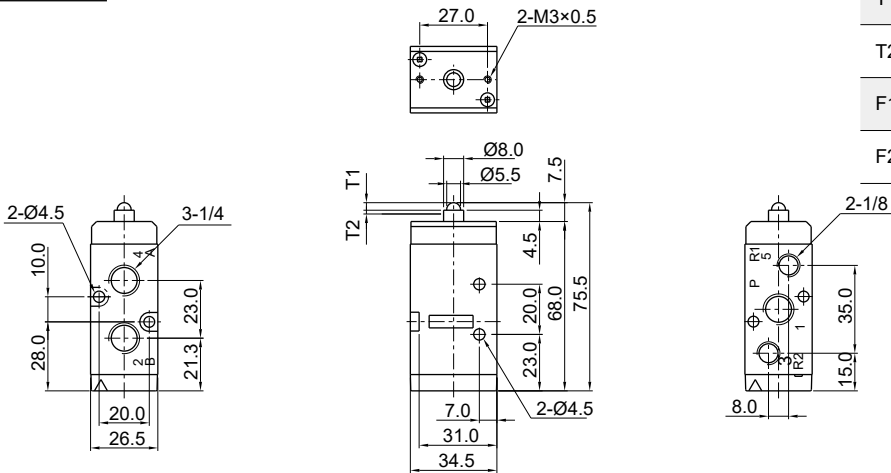
5通机械阀

5-Port Mechanical Valve

Series KVFM350

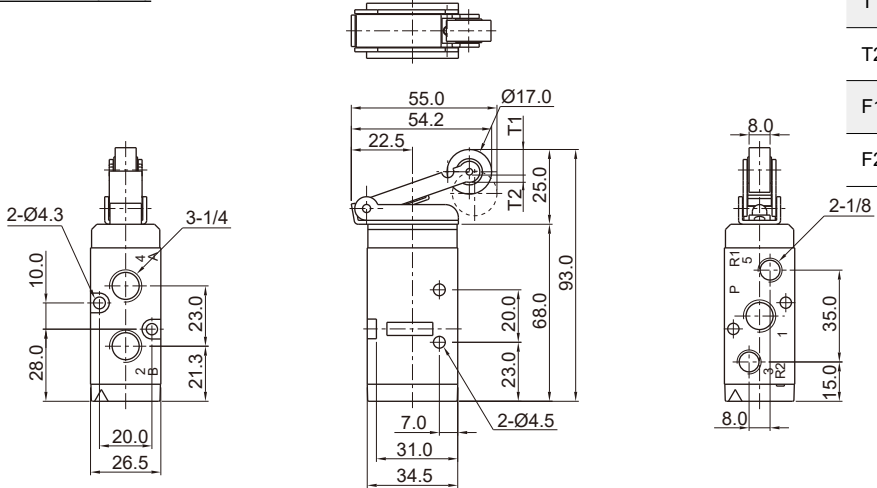
外形尺寸图 Dimensions (mm)

KVFM350-02-00



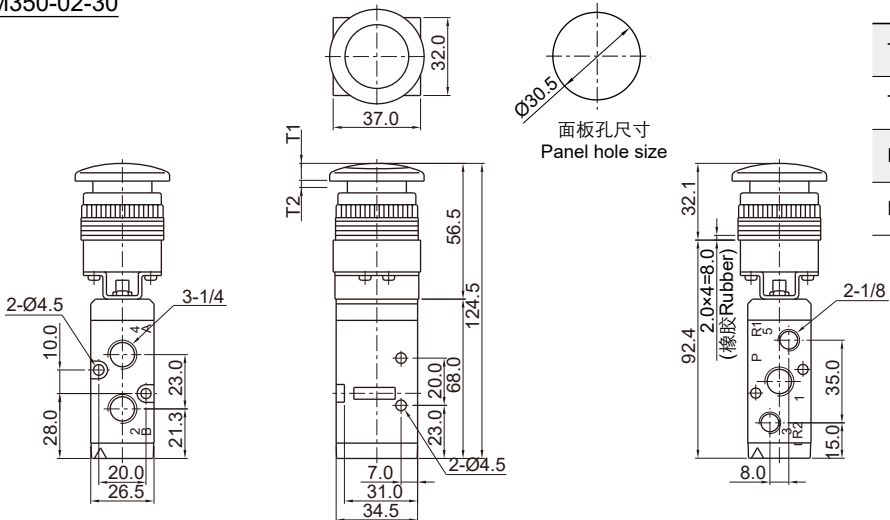
T1	有效作用距离 Valid operation distance	3.6 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	3.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	3.5 kgf

KVFM350-02-01(01S)



T1	有效作用距离 Valid operation distance	9.0 mm
T2	无效作用距离 Invalid operation distance	3.0 mm
F1	产生有效作用的压力 Pressure for valid operation	1.5 kgf
F2	产生无效作用的压力 Pressure for invalid operation	1.5 kgf

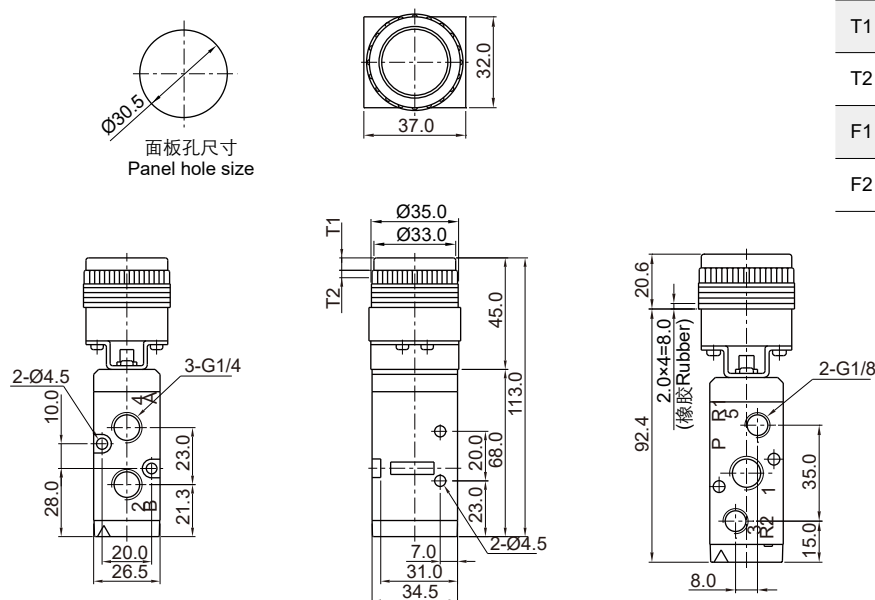
KVFM350-02-30



T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	4.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	4.0 kgf

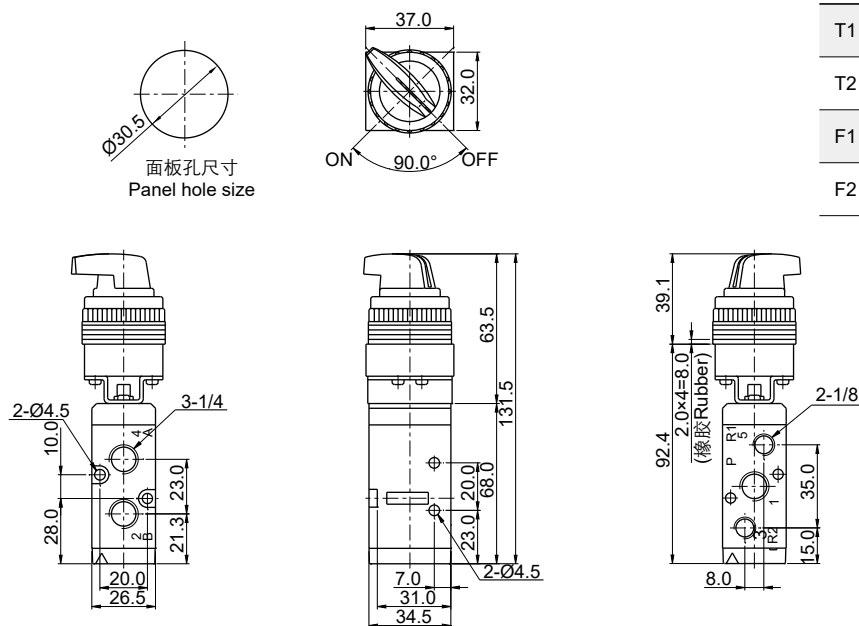
外形尺寸图 Dimensions (mm)

KVFM350-02-33



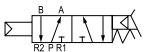
T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	4.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	4.0 kgf

KVFM350-02-34



T1	有效作用距离 Valid operation distance	5.5 mm
T2	无效作用距离 Invalid operation distance	1.0 mm
F1	产生有效作用的压力 Pressure for valid operation	4.0 kgf
F2	产生无效作用的压力 Pressure for invalid operation	4.0 kgf

5通脚踏板机械阀 5-Port Foot Treadle Operated Valve Series **KVFM350-40**



KVFM350-02-40

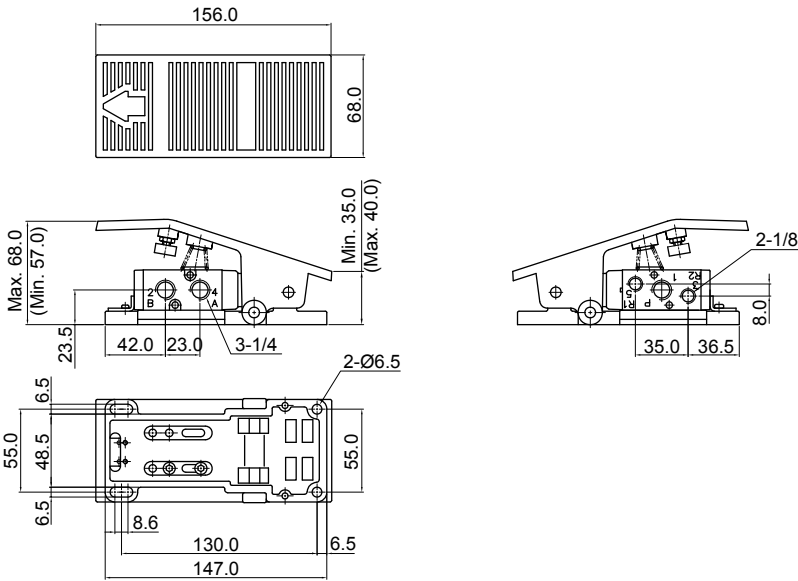
规格 Specifications

型号 Model	KVFM350-02-40	KVFM350-03-40
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
使用压力范围 Operating pressure range (MPa)	0.15~0.8	
有效截面积 Effective sectional area (mm ²)	19.0	35.0
环境及流体温度 Ambient and fluid temperature	5~60℃	
* 润滑 Lubrication	不需要 Not required	

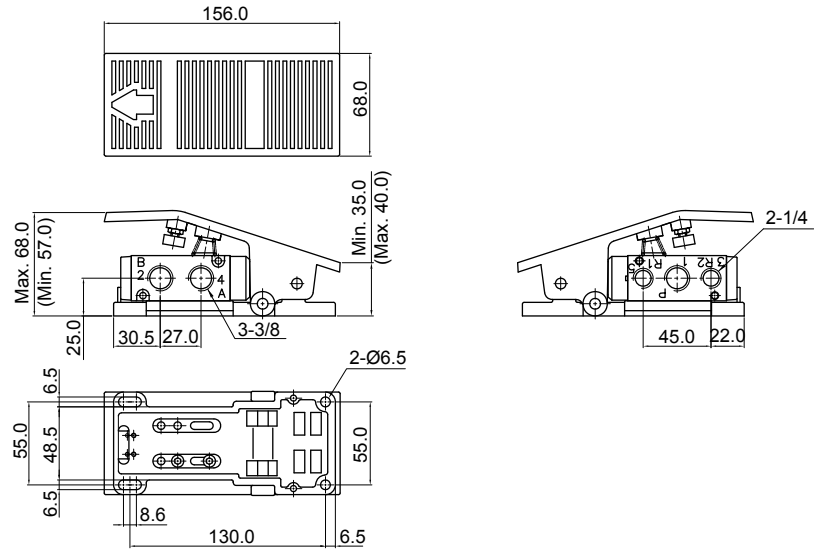
* 如需润滑请使用透平 1 号油 ISO VG32#。Please use 1st Grade Turbine Oil ISO VG32# if necessary.

外形尺寸图 Dimensions (mm)

KVFM350-02-40

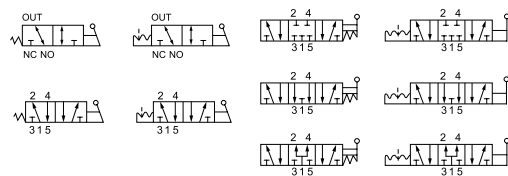


KVFM350-03-40





手动阀 Hand Valve Series KLV



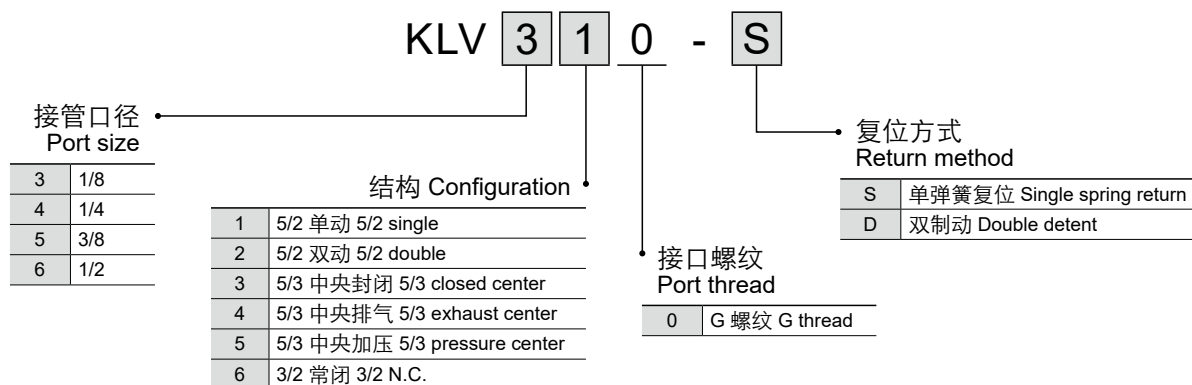
KLV410-S

规格 Specifications

型号 Model	KLV300	KLV400	KLV500	KLV600
结构 Configuration	2 位 5 通, 3 位 5 通 5/2, 5/3-way	2 位 5 通, 3 位 5 通, 2 位 3 通 5/2, 5/3, 3/2-way	2 位 5 通, 3 位 5 通 5/2, 5/3-way	2 位 5 通, 3 位 5 通 5/2, 5/3-way
使用流体 Fluid	过滤压缩空气 Filtered compressed air			
接管口径 Port size	G1/8	G1/4	G3/8	G1/2
使用压力范围 Operating pressure range (MPa)	0~0.8			
有效截面积 Effective sectional area (mm ²)	13.5	18.0	35.0	90.0
环境及流体温度 Ambient and fluid temperature	5~60°C			
* 润滑 Lubrication	不需要 Not required			

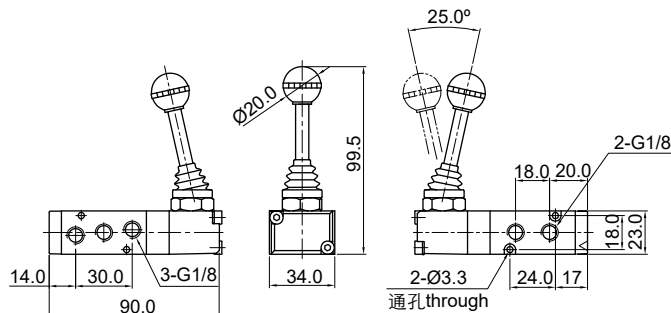
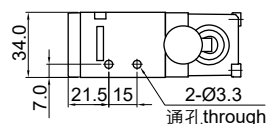
* 如需润滑请使用透平 1 号油 ISO VG32#. Please use 1st Grade Turbine Oil ISO VG32# if necessary.

型号表示方法 How to Order

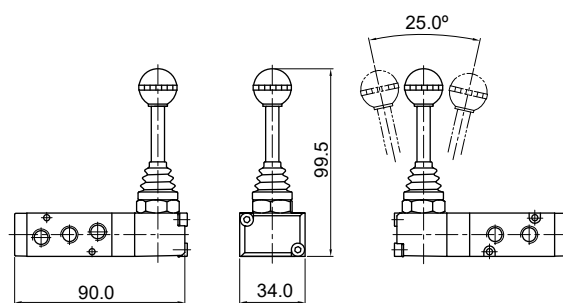


外形尺寸图 Dimensions (mm)

KLV310-S/ KLV320-D



KLV33(4, 5)0-S(D)



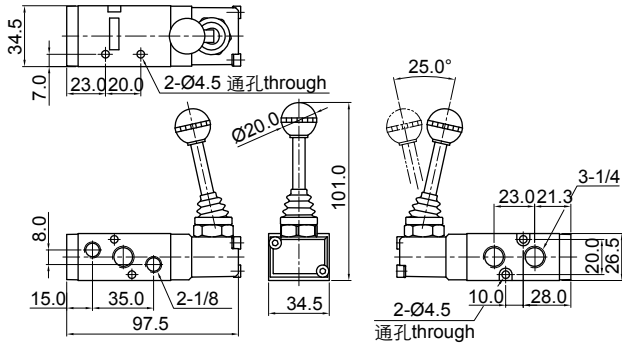
手动阀

Hand Valve

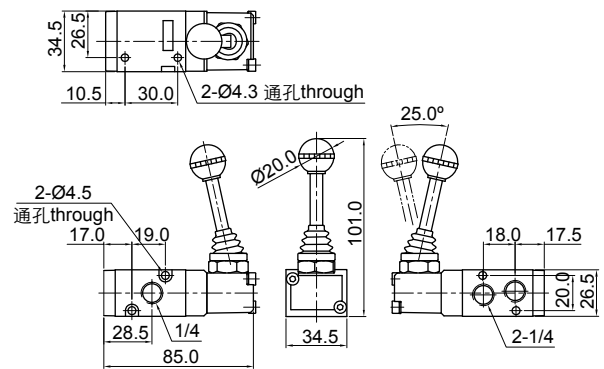
Series *KL*V

外形尺寸图 Dimensions (mm)

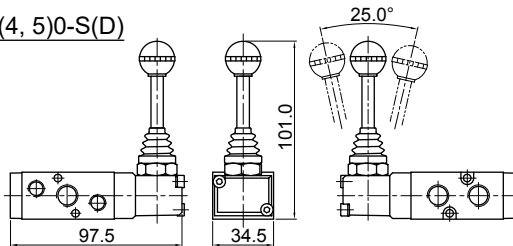
KLV410-S/ KLV420-D



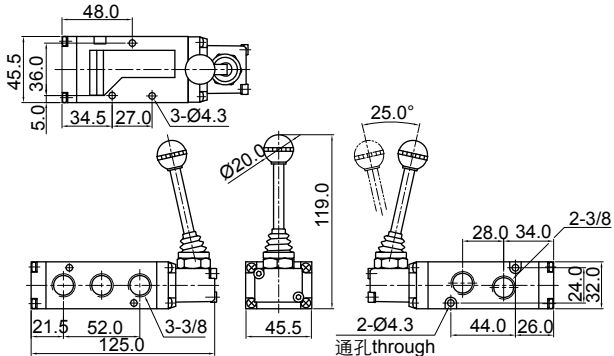
KLV460-S(D)



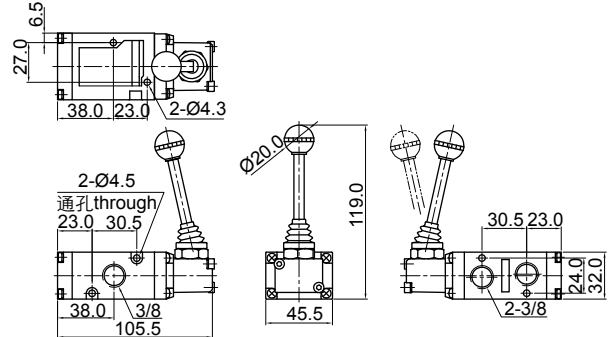
KLV43(4, 5)0-S(D)



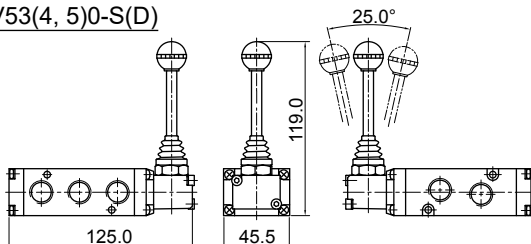
KLV510-S/ KLV520-D



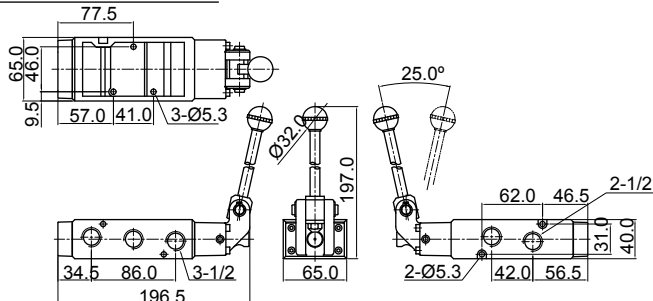
KLV560-S(D)



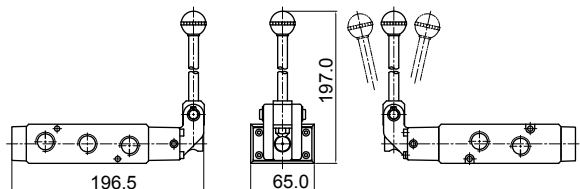
KLV53(4, 5)0-S(D)



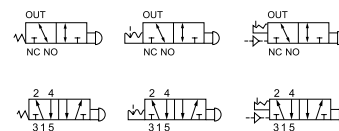
KLV610-S/ KLV620-D



KLV63(4, 5)0-S(D)



手动阀 Hand Valve Series KMV



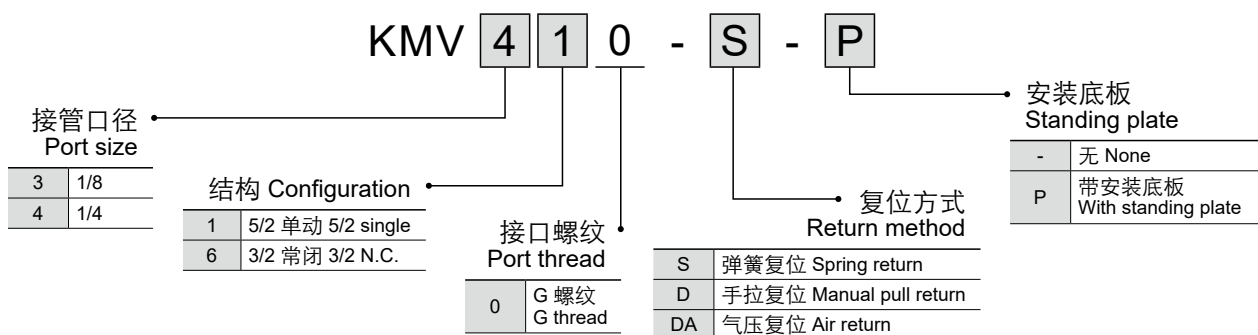
KMV460-D

规格 Specifications

型号 Model	KMV300	KMV400
结构 Configuration	2位5通, 5/2-way	2位5通, 2位3通 5/2, 3/2-way
使用流体 Fluid	过滤压缩空气 Filtered compressed air	
接管口径 Port size	G1/8	G1/4
使用压力范围 Operating pressure range (MPa)	0~0.8	
有效截面积 Effective sectional area (mm ²)	13.5	18.0
环境及流体温度 Ambient and fluid temperature	5~60°C	
* 润滑 Lubrication	不需要 Not required	

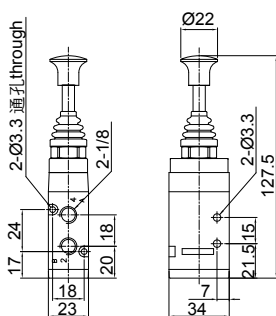
* 如需润滑请使用透平 1 号油 ISO VG32#. Please use 1st Grade Turbine Oil ISO VG32# if necessary.

型号表示方法 How to Order

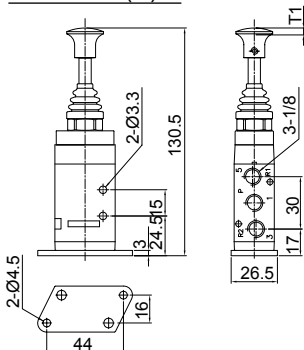


外形尺寸图 Dimensions (mm)

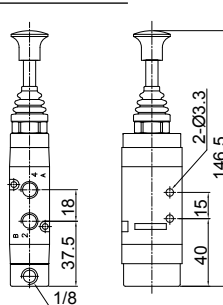
KMV310-S(D)



KMV310-S(D)-P

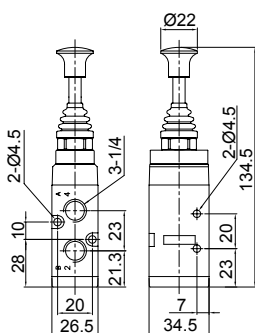


KMV310-DA

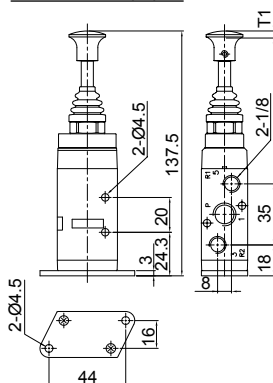


项目 Item	KMV310-S	KMV310-D
T1	4.0 mm	4.0 mm
F1	4.5 kgf	2.0 kgf

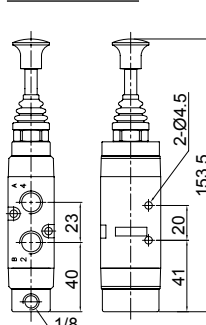
KMV410-S(D)



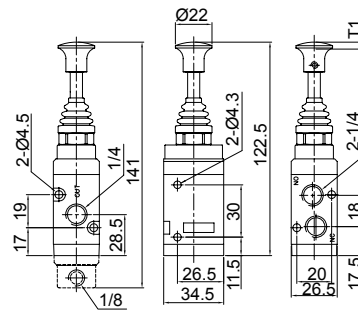
KMV410-S(D)-P



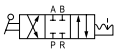
KMV410-DA



KMV460-S(D, DA)



4通手动阀
4-Port Hand Valve
Series 4HV

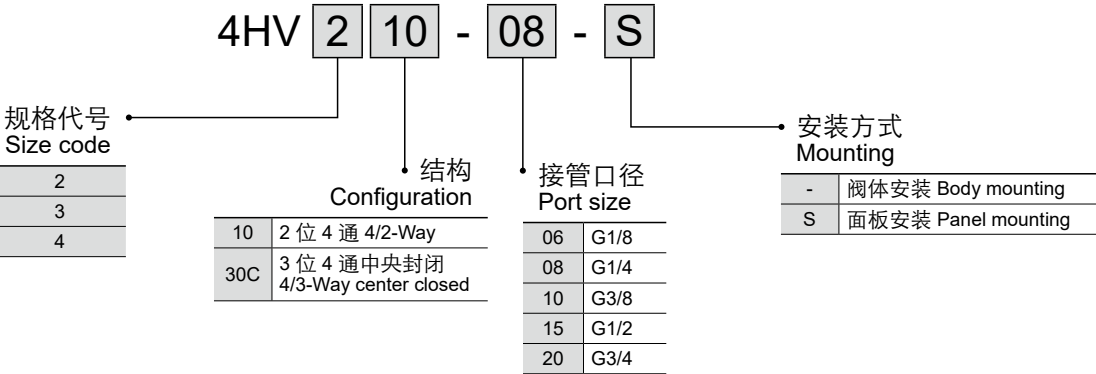


4HV230C-08

规格 Specifications

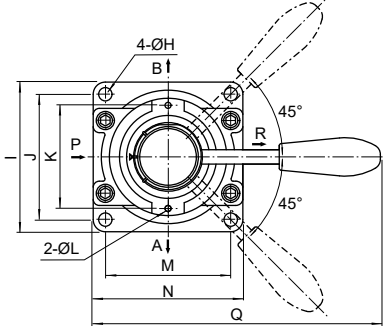
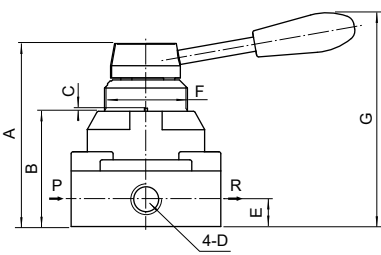
型号 Model	4HV2*-06	4HV2*-08	4HV3*-08	4HV3*-10	4HV4*-15	4HV4*-20
使用流体 Fluid	过滤压缩空气 Filtered compressed air					
接管口径 Port size	G1/8	G1/4	G1/4	G3/8	G1/2	G3/4
有效截面积 Effective sectional area (mm ²)	14 (CV=0.78)	16 (CV=0.89)	30 (CV=1.67)	33 (CV=1.83)	88 (CV=4.89)	95 (CV=5.27)
使用压力范围 Operating pressure range	0~1.0 MPa					
保证耐压力 Proof pressure	1.5 MPa					
环境及流体温度 Ambient and fluid temperature	0~60℃					
工作角度 Operating angle	90°					

型号表示方法 How to Order

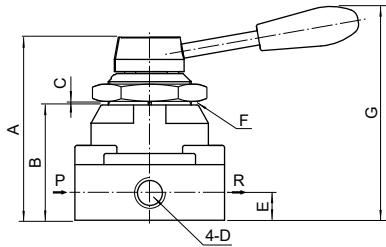


外形尺寸图 Dimensions (mm)

4HV*-*



4HV*-*-S



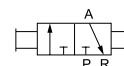
型号 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Q
4HV2*-06(08)	73	45	1.5	G1/8 (G1/4)	11.5	M34x1.5	92.5	5.5	62	49	40	3	49	62	120
4HV3*-08(10)	88.5	56	1.5	G1/4 (G3/8)	13.5	M40x1.5	104	6.6	74	62	51	3	62	74	140
4HV4*-15(20)	110.3	72	2	G1/2 (G3/4)	18	M52x1.5	132	6.6	102	89	64	3	81	94	175



手滑阀

Hand Slide Valve

Series HSV



规格 Specifications

型号 Model	HSV06	HSV08	HSV10	HSV15	HSV20	HSV25
结构 Configuration	2 位 3 通 3/2-way					
使用流体 Fluid	过滤压缩空气 Filtered compressed air					
接管口径 Port size Rc (PT)	1/8	1/4	3/8	1/2	3/4	1
有效截面积 Effective sectional area (mm ²)	23 (CV=1.28)	40 (CV=2.2)	62 (CV=3.5)	140 (CV=7.8)	250 (CV=13.8)	392 (CV=21.78)
使用压力范围 Operating pressure range	0~1.0 MPa					
保证耐压力 Proof pressure	1.5 MPa					
环境及流体温度 Ambient and fluid temperature	-20~70℃					
本体材质 Body material	铝合金 Aluminium alloy					

型号表示方法 How to Order

HSV 08 SS

接管口径
Port size

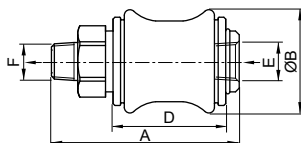
06	1/8
08	1/4
10	3/8
15	1/2
20	3/4
25	1

安装方式
Mounting

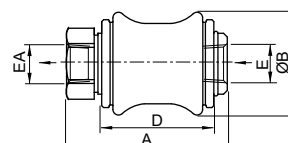
-	标准 Standard
FF	双内螺纹 Female thread both
SF	外内螺纹 Male and female thread
SS	双外螺纹 Male thread both

外形尺寸图 Dimensions (mm)

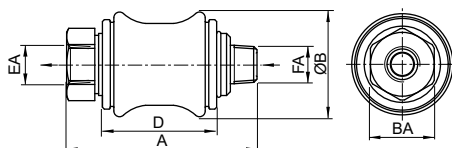
HSV*



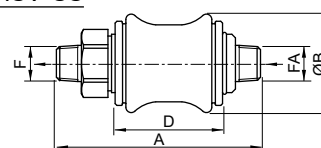
HSV*FF



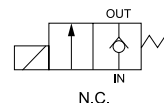
HSV*Sf



HSV*SS



型号 Model	A				B	BA	D	E	EA	F	FA
	-	FF	SF	SS							
HSV06	50	43	50	57	27.5	17	30	1/8	1/8	1/8	1/8
HSV08	58	47	58	69	30	19	32.5	1/4	1/4	1/4	1/4
HSV10	68.5	55.5	68.5	81.5	35.5	22	39	3/8	3/8	3/8	3/8
HSV15	85.5	70.5	85.5	100.5	44	30	50	1/2	1/2	1/2	1/2
HSV20	96.5	79.5	96.5	113.5	53.5	36	58	3/4	3/4	3/4	3/4
HSV25	114.5	96.5	114.5	132.5	65.5	44	70	1	1	1	1



KAB21H-02-2-V-C-AC220V

规格 Specifications

型号 Model	KAB21H
动作切换 Actuation	直动常闭 Direct operated N.C.
使用流体 Fluid	空气, 水, 瓦斯, 轻油等 Air, water, gas, light oil, etc.
接管口径 Port size	G1/8~G1
使用压力范围 Operating pressure range (MPa)	0~10
阀体材质 Body material	铜, 不锈钢 SS304 Brass, stainless steel SS304
密封材质 Seal material	丁腈橡胶 NBR, 氟橡胶 VITON
环境温度 Ambient temperature	0~65°C
流体温度 Fluid temperature	丁腈橡胶 NBR: 0~80°C, 氟橡胶 VITON: 0~120°C
* 额定电压 Rated Voltage	AC220V, DC24V
容许电压波动范围 Permissible voltage variation	±10% 额定电压 ±10% of rated voltage
安装要求 Mounting requirements	线圈向上, 阀体水平 Coil upwards, body horizontally

* 其他电压可定制。Other voltage can be customized.

型号 Model	接管口径 Port size	通孔直径 Orifice (mm)	Cv	最低压差 Min. differential pressure (MPa)	最高压差 Max. differential pressure (MPa)				功率 Power	
					空气, 水 Air, water		轻油 Light oil (≤ 20CST)		VA	W
					AC	DC	AC	DC	AC	DC
KAB21H-01-1	G1/8	1	0.04	0	10	7.5	10	7.5	24	18.5
KAB21H-01-C1		1.2	0.05	0	9	7	9	7		
KAB21H-01-C2		1.5	0.08	0	7.5	5	7.5	5		
KAB21H-01-2		2	0.14	0	3.5	3	3.5	3		
KAB21H-01-C3		2.5	0.23	0	2	1.5	2	1.5		
KAB21H-02-1	G1/4	1	0.04	0	10	7.5	10	7.5	24	18.5
KAB21H-02-C1		1.2	0.05	0	9	7	9	7		
KAB21H-02-C2		1.5	0.08	0	7.5	5	7.5	5		
KAB21H-02-2		2	0.14	0	3.5	3	3.5	3		
KAB21H-02-C3		2.5	0.23	0	2	1.5	2	1.5		
KAB21H-02-8	G3/8	8	1.0	0.05	9	7	7	5	35	35
KAB21H-03-8		8	1.2	0.05	9	7	7	5		
KAB21H-03-15		15	4.2	0.1	7.5	5.5	5.5	3.5		
KAB21H-04-8	G1/2	8	1.2	0.05	9	7	7	5	35	35
KAB21H-04-15		15	4.2	0.1	7.5	5.5	5.5	3.5		
KAB21H-06-20	G3/4	20	7	0.1	6.5	5	5	3	33	25
KAB21H-08-25	G1	25	11	0.1	5.5	4.5	4.5	3		

型号表示方法 How to Order

KAB21H - 01 - 1 - V - C - AC220V										
接管口径 Port size		通孔直径 Orifice		密封材料 Seal material		阀体材料 Body material		额定电压 Rated voltage		
01	G1/8	1	1 mm	N	丁腈橡胶 NBR	C	铜 Brass	AC220V		
02	G1/4	C1	1.2 mm	V	氟橡胶 VITON	S	不锈钢 SS304	DC24V		
03	G3/8	C2	1.5 mm							
04	G1/2	2	2 mm							
06	G3/4	C3	2.5 mm							
08	G1	8	8 mm							
		15	15 mm							
		20	20 mm							
		25	25 mm							

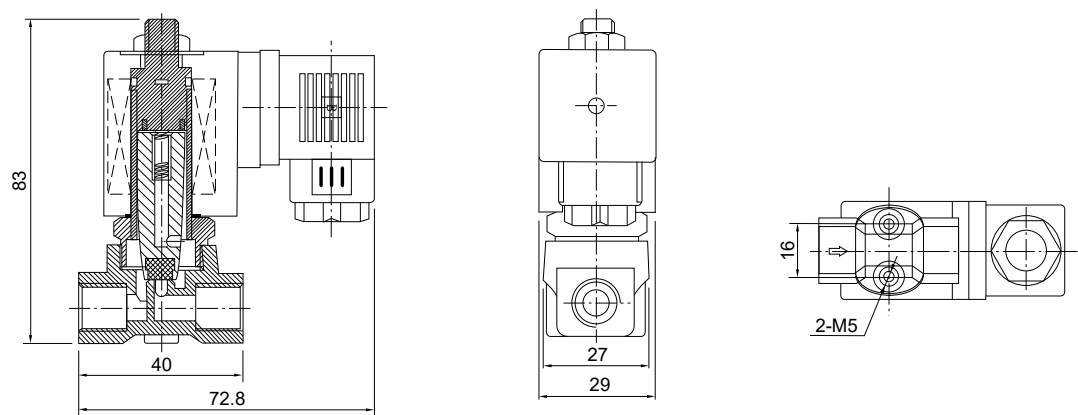
高压2通电磁阀

2-Port High Pressure Solenoid Valve

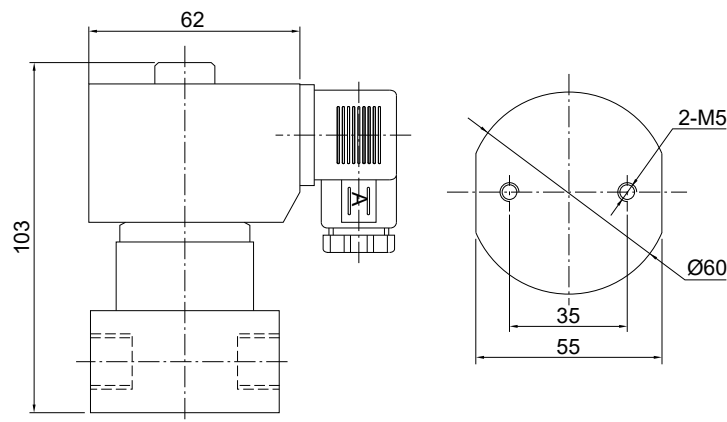
Series **KAB21H**

外形尺寸图 Dimensions (mm)

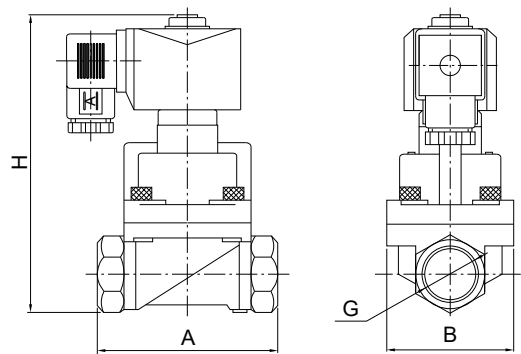
KAB21H-01(02)-1(C1, C2, 2, C3)



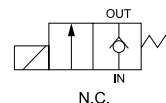
KAB21H-02(03, 04)-8



KAB21H-03(04)-15/ KAB21H-06-20/ KAB21H-08-25



型号 Model	G	A	B	H
KAB21H-03-15	G3/8	75	52	130
KAB21H-04-15	G1/2			
KAB21H-06-20	G3/4	80	60	141
KAB21H-08-25	G1	100	70	148



KBS08XC-5-V-S-D-AC220V

规格 Specifications

型号 Model	KBS
动作切换 Actuation	直动常闭 Direct operated N.C.
使用流体 Fluid	空气, 水, 热水, 瓦斯, 轻油等 Air, water, hot water, gas, light oil, etc.
接管口径 Port size	G1/8~G1/2
使用压力范围 Operating pressure range (MPa)	0~1.3
阀体材质 Body material	铜, 不锈钢 SS316 Brass, stainless steel SS316
密封材质 Seal material	丁腈橡胶 NBR, 氟橡胶 VITON, 乙丙橡胶 EPDM
环境温度 Ambient temperature	0~65°C
流体温度 Fluid temperature	丁腈橡胶 NBR: 0~80°C, 氟橡胶 VITON: 0~120°C, 乙丙橡胶 EPDM: 0~130°C
额定电压 Rated Voltage	AC24V, AC110V, AC220V, DC12V, DC24V
容许电压波动范围 Permissible voltage variation	±10% 额定电压 ±10% of rated voltage
安装要求 Mounting requirements	任意 (在动作压力差范围内) Free (within differential operating pressure range)

* 型号 Model	接管口径 Port size	通孔直径 Orifice (mm)	Cv	最低压差 Min. differential pressure (MPa)	最高压差 Max. differential pressure (MPa)				功率 Power	
					空气, 水 Air, water		轻油 Light oil (≤ 20CST)		VA	W
					AC	DC	AC	DC	AC	DC
KBS06XC-3	G1/8	3	0.23	0	1.3	1.3	1	1	22	13
KBS06XC-5		5	0.65	0	0.4	0.25	0.25	0.2		
KBS06XC-6		6	0.8	0	0.3	0.2	0.25	0.2		
KBS08XC-3	G1/4	3	0.23	0	1.3	1.3	1	1		
KBS08XC-5		5	0.65	0	0.4	0.25	0.25	0.2		
KBS08XC-6		6	0.8	0	0.3	0.2	0.25	0.2		
KBS10XC-5	G3/8	5	0.65	0	0.4	0.25	0.25	0.2		
KBS10XC-6		6	0.8	0	0.3	0.2	0.25	0.2		
KBS15XC-5	G1/2	5	0.65	0	0.4	0.25	0.25	0.2		
KBS15XC-6		6	0.8	0	0.3	0.2	0.25	0.2		

* 可选择防爆等级 ExmIIT4 的防爆线圈。Explosion-proof connector of Grade ExmIIT4 is available.

型号表示方法 How to Order

<

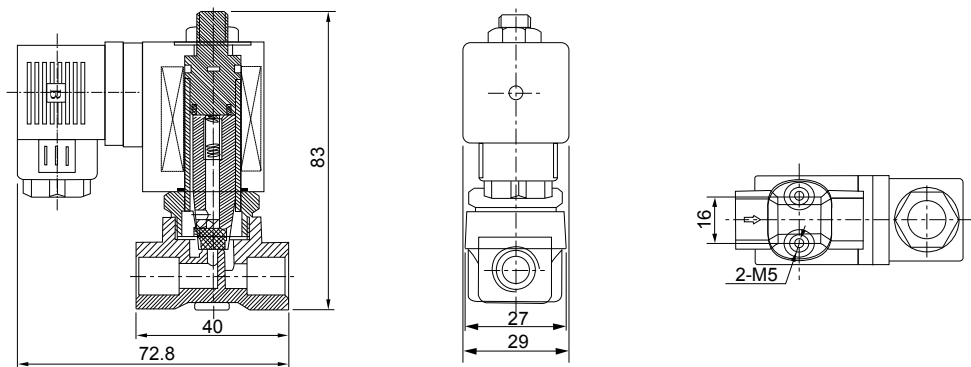
直动型2通电磁阀

2-Port Direct Operated Solenoid Valve

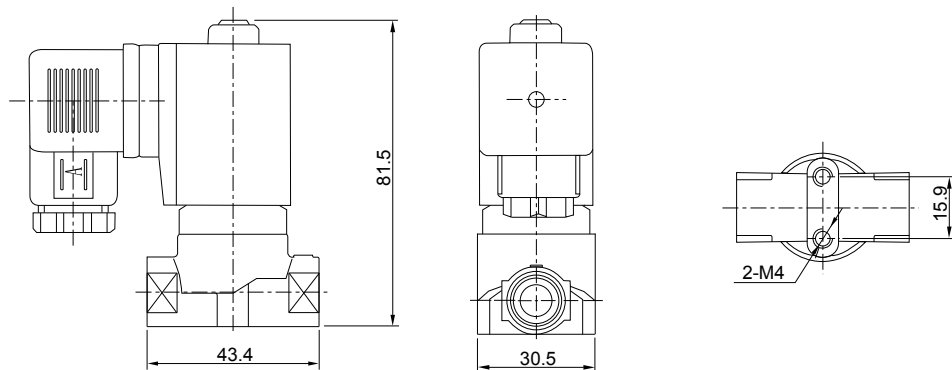
Series *KBS*

外形尺寸图 Dimensions (mm)

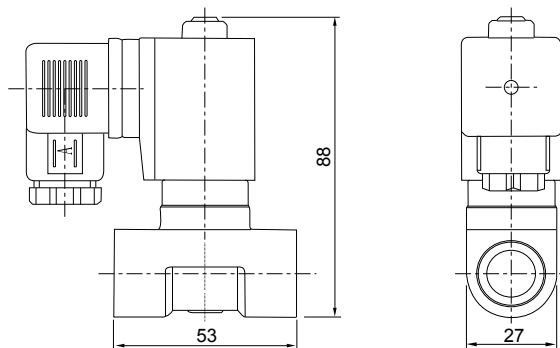
KBS06(08)XC-3



KBS06(08)XC-5(6)

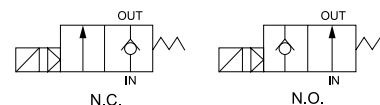


KBS10(15)XC-5(6)



ARK

先导型零压差启动2通电磁阀 2-Port Zero Differential Pressure Pilot Operated Solenoid Valve Series **KWK**



KWK10XC-16-V-C-D-AC220V

规格 Specifications

型号 Model	KWK
动作切换 Actuation	先导零压差启动常闭 / 常开 Zero differential pressure pilot operated N.C./ N.O.
使用流体 Fluid	空气, 水, 热水, 瓦斯, 轻油等 Air, water, hot water, gas, light oil, etc.
接管口径 Port size	G3/8~G2
使用压力范围 Operating pressure range (MPa)	0~1.0
阀体材质 Body material	铜, 不锈钢 SS304 Brass, stainless steel SS304
密封材质 Seal material	丁腈橡胶 NBR, 氟橡胶 VITON, 乙丙橡胶 EPDM
环境温度 Ambient temperature	0~65°C
流体温度 Fluid temperature	丁腈橡胶 NBR: 0~80°C, 氟橡胶 VITON: 0~120°C, 乙丙橡胶 EPDM: 0~130°C
额定电压 Rated Voltage	AC24V, AC110V, AC220V, DC12V, DC24V
容许电压波动范围 Permissible voltage variation	±10% 额定电压 ±10% of rated voltage
安装要求 Mounting requirements	任意 (在动作压力差范围内) Free (within differential operating pressure range)

* 型号 Model	接管口径 Port size	通孔直径 Orifice (mm)	Cv	最低压差 Min. differential pressure (MPa)	* 最高压差 Max. differential pressure (MPa)				* 功率 Power	
					空气, 水 Air, water		轻油 Light oil (≤ 20CST)		VA	W
					AC	DC	AC	DC	AC	DC
KWK10XC-16(-NO)	G3/8	16	4.8	0	1(0.5)	0.6(0.5)	0.7(0.3)	0.4(0.3)	33	20
KWK15XC-16(-NO)	G1/2	16	4.8	0						
KWK20XC-20(-NO)	G3/4	20	7.6	0						
KWK25XC-25(-NO)	G1	25	12	0						
KWK32XC-32(-NO)	G1 1/4	32	24	0					57(70)	45(55)
KWK40XC-40(-NO)	G1 1/2	40	29	0						
KWK50XC-50(-NO)	G2	50	48	0						

* () 内为常开型的数值。 () present the figures of normally open style.

型号表示方法 How to Order

KWK 10 XC - 16 - V - C - D - AC220V - NO

接管口径
Port size

10	G3/8
15	G1/2
20	G3/4
25	G1
32	G1 1/4
40	G1 1/2
50	G2

通孔直径
Orifice

16	16 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm

密封材料
Seal material

N	丁腈橡胶 NBR
V	氟橡胶 VITON
E	乙丙橡胶 EPDM

阀体材料
Body material

C	铜 Brass
S	不锈钢 SS304 Stainless steel SS304

额定电压
Rated voltage

AC24V
AC110V
AC220V
DC12V
DC24V

阀形式
Valve type

-	常闭型 Normally closed
NO	常开型 Normally open

接电方式
Electrical entry

G	直接出线 Grommet with flying leads
D	DIN 插座 DIN connector

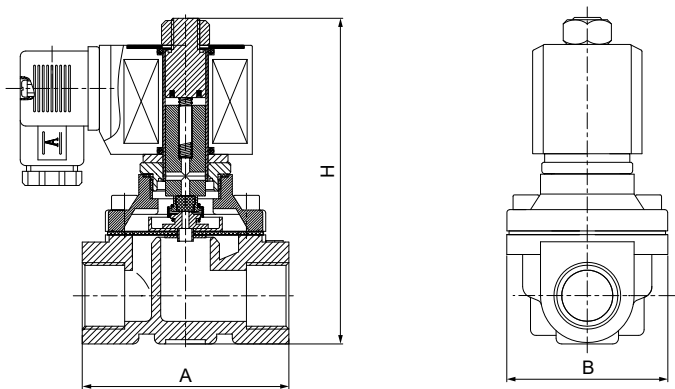
先导型零压差启动2通电磁阀

2-Port Zero Differential Pressure Pilot Operated Solenoid Valve

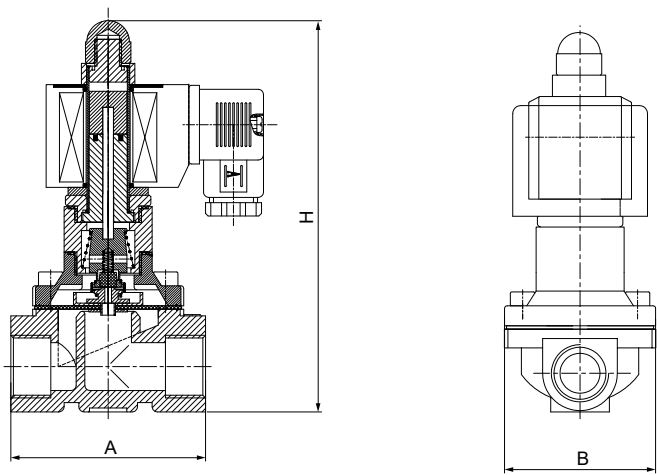
Series *KWK*

外形尺寸图 Dimensions (mm)

常闭型 N.C.



常开型 N.O.

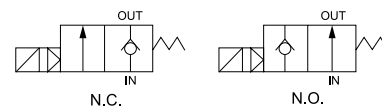


* 型号 Model	接管口径 Port size	A	B	*H
KWK10XC-16(-NO)	G3/8	69	57	106(135)
KWK15XC-16(-NO)	G1/2			
KWK20XC-20(-NO)	G3/4	73	57	114(142)
KWK25XC-25(-NO)	G1	99	77.5	121(150)
KWK32XC-32(-NO)	G1 1/4	112	86.5	150(180)
KWK40XC-40(-NO)	G1 1/2	123	94	160(190)
KWK50XC-50(-NO)	G2	168	123	183(216)

* () 内为常开型的数值。 () present the figures of normally open style.

ARK

先导型2通电磁阀 2-Port Pilot Operated Solenoid Valve Series **KGD**



KGD15XC-13-V-C-D-AC220V

规格 Specifications

型号 Model	KGD
动作切换 Actuation	先导型常闭 / 常开 Pilot operated N.C. / N.O.
使用流体 Fluid	空气, 水, 热水, 瓦斯, 轻油等 Air, water, hot water, gas, light oil, etc.
接管口径 Port size	G3/8~G2
使用压力范围 Operating pressure range (MPa)	0.05~1.6
阀体材质 Body material	铜, 不锈钢 SS316 Brass, stainless steel SS316
密封材质 Seal material	丁腈橡胶 NBR, 氟橡胶 VITON, 乙丙橡胶 EPDM
环境温度 Ambient temperature	0~65°C
流体温度 Fluid temperature	丁腈橡胶 NBR: 0~80°C, 氟橡胶 VITON: 0~120°C, 乙丙橡胶 EPDM: 0~130°C
额定电压 Rated Voltage	AC24V, AC110V, AC220V, DC12V, DC24V
容许电压波动范围 Permissible voltage variation	±10% 额定电压 ±10% of rated voltage
安装要求 Mounting requirements	任意 (在动作压力差范围内) Free (within differential operating pressure range)

* 型号 Model	接管口径 Port size	通孔直径 Orifice (mm)	Cv	最低压差 Min. differential pressure (MPa)	* 最高压差 Max. differential pressure (MPa)				* 功率 Power	
					空气, 水 Air, water		轻油 Light oil (≤ 20CST)		VA	W
					AC	DC	AC	DC	AC	DC
KGD10XC-13(-NO)	G3/8	13	4.5	0.05	1.6(1.3)	1.6(1.3)	1.3(0.8)	1.3(0.8)	22(33)	13(20)
KGD15XC-13(-NO)	G1/2	13	4.5	0.05						
KGD20XC-20(-NO)	G3/4	20	7.6	0.05						
KGD25XC-25(-NO)	G1	25	12	0.05	1.6(0.8)	1.6(0.8)	1.3(0.8)	1.3(0.8)	22(33)	13(20)
KGD32XC-35(-NO)	G1 1/4	35	22	0.05						
KGD40XC-40(-NO)	G1 1/2	40	30	0.05						
KGD50XC-50(-NO)	G2	50	48	0.05						

*() 内为常开型的数值。 () present the figures of normally open style.

型号表示方法 How to Order

KGD 15 XC - 13 - V - C - D - AC220V - NO									
接管口径 Port size		通孔直径 Orifice		密封材料 Seal material		额定电压 Rated voltage		阀形式 Valve type	
10	G3/8	13	13 mm	N	丁腈橡胶 NBR	AC24V		-	常闭型 Normally closed
15	G1/2	20	20 mm	V	氟橡胶 VITON	AC110V		NO	常开型 Normally open
20	G3/4	25	25 mm	E	乙丙橡胶 EPDM	AC220V			
25	G1	35	35 mm			DC12V			
32	G1 1/4	40	40 mm			DC24V			
40	G1 1/2	50	50 mm						
50	G2								
阀体材料 Body material					接电方式 Electrical entry				
C	铜 Brass				G	直接出线 Grommet with flying leads			
S	不锈钢 SS316 Stainless steel SS316				D	DIN 插座 DIN connector			

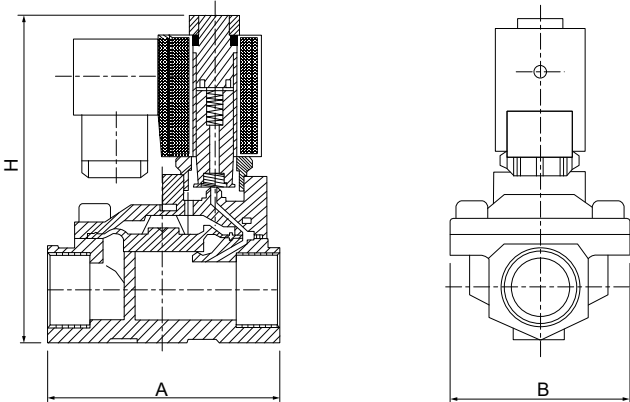
先导型2通电磁阀

2-Port Pilot Operated Solenoid Valve

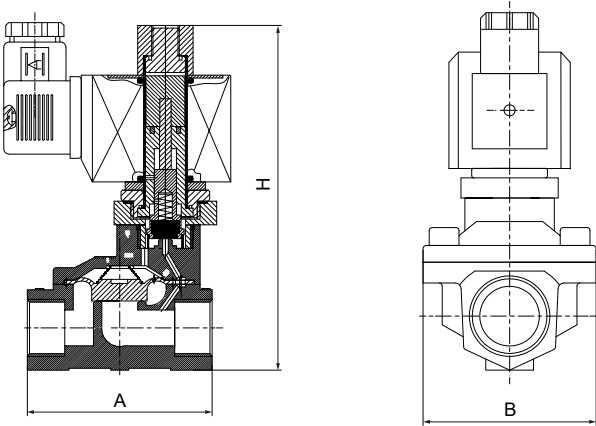
Series *KGD*

外形尺寸图 Dimensions (mm)

常闭型 N.C.



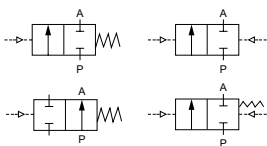
常开型 N.O.



* 型号 Model	接管口径 Port size	A	B	*H
KGD10XC-13(-NO)	G3/8	66	48	107(124)
KGD15XC-13(-NO)	G1/2			
KGD20XC-20(-NO)	G3/4	75	58	112(130)
KGD25XC-25(-NO)	G1	96	70	131(143)
KGD32XC-35(-NO)	G1 1/4	131	96	146(158)
KGD40XC-40(-NO)	G1 1/2			
KGD50XC-50(-NO)	G2	165	120	167(179)

* () 内为常开型的数值。 () present the figures of normally open style.

2通活塞式角座阀
2-Port Externally Controlled
Angle Seat Valve
Series KA

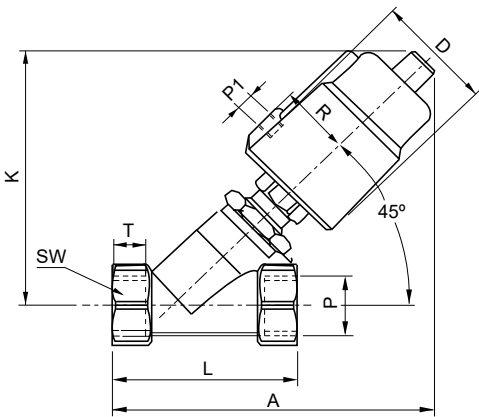


KA15D

规格 Specifications

型号 Model	KA
使用流体 Fluid	水，水蒸汽，中性气体或液体，酒精，油，有机溶剂， 弱酸或弱碱溶液 Water, water steam, neutral gas or liquid, alcohol, oil, organic solvent, weak acid or weak base solution
环境温度 Ambient temperature	-10~60℃
流体温度 Fluid temperature	-10~180℃
密封材质 Seal material	特氟龙 PTFE
阀体材质 Body material	不锈钢 SS316 Stainless steel SS316

外形尺寸图 Dimensions (mm)



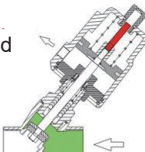
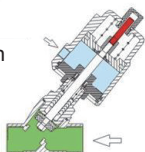
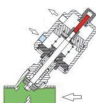
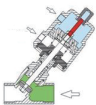
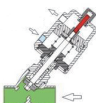
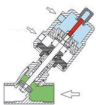
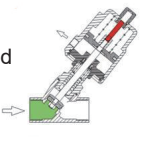
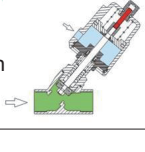
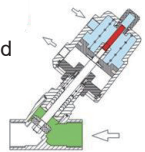
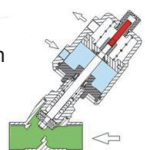
型号 Model	通径 Orifice (mm)	执行器规格 Size of actuator (mm)	A	D	K	L	P	P1	R	SW	T
KA10	13	50	145.5	62	120	74	G3/8	G1/8	34	22	10
KA15	13	50	145.5	62	120	74	G1/2	G1/8	34	25	11.5
KA20	18	50	153	62	124	84	G3/4	G1/8	34	31	14
KA25	24	50	163.5	62	130	100	G1	G1/8	34	39	15
KAX25	24	63	185.5	77	152	100	G1	G1/8	41.5	39	15
KA32	31	63	196	77	160	112	G1 1/4	G1/8	41.5	48	18
KA40	35	63	209	77	168	126	G1 1/2	G1/8	41.5	55	18
KA50	45	63	226	77	180	146	G2	G1/8	41.5	66	22
KAX50	45	80	241	98	195	146	G2	G1/8	52	66	22
KA65	65	80	281	98	220	196	G2 1/2	G1/4	52	85	25
KAX65	65	100	298	121	237	196	G2 1/2	G1/4	63	85	25

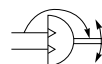
2通活塞式角座阀

2-Port Externally Controlled Angle Seat Valve

Series KA

参数 Specifications

关 Closed  开 Open 		型号 Model		螺纹接管 口径 Threaded port size	焊接管 口径 Welded port size (mm)	通径 Orifice (mm)	Kv (m³/h)	允许压差 范围 Permissible differential pressure range (MPa)	控制压力 Control pressure (MPa)	执行器 规格 Size of actuator (mm)		
		螺纹连接 Threaded connection	焊接连接 Welded connection (ISO1127/ISO4200)									
开 Open  关 Closed 		KA10	KA10-W	G3/8	Ø18.2x3	13	4.7	0~1.6	0.3~1.0	50		
		KA15	KA15-W	G1/2	Ø22.3x2.65	13	4.7	0~1.6	0.3~1.0	50		
		KA20	KA20-W	G3/4	Ø28x4	18	9.5	0~1.6	0.3~1.0	50		
		KA25	KA25-W	G1	Ø35x4.25	24	18.1	0~1.6	0.3~1.0	50		
		KAX25	KAX25-W	G1	Ø35x4.25	24	18.1	0~1.6	0.3~1.0	63		
		KA32	KA32-W	G1 1/4	Ø43.4x4.4	31	23.1	0~1.6	0.3~1.0	63		
		KA40	KA40-W	G1 1/2	Ø51.3x5.4	35	32.9	0~1.6	0.3~1.0	63		
		KA50	KA50-W	G2	Ø64x6.15	45	52.8	0~1.0	0.3~1.0	63		
		KAX50	KAX50-W	G2	Ø64x6.15	45	52.8	0~1.6	0.3~1.0	80		
		KA65	KA65-W	G2 1/2	Ø77.1x6	65	90	0~1.0	0.3~1.0	80		
KAX65	KAX65-W	G2 1/2	Ø77.1x6	65	90	0~1.6	0.3~1.0	100				
单作用常开 Single Acting N.O.												
开 Open  关 Closed 		KA10NO	KA10NO-W	G3/8	Ø18.2x3	13	4.7	0~1.6	0.3~1.0	50		
		KA15NO	KA15NO-W	G1/2	Ø22.3x2.65	13	4.7	0~1.6	0.3~1.0	50		
		KA20NO	KA20NO-W	G3/4	Ø28x4	18	9.5	0~1.6	0.3~1.0	50		
		KA25NO	KA25NO-W	G1	Ø35x4.25	24	18.1	0~1.6	0.35~1.0	63		
		KA32NO	KA32NO-W	G1 1/4	Ø43.4x4.4	31	23.1	0~1.4	0.39~1.0	63		
		KA40NO	KA40NO-W	G1 1/2	Ø51.3x5.4	35	32.9	0~1.1	0.39~1.0	63		
		KA50NO	KA50NO-W	G2	Ø64x6.15	45	52.8	0~0.6	0.39~1.0	63		
		KAX50NO	KAX50NO-W	G2	Ø64x6.15	45	52.8	0~1.2	0.45~1.0	80		
单作用常闭 (防水锤) Single Acting N.C. (Water Hammer Resistant)												
关 Closed  开 Open 		KA10H	KA10H-W	G3/8	Ø18.2x3	13	4.7	0~1.6	0.45~1.0	50		
		KA15H	KA15H-W	G1/2	Ø22.3x2.65	13	4.7	0~1.6	0.45~1.0	50		
		KA20H	KA20H-W	G3/4	Ø28x4	18	9.5	0~1.2	0.45~1.0	50		
		KA25H	KA25H-W	G1	Ø35x4.25	24	18.1	0~1.0	0.45~1.0	63		
		KA32H	KA32H-W	G1 1/4	Ø43.4x4.4	31	23.1	0~0.6	0.45~1.0	63		
		KAX32H	KAX32H-W	G1 1/4	Ø43.4x4.4	31	23.1	0~1.2	0.4~1.0	80		
		KA40H	KA40H-W	G1 1/2	Ø51.3x5.4	35	32.9	0~1.0	0.4~1.0	80		
		KAX40H	KAX40H-W	G1 1/2	Ø51.3x5.4	35	32.9	0~1.6	0.4~1.0	100		
KA50H	KA50H-W	G2	Ø64x6.15	45	52.8	0~0.6	0.4~1.0	80				
KAX50H	KAX50H-W	G2	Ø64x6.15	45	52.8	0~1.0	0.4~1.0	100				
双作用常闭 (带弹簧) Double Acting N.C. (With Spring)/ 双作用自由 (无弹簧) Double Acting Free (Without Spring)												
型号 Model		螺纹接管 口径 Threaded port size	焊接管 口径 Welded port size (mm)	通径 Orifice (mm)	Kv (m³/h)	允许压差 范围 Permissible differential pressure range (MPa)	控制压力 Control pressure (MPa)		执行器 规格 Size of actuator (mm)			
螺纹连接 Threaded connection	焊接连接 Welded connection (ISO1127/ISO4200)						带弹簧 With spring	自由 无弹簧 Free without spring				
带弹簧 With spring	自由 无弹簧 Free without spring						带弹簧 With spring	自由无弹簧 Free without spring				
关 Closed  开 Open 	KA10DS	KA10D	KA10DS-W	KA10D-W	G3/8	Ø18.2x3	13	4.7	0~1.6	0.3~1.0	0~1.0	50
	KA15DS	KA15D	KA15DS-W	KA15D-W	G1/2	Ø22.3x2.65	13	4.7	0~1.6	0.3~1.0	0~1.0	50
	KA20DS	KA20D	KA20DS-W	KA20D-W	G3/4	Ø28x4	18	9.5	0~1.6	0.3~1.0	0~1.0	50
	KA25DS	KA25D	KA25DS-W	KA25D-W	G1	Ø35x4.25	24	18.1	0~1.6	0.3~1.0	0~1.0	50
	KAX25DS	KAX25D	KAX25DS-W	KAX25D-W	G1	Ø35x4.25	24	18.1	0~1.6	0.3~1.0	0~1.0	63
	KA32DS	KA32D	KA32DS-W	KA32D-W	G1 1/4	Ø43.4x4.4	31	23.1	0~1.6	0.3~1.0	0~1.0	63
	KA40DS	KA40D	KA40DS-W	KA40D-W	G1 1/2	Ø51.3x5.4	35	32.9	0~1.6	0.3~1.0	0~1.0	63
	KA50DS	KA50D	KA50DS-W	KA50D-W	G2	Ø64x6.15	45	52.8	0~1.0	0.3~1.0	0~1.0	63
	KAX50DS	KAX50D	KAX50DS-W	KAX50D-W	G2	Ø64x6.15	45	52.8	0~1.6	0.3~1.0	0~1.0	80
	KA65DS	KA65D	KA65DS-W	KA65D-W	G2 1/2	Ø77.1x6	65	90	0~1.0	0.3~1.0	0~1.0	80
	KAX65DS	KAX65D	KAX65DS-W	KAX65D-W	G2 1/2	Ø77.1x6	65	90	0~1.6	0.3~1.0	0~1.0	100

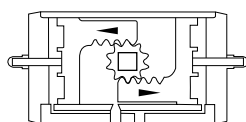


KT085D

规格 Specifications

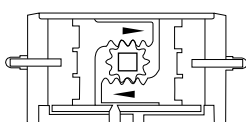
型号 Model	KT 032~400
动作形式 Acting	双作用, 单作用弹簧压回 Double acting, single acting spring return
构造 Structure	齿轮齿条 Pinion and rack
使用流体 Fluid	空气, 无腐蚀性气体, 轻油 Air, non-corrosive gas, light oil.
最高压力范围 Operating pressure range (MPa)	0.8
使用压力范围 Operating pressure range (MPa)	0.25~0.7
* 环境温度 Ambient temperature	-18~55°C (密封件材质 Seal material: 丁晴橡胶 NBR)
摆动角度 Permissible voltage variation	90°±5°
润滑 Lubrication	不需要 Not required

* 如高温可选氟橡胶密封, 低温可选硅橡胶密封。If higher temperature please choose VITON seal, and if lower temperature, please choose silicon rubber seal.



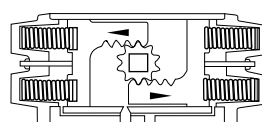
A B

双作用 Double acting

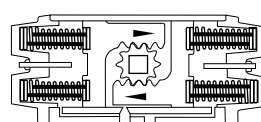


A B

单作用 Single acting



A B



A B

型号表示方法 How to Order

KT 050 D 8

规格代码
Size code

032
050
065
...
400

动作形式 Acting

D	双作用 Double acting
S	单作用 (KT032 除外) Single acting (exclude KT032)

弹簧数量 (仅单动)
No. of springs
(single acting only)

5
6
...
12

* 双作用型输出扭矩 Output Torque of Double Acting (Nm)

型号 Model	气压 Air pressure (bar)									
	2.5	3	3.5	4	4.5	5	5.5	6	7	8
KT032D	2.9	3.4	4.0	4.6	5.3	5.9	6.5	7.1	8.3	9.5
KT050D	8.6	10.4	12.3	14.2	16.0	17.9	19.8	21.6	25.4	29.1
KT065D	17.4	21.2	25.0	28.7	32.5	36.3	40.1	43.9	51.4	59.0
KT075D	27.0	32.9	38.8	44.7	50.5	56.4	62.3	68.2	79.9	91.7
KT085D	39.7	48.3	56.9	65.6	74.2	82.8	91.4	100.1	117.3	134.6
KT095D	55.7	67.9	80.0	92.1	104.2	116.4	128.5	140.6	164.8	189.1
KT110D	72.0	89.3	105.0	120.6	136.3	152.0	167.6	183.3	214.6	245.9
KT125D	128.7	159.5	187.5	215.4	243.4	271.4	299.4	327.4	383.3	439.3
KT140D	196.0	237.0	278.0	319.0	360.0	401.0	442.0	483.0	565.0	647.0
KT160D	263.5	326.6	383.9	441.2	498.5	555.8	613.1	670.4	785.0	899.7
KT190D	428.5	518.0	607.3	696.6	785.9	875.3	964.6	1053.9	1232.5	1411.1
KT210D	598.2	723.2	847.9	972.6	1097.3	1222.0	1346.6	1471.3	1720.7	1970.1
KT240D	928.3	1122.0	1315.0	1508.0	1702.0	1895.0	2089.0	2282.0	2669.0	3056.0
KT270D	1305.0	1577.0	1849.0	2121.0	2393.0	2665.0	2937.0	3209.0	3753.0	4297.0
KT300D	1678.6	2029.4	2379.3	2729.2	3079.1	3429.0	3778.9	4128.8	4828.5	5528.3
KT350D	2492.5	3011.8	3531.1	4050.4	4569.6	5088.9	5608.2	6127.5	7166.0	8204.6
KT400D	3798.1	4589.4	5380.7	6172.0	6963.3	7754.5	8545.8	9337.1	10919.7	12502.2

气动执行器

Pneumatic Actuator

Series KT

* 单动型输出扭矩 Output Torque of Single Acting (Nm)

型号 Model	弹簧 数量 No. of springs	气压 Air pressure (bar)																				复位 Return	
		2.5		3		3.5		4		4.5		5		5.5		6		7		8			
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	90°	0°
KT050S	5	5.1	3.4	6.9	5.3	8.8	7.2	10.7	9.0	12.5	10.9	14.4	12.8	16.3	14.6	18.1	16.5	21.9	20.2	25.6	23.9	5.2	3.5
	6	4.4	2.4	6.2	4.3	8.1	6.1	10.0	8.0	11.8	9.9	13.7	11.7	15.6	13.6	17.4	15.5	21.2	19.2	24.9	22.9	6.2	4.2
	7			5.5	3.2	7.4	5.1	9.3	7.0	11.1	8.8	13.0	10.7	14.9	12.6	16.7	14.4	20.5	18.2	24.2	21.9	7.2	4.9
	8					6.7	4.1	8.6	5.9	10.4	7.8	12.3	9.7	14.2	11.5	16.0	13.4	19.8	17.1	23.5	20.9	8.2	5.6
	9							7.9	4.9	9.7	6.8	11.6	8.6	13.5	10.5	15.3	12.4	19.1	16.1	22.8	19.8	9.3	6.3
	10									9.0	5.7	10.9	7.6	12.8	9.5	14.6	11.3	18.4	15.1	22.1	18.8	10.3	7.0
	11											10.2	6.6	12.1	8.4	13.9	10.3	17.7	14.0	21.4	17.8	11.3	7.7
	12													11.4	7.4	13.2	9.3	17.0	13.0	20.7	16.7	12.4	8.4
KT065S	5	8.7	4.3	12.5	8.1	16.3	11.9	20.0	15.6	23.8	19.4	27.6	23.2	31.4	27.0	35.2	30.8	42.7	38.3	50.3	45.9	13.1	8.7
	6	7.0	1.7	10.7	5.5	14.5	9.2	18.3	13.0	22.1	16.8	25.9	20.6	29.7	24.4	33.4	28.2	41.0	35.7	48.6	43.3	15.7	10.4
	7			9.0	2.8	12.8	6.6	16.6	10.4	20.4	14.2	24.1	18.0	27.9	21.8	31.7	25.5	39.3	33.1	46.8	40.7	18.3	12.2
	8					11.0	4.0	14.8	7.8	18.6	11.6	22.4	15.4	26.2	19.1	30.0	22.9	37.5	30.5	45.1	38.1	21.0	13.9
	9							13.1	5.2	16.9	9.0	20.7	12.7	24.4	16.5	28.2	20.3	35.8	27.9	43.4	35.4	23.6	15.7
	10									15.1	6.3	18.9	10.1	22.7	13.9	26.5	17.7	34.0	25.2	41.6	32.8	26.2	17.4
	11											17.2	7.5	21.0	11.3	24.7	15.1	32.3	22.6	39.9	30.2	28.8	19.1
	12													19.2	8.7	23.0	12.4	30.6	20.0	38.1	27.6	31.4	20.9
KT075S	5	16.3	10.2	22.2	16.0	28.1	21.9	34.0	27.8	39.8	33.7	45.7	39.6	51.6	45.4	57.5	51.3	69.2	63.1	81.0	74.8	16.9	10.7
	6	14.2	6.8	20.1	12.7	25.9	18.6	31.8	24.4	37.7	30.3	43.6	36.2	49.4	42.1	55.3	47.9	67.1	59.7	78.8	71.4	20.2	12.8
	7			17.9	9.3	23.8	15.2	29.7	21.1	35.6	26.9	41.4	32.8	47.3	38.7	53.2	44.6	64.9	56.3	76.7	68.1	23.6	15.0
	8					21.7	11.8	27.5	17.7	33.4	23.6	39.3	29.4	45.2	35.3	51.0	41.2	62.8	53.0	74.5	64.7	27.0	17.1
	9							25.4	14.3	31.3	20.2	37.1	26.1	43.0	32.0	48.9	37.8	60.7	49.6	72.4	61.3	30.3	19.3
	10									29.1	16.8	35.0	22.7	40.9	28.6	46.8	34.5	58.5	46.2	70.3	58.0	33.7	21.4
	11											32.9	19.3	38.7	25.2	44.6	31.1	56.4	42.8	68.1	54.6	37.1	23.5
	12													36.6	21.8	42.5	27.7	54.2	39.5	66.0	51.2	40.4	25.7
KT085S	5	23.2	13.7	31.8	22.3	40.4	30.9	49.0	39.5	57.6	48.1	66.3	56.8	74.9	65.4	83.5	74.0	100.8	91.3	118.0	108.5	26.1	16.6
	6	19.8	8.4	28.4	17.0	37.1	25.7	45.7	34.3	54.3	42.9	62.9	51.5	71.6	60.2	80.2	68.8	97.4	86.0	114.7	103.3	31.3	19.9
	7			25.1	11.8	33.8	20.5	42.4	29.1	51.0	37.7	59.6	46.3	68.3	55.0	76.9	63.6	94.1	80.8	111.4	98.1	36.5	23.2
	8					30.4	15.2	39.1	23.9	47.7	32.5	56.3	41.1	64.9	49.7	73.6	58.4	90.8	75.6	108.1	92.9	41.7	26.5
	9							35.8	18.7	44.4	27.3	53.0	35.9	61.6	44.5	70.3	53.2	87.5	70.4	104.8	87.7	46.9	29.8
	10									41.1	22.1	49.7	30.7	58.3	39.3	67.0	48.0	84.2	65.2	101.5	82.5	52.1	33.1
	11											46.4	25.5	55.0	34.1	63.6	42.7	80.9	60.0	98.1	77.2	57.3	36.4
	12													51.7	28.9	60.3	37.5	77.6	54.8	94.8	72.0	62.5	39.7
KT095S	5	33.6	20.9	45.8	33.0	57.9	45.1	70.0	57.3	82.1	69.4	94.3	81.5	106.4	93.6	118.5	105.8	142.7	130.0	167.0	154.2	34.9	22.1
	6	29.2	13.9	41.4	26.1	53.5	38.2	65.6	50.3	77.7	62.4	89.8	74.5	102.0	86.7	114.1	98.8	138.3	123.0	162.6	147.3	41.8	26.5
	7			36.9	19.1	49.1	31.2	61.2	43.3	73.3	55.4	85.4	67.6	97.5	79.7	109.7	91.8	133.9	116.1	158.1	140.3	48.8	30.9
	8					44.6	24.2	56.8	36.4	68.9	48.5	81.0	60.6	93.1	72.7	105.2	84.8	129.5	109.1	153.7	133.3	55.8	35.4
	9							52.3	29.4	64.5	41.5	76.6	53.6	88.7	65.8	100.8	77.9	125.1	102.1	149.3	126.4	62.7	39.8
	10									60.0	34.5	72.2	46.7	84.3	58.8	96.4	70.9	120.6	95.1	144.9	119.4	69.7	44.2
	11											67.7	39.7	79.9	51.8	92.0	63.9	116.2	88.2	140.5	112.4	76.7	48.6
	12													75.4	44.8	87.6	57.0	111.8	81.2	136.0	105.4	83.6	53.0

* 表中为理论数据，参考时必须考虑实际情况对应的 80%~90% 的安全系数。
The output torque listed are theoretical data, 80%~90% safety factor must be considered according to practical conditions.

气动执行器

Pneumatic Actuator

Series KT

* 单动型输出扭矩 Output Torque of Single Acting (Nm)

型号 Model	弹簧 数量 No. of springs	气压 Air pressure (bar)																				复位 Return	
		2.5		3		3.5		4		4.5		5		5.5		6		7		8			
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	90°	0°
KT110S	5	43.4	26.2	60.7	43.4	76.4	59.1	92.0	74.8	107.7	90.4	123.4	106.1	139.0	121.8	154.7	137.4	186.0	168.8	217.3	200.1	45.9	28.6
	6	37.7	17.0	55.0	34.3	70.6	49.9	86.3	65.6	102.0	81.3	117.6	96.9	133.3	112.6	149.0	128.3	180.3	159.6	211.6	190.9	55.0	34.3
	7			49.3	25.1	64.9	40.8	80.6	56.4	96.2	72.1	111.9	87.8	127.6	103.4	143.2	119.1	174.6	150.4	205.9	181.8	64.2	40.0
	8					59.2	31.6	74.9	47.3	90.5	62.9	106.2	78.6	121.9	94.3	137.5	109.9	168.9	141.3	200.2	172.6	73.4	45.8
	9							69.1	38.1	84.8	53.8	100.5	69.4	116.1	85.1	131.8	100.8	163.1	132.1	194.5	163.4	82.5	51.5
	10									79.1	44.6	94.8	60.3	110.4	75.9	126.1	91.6	157.4	122.9	188.7	154.2	91.7	57.2
	11											89.0	51.1	104.7	66.7	120.4	82.4	151.7	113.7	183.0	145.1	100.9	62.9
	12													99.0	57.6	114.6	73.2	146.0	104.6	177.3	135.9	110.0	68.6
KT125S	5	77.7	48.2	108.5	78.9	136.5	106.9	164.4	134.9	192.4	162.9	220.4	190.9	248.4	218.8	276.4	246.8	332.3	302.8	388.3	358.7	80.6	51.0
	6	67.5	32.0	98.3	62.8	126.3	90.8	154.2	118.8	182.2	146.8	210.2	174.7	238.2	202.7	266.2	230.7	322.1	286.7	378.1	342.6	96.7	61.2
	7			88.1	46.7	116.1	74.7	144.0	102.7	172.0	130.7	200.0	158.6	228.0	186.6	256.0	214.6	311.9	270.6	367.9	326.5	112.8	71.4
	8					105.9	58.6	133.8	86.6	161.8	114.5	189.8	142.5	217.8	170.5	245.8	198.5	301.7	254.4	357.7	310.4	128.9	81.6
	9							123.6	70.5	151.6	98.4	179.6	126.4	207.6	154.4	235.6	182.4	291.5	238.3	347.5	294.3	145.0	91.8
	10									141.4	82.3	169.4	110.3	197.4	138.3	225.4	166.3	281.3	222.2	337.3	278.2	161.1	102.0
	11											159.2	94.2	187.2	122.2	215.2	150.2	271.1	206.1	327.1	262.1	177.2	112.2
	12													177.0	106.1	205.0	134.0	260.9	190.0	316.9	246.0	193.3	122.4
KT140S	5	114.2	74.1	155.1	115.0	196.1	156.0	237.0	196.9	277.9	237.8	318.8	278.7									122.4	82.3
	6	97.7	49.6	138.7	90.6	179.6	131.5	220.5	172.4	261.5	213.3	302.4	254.3	343.3	295.2							146.8	98.7
	7			122.2	66.1	163.2	107.0	204.1	147.9	245.0	188.9	285.9	229.8	326.9	270.7	367.8	311.6					171.3	115.2
	8					146.7	82.5	187.6	123.5	228.6	164.4	269.5	205.3	310.4	246.2	351.3	287.2	433.2	369.0			195.8	131.6
	9							171.2	99.0	212.1	139.9	253.0	180.9	294.0	221.8	334.9	262.7	416.7	344.6	498.6	426.4	220.2	148.1
	10									195.7	115.5	236.6	156.4	277.5	197.3	318.4	238.2	400.3	320.1	482.1	401.9	244.7	164.5
	11											220.1	131.9	261.1	172.8	302.0	213.8	383.8	295.6	465.7	377.5	269.2	181.0
	12													244.6	148.4	285.5	189.3	367.4	271.1	449.2	353.0	293.6	197.4
KT160S	5	153.5	101.3	216.6	164.4	273.9	221.7	331.2	279.0	388.5	336.3	445.8	393.8	503.1	450.9	560.4	508.2	675.0	622.8	789.7	737.4	162.3	110.0
	6	131.5	68.8	194.6	131.9	251.9	189.2	309.2	246.5	366.5	303.8	423.8	361.1	481.1	418.4	538.4	475.7	653.0	590.3	767.7	705.0	194.7	132.0
	7			172.6	99.5	229.9	156.8	287.2	214.1	344.5	271.4	401.8	328.7	459.1	386.0	516.4	443.3	631.0	557.9	745.7	672.5	227.2	154.0
	8					207.9	124.3	265.2	181.6	322.5	238.9	379.8	296.2	437.1	353.5	494.4	410.8	609.0	525.4	723.7	640.1	259.6	176.0
	9							243.2	149.2	300.5	206.5	357.8	263.8	415.1	321.1	472.4	378.4	587.0	493.0	701.7	607.6	292.1	198.0
	10									278.5	174.0	335.8	231.3	393.1	288.6	450.4	345.9	565.0	460.5	679.7	575.2	324.5	220.0
	11											313.8	198.9	371.1	256.2	428.4	313.5	543.0	428.1	657.7	542.7	357.0	242.0
	12													349.1	223.7	406.4	281.0	521.0	395.6	635.7	510.3	389.4	264.0
KT190S	5	257.0	162.8	346.5	252.3	435.8	341.6	525.1	430.9	614.4	520.2	703.8	609.5	793.1	698.8	882.4	788.1	1061.0	966.7	1239.6	1145.4	265.8	171.5
	6	222.7	109.6	312.2	199.1	401.5	288.4	490.8	377.7	580.1	467.0	669.5	556.4	758.8	645.7	848.1	735.0	1026.7	913.6	1205.3	1092.2	318.9	205.8
	7			277.9	146.0	367.2	235.3	456.5	324.6	545.8	413.9	635.2	503.2	724.5	592.5	813.8	681.8	992.4	860.4	1171.0	1039.1	372.1	240.1
	8					332.9	182.1	422.2	271.4	511.5	360.7	600.9	450.1	690.2	539.4	779.5	628.7	958.1	807.3	1136.7	985.9	425.2	274.4
	9							387.9	218.3	477.2	307.6	566.6	396.9	655.9	486.2	745.2	575.5	923.8	754.1	1102.4	932.8	478.4	308.7
	10									442.9	254.4	532.3	343.8	621.6	433.1	710.9	522.4	889.5	701.0	1068.1	879.6	531.5	343.0
	11											498.0	290.6	587.3	379.9	676.6	469.2	855.2	647.8	1033.8	826.5	584.7	377.3
	12													553.0	326.8	642.3	416.1	820.9	594.7	999.5	773.3	637.8	411.6

* 表中为理论数据，参考时必须考虑实际情况对应的 80%~90% 的安全系数。
The output torque listed are theoretical data, 80%~90% safety factor must be considered according to practical conditions.

气动执行器
Pneumatic Actuator
Series KT

* 单动型输出扭矩 Output Torque of Single Acting (Nm)

型号 Model	弹簧 数量 No. of springs	气压 Air pressure (bar)																		复位 Return			
		2.5		3		3.5		4		4.5		5		5.5		6		7				8	
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	90°	0°
KT210S	5	352.8	239.1	477.8	364.1	602.5	488.8	727.3	613.5	851.9	738.2	976.6	862.9	1101.2	987.5	1225.9	1112.2	1475.3	1361.6	1724.7	1611.0	359.1	245.4
	6	303.7	167.3	428.7	292.3	553.4	417.0	678.1	541.7	802.8	666.4	927.5	791.0	1052.2	915.7	1176.9	1040.4	1426.2	1289.8	1675.6	1539.2	430.9	294.5
	7			379.6	220.5	504.3	345.2	629.0	469.8	753.7	594.5	878.4	719.2	1003.1	843.9	1127.8	968.6	1377.2	1218.0	1626.5	1467.4	502.7	343.6
	8					455.3	273.3	579.9	398.0	704.6	522.7	829.3	647.4	954.0	772.1	1078.7	896.8	1328.1	1146.2	1577.5	1395.5	574.6	392.6
	9							530.9	326.2	655.6	450.9	780.2	575.6	904.9	700.3	1029.8	825.0	1279.0	1074.3	1528.4	1323.7	646.4	441.7
	10									606.5	379.1	731.2	503.8	855.8	628.4	980.5	753.1	1229.9	1002.5	1479.3	1251.9	718.2	490.8
	11											682.1	431.9	806.8	556.6	931.5	681.3	1180.8	930.7	1430.2	1180.1	790.0	539.9
	12													757.7	484.8	882.4	609.5	1131.8	858.9	1381.1	1108.3	861.8	589.0
KT240S	5	517.8	374.3	711.2	567.7	904.6	761.1	1098.0	954.5	1291.4	1147.9	1484.8	1341.3									554.0	410.5
	6	435.7	263.5	629.1	456.9	822.5	650.3	1015.9	843.7	1209.3	1037.1	1402.7	1230.5	1596.1	1423.9							664.8	492.6
	7			547.0	346.1	740.4	539.5	933.8	732.9	1127.2	926.3	1320.6	1119.7	1514.0	1313.1	1707.4	1506.5					775.6	574.7
	8					658.3	428.7	851.7	622.1	1045.1	815.5	1238.5	1008.9	1431.9	1202.3	1625.3	1395.7	2012.1	1782.5			886.4	656.8
	9							769.6	511.3	963.0	704.7	1156.4	898.1	1349.8	1091.5	1543.2	1284.9	1930.0	1671.7	2316.8	2058.5	997.2	738.9
	10									880.9	593.9	1074.3	787.3	1267.7	980.7	1461.1	1174.1	1847.9	1560.9	2234.7	1947.7	1108.0	821.0
	11											992.2	676.5	1185.6	869.9	1379.0	1063.3	1765.8	1450.1	2152.6	1836.9	1218.8	903.1
	12													1103.5	759.1	1296.9	952.5	1683.7	1339.3	2070.5	1726.1	1329.6	985.2
KT270S	5	745.9	519.4	1017.9	791.4	1289.9	1063.4	1561.8	1335.3	1833.8	1607.3	2105.7	1879.2									786.0	559.5
	6	634.0	362.2	906.0	634.2	1178.0	906.2	1449.9	1178.1	1721.9	1450.1	1993.8	1722.0	2265.8	1994.0							943.2	671.4
	7			794.1	477.0	1166.1	749.0	1338.0	1020.9	1610.0	1292.9	1881.9	1564.8	2153.9	1836.8	2425.9	2108.8					1100.4	783.3
	8					954.2	591.8	1226.1	863.7	1498.1	1135.7	1770.0	1407.6	2042.0	1679.6	2314.0	1951.6	2857.9	2495.5			1257.6	895.2
	9							1114.2	706.5	1386.2	978.5	1658.1	1250.4	1930.1	1522.4	2202.1	1794.4	2746.0	2338.3	3289.9	2882.2	1414.8	1007.1
	10									1274.3	821.3	1546.2	1093.2	1818.2	1365.2	2090.2	1637.2	22634.1	2181.1	3178.0	2725.0	1572.0	1119.0
	11											1434.3	936.0	1706.3	1208.0	1978.3	1480.0	2522.2	2023.9	3066.1	2567.8	1729.2	1230.9
	12													1594.4	1050.8	1866.4	1322.8	2410.3	1866.7	2954.2	2410.6	1886.4	1342.8
KT300S	5	987.5	646.7	1338.3	997.5	1688.2	1347.4	2038.1	1697.3	2388.0	2047.2	2737.9	2397.1	3087.8	2747.0	3437.7	3096.9	4837.2	3796.6	6483.7	24496.4	1031.9	691.1
	6	849.3	440.3	1200.1	791.1	1550.0	1141.0	1899.9	1490.9	2249.8	1840.8	2599.6	2190.7	2949.5	2540.6	3299.4	2890.5	4699.0	3590.4	6499.0	4290.1	11238.3	829.3
	7			1061.9	584.7	1411.7	934.6	1761.6	1284.5	2111.5	1634.4	2461.4	1984.3	2811.3	2334.2	3161.2	2684.1	4560.8	3383.9	54560.8	4083.7	1444.7	967.5
	8					1273.5	728.2	1623.4	1078.1	1973.3	1428.0	2323.2	1777.9	2673.1	2127.8	3023.0	2477.7	4422.6	3177.5	5442.2	6387.7	3165.1	1105.8
	9							1485.2	871.8	1835.1	1221.7	2185.0	1571.5	2534.9	1921.4	2884.8	2271.3	4284.4	2971.1	4428.4	53670.9	1857.4	1244.0
	10									1696.9	1015.3	2046.8	1365.2	2396.7	1715.1	2746.6	2065.0	4146.1	2764.7	4146.1	53464.5	2063.8	1382.2
	11											1908.5	1158.8	2258.4	1508.7	2608.3	1858.6	4007.9	2558.4	4007.9	53258.2	2270.2	1520.4
	12													2120.2	1302.3	2470.1	1652.2	3869.7	2352.0	3869.7	7305.1	2476.6	1658.6
KT350S	5	1498.2	1017.1	2017.5	1536.4	2536.8	2055.6	3056.1	2574.9	3575.3	3094.2	4094.6	3613.5	4613.9	4132.7	5133.2	4652.0	6171.7	5690.6	7210.3	6729.1	1475.5	994.3
	6			1818.6	1241.3	2337.9	1760.5	2857.2	2279.8	3376.5	2799.1	3895.8	3318.4	4441.5	3837.7	4934.3	4356.9	5972.9	5395.5	7011.4	6434.0	1770.5	1193.2
	7			1619.8	946.2	2139.1	1465.5	2658.3	1984.7	3177.6	2504.0	3696.9	3023.3	4216.2	3542.6	4735.5	4061.8	5774.0	5100.4	6812.6	6139.0	2065.6	1392.0
	8					1940.2	1170.4	2459.5	1689.6	2978.8	2208.9	3498.0	2728.2	4017.3	3247.5	4536.6	3766.8	5575.1	4805.3	6613.7	5843.9	2360.7	1590.9
	9					1741.3	875.3	2260.6	1394.6	2779.9	1913.8	3299.2	2433.1	3818.5	2952.4	4337.7	3471.7	5376.3	4510.2	6414.8	5548.8	2655.8	1789.7
	10							2061.8	1099.5	2581.0	1618.7	3100.3	2138.0	3619.6	2657.3	4138.9	3176.6	5177.4	4421.5	6216.0	5253.7	2950.9	1988.6
	11							1862.9	804.4	2382.2	1323.7	2901.5	1842.9	3420.7	2362.2	3940.0	2881.5	4978.6	3920.0	6017.1	4958.6	3246.0	2187.5
	12									2183.3	1028.6	2702.6	1547.8	3322.1	2067.1	3741.1	2258.6	4477.9	3624.9	5818.3	4663.5	3541.1	2386.3
KT400S	5	2327.6	1650.5	3118.9	2441.8	3910.2	3233.1	4701.4	4024.3	5492.7	4748.5	6284.0	5606.9	7075.3	6398.2	7866.7	7189.5	9449.1	8772.0	11031.7	10354.6	2147.7	1470.6
	6			2824.8	2012.2	3616.0	2803.5	4407.3	3594.8	5198.6	4386.1	5989.9	5177.4	6781.2	5968.6	7572.4	6759.9	9155.0	8342.5	10737.6	9925.0	2577.2	1764.7
	7			2530.7	1582.7	3321.9	2374.0	4113.2	3165.3	4904.5	3956.6	5695.8	4747.8	6487.1	5539.1	7278.3	6330.4	8860.9	7913.0	10443.5	9495.5	3006.7	2058.8
	8					3027.8	1944.5	5381.9	1273.5	7461.0	4352.0	5401.7	4318.3	6192.9	5109.6	6984.2	5900.9	8566.8	7483.4	10149.3	9066.0	3436.2	2352.9
	9					2733.7	1514.9	3525.0	2306.2	4316.3	3309.7	5107.6	3888.8	5898.8	4680.1	6690.1	5471.1	8272.7	7053.9	9885.5	8636.5	3865.8	2647.0
	10							3230.9	1876.7	4022.2	2668.0	4813.4	3459.2	5604.7	4250.5	6396.0	5041.8	7978.6	6624.4	4956.1	18206.9	4295.3	2941.1
	11							2936.8	1447.2	3728.1	2238.4	4519.3	3029.7	5310.6	3821.0	6101.9	4612.3	7684.5	6194.8	9267.0	7777.4	44724.8	3235.2
	12									3433.9	1808.9	4225.2	2600.2	5016.5	3391.5	5807.8	4182.7	7390.3	5765.8	8972.9	7347.9	5154.4	3529.3

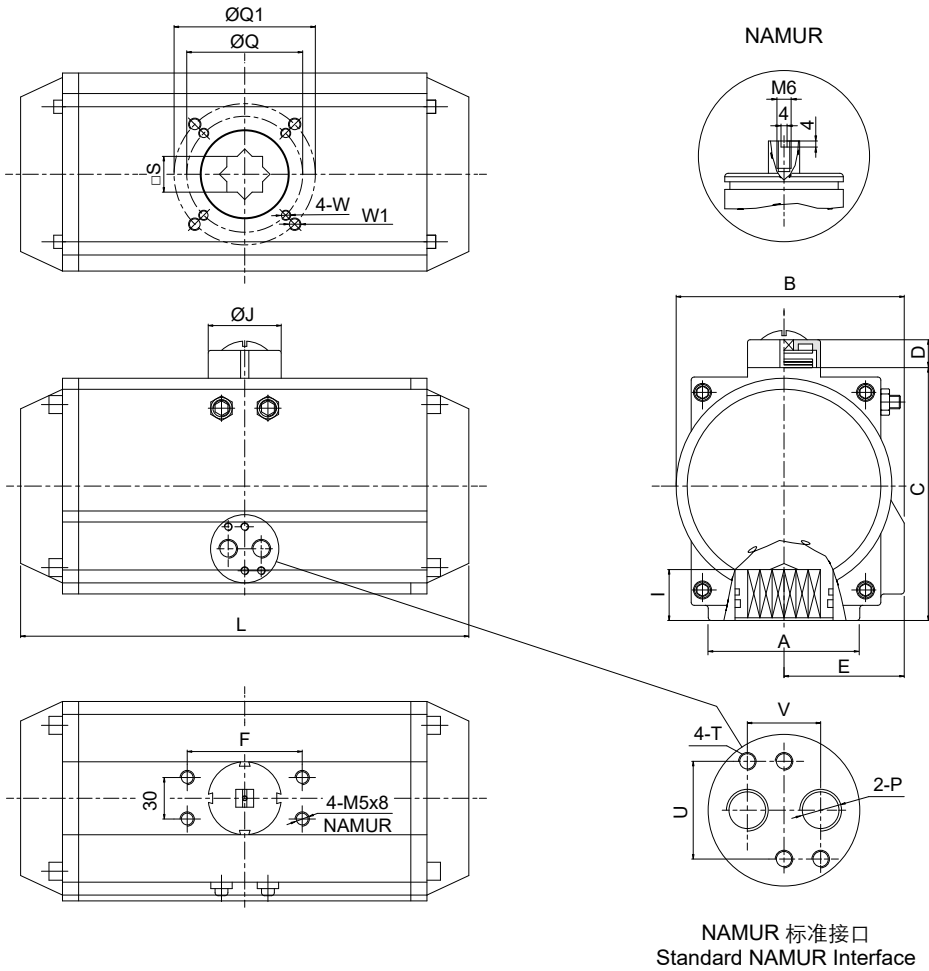
* 表中为理论数据，参考时必须考虑实际情况对应的 80%~90% 的安全系数。
The output torque listed are theoretical data, 80%~90% safety factor must be considered according to practical conditions.

气动执行器

Pneumatic Actuator

Series *KT*

外形尺寸图 Dimensions (mm)



型号 Model	A	B	C	D	E	F	I	J	L	P	Q	Q1	S	T	U	V	W	W1	法兰 Flange
KT032	37	47	50	20	27	50	10	40	110	G1/8	-	36	9	M5x8	32	24	-	4-M5x9	F03
KT050	45	70.5	70	20	41.5	80	12	40	154	G1/4	36	50	11	M5x8	32	24	M5x7.5	4-M6x9	F03/05
KT065	62	89.5	89	20	51.5	80	16	40	189	G1/4	50	70	14	M5x8	32	24	M6x9	4-M8x12	F05/07
KT075	68	102.5	100	20	59	80	16	40	210	G1/4	50	70	14	M5x8	32	24	M6x9	4-M8x12	F05/07
KT085	68	112.5	113	20	63.5	80	19	40	229	G1/4	50	70	17	M5x8	32	24	M6x9	4-M8x12	F05/07
KT095	92	126	123	20	71	80	19	40	264	G1/4	70	102	17	M5x8	32	24	M8x12	4-M10x15	F07/10
KT110	93	138.5	136	20	76.5	80	19	40	266	G1/4	70	102	17	M5x8	32	24	M8x12	4-M10x15	F07/10
KT125	96	157	161	30	85	80	25	56	337	G1/4	70	102	22	M5x8	32	24	M8x12	4-M10x15	F07/10
KT140	110	178	178	30	97	80	31	56	346	G1/4	102	125	27	M5x8	32	24	M10x15	4-M12x18	F10/12
KT160	112	196	200	30	106	130	31	56	412	G1/4	102	125	27	M5x8	32	24	M10x15	4-M12x18	F10/12
KT190	136	216.5	232	30	112	130	41	56	488	G1/4	102	140	36	M5x8	32	24	M10x15	4-M16x24	F10/14
KT210	140	235.5	255	30	120	130	40	80	550	G1/4	-	140	36	M5x8	32	24	-	4-M16x24	F14
KT240	159	262	292	30	131	130	50	80	602	G1/2	-	165	46	M6x10	45	40	-	4-M20x28	F16
KT270	159	295	331	30	147.5	130	50	80	672	G1/2	-	165	46	M6x10	45	40	-	4-M20x28	F16
KT300	180	335	354	30	173	130	50	80	784	G1/2	-	165	46	M6x10	45	40	-	4-M20x28	F16
KT350	270	385	410	30	195	130	50	80	845	G1/2	165	254	46	M6x10	45	40	M20x28	8-M16x30	F16/F25
KT400	290	520	466	30	260	130	60	80	956	G1/2	-	254	55	M6x10	45	40	-	8-M16x30	F25

阀体和密封件材质对应介质的选型参考

Selection Guide of Valve Body Material and Seal Material Corresponding to Media

介质 Medium	阀体材料 Body material		密封材料 Seal material			
	铜 Brass	不锈钢 Stainless steel	丁腈橡胶 NBR	乙丙橡胶 EPDM	氟橡胶 VITON	铁氟龙 PTFE
空气 Air	√	√	√	√	√	√
天然气 Natural gas	√	√	√	√	√	√
氧气 Oxygen	√	√	√	√	√	√
氢气 Hydrogen	√	√	√	-	√	√
城市煤气 City gas	√	√	-	-	√	√
工业煤气 Industrial gas	√	√	√	-	-	√
氮气 Nitrogen	√	√	-	-	√	√
精制石油 Refined petroleum	√	√	-	-	√	√
普通水 Water	√	√	√	√	√	√
水蒸汽 Water steam	√	√	X	√	√	√
饮用水 Drinking water	√	√	-	√	-	√
海水 Seawater	√	√	√	√	√	√
工业废水 Industrial sewage	-	√	-	-	√	√
汽油 Gasoline	√	√	-	X	√	√
煤油 Kerosene	√	√	√	X	√	√
柴油 Diesel	√	√	√	X	√	√
牛奶 Milk	√	√	√	√	√	√
酒 Wine	√	√	√	√	√	√
酒精 Alcohol	√	√	√	X	-	√
乙炔 Acetylene	√	√	√	X	√	√
乙醇 Ethyl alcohol	√	√	√	X	√	√
丙酮 Acetone	√	√	√	X	X	√
氨 Ammonia	-	-	X	-	-	√
甲苯 Methylbenzene	√	√	-	X	√	√
二甲苯 Xylene	√	√	-	X	√	√
丙烷 Propane	√	√	-	X	√	√
甲烷 Methane	√	√	√	X	√	√
二氧化硫 Sulfur dioxide	√	√	-	-	√	√
氢氧化钠 Sodium hydroxide <20%	-	√	√	X	-	√
硝酸 Nitric acid <10%	-	√	-	-	√	√
硫酸 Vitriol <20%	-	-	-	-	√	√
盐酸 Muriatic acid 10%	-	-	-	-	-	√
醋酸 Acetic acid	√	√	√	X	√	√

√ 适用 Applicable

X 不适用 Not applicable

- 资料不足 Insufficient references