

第一生产基地

First Manufacture Base:

(中韩)宁波波特气动元件有限公司

(Sino-Korea)Ningbo bote Pneumatic Co.,ltd

(Sino-Korea)Ningbo Pneumatic Technical Expert Co.,Ltd

地址: 浙江省宁波慈溪长河镇长丰工业区

ADD: Changfeng Village Industry Zone Changhe Town Cixi, Ningbo Zhejiang China

国内销售部 (Domestic Trade Dept.)

TEL: 0086-574-23888882 0086-574-63412016

FAX: 0086-574-23688633 0086-574-63412015

国外销售部 (International Trade Dept.)

TEL: 0086-574-23670015

FAX: 0086-574-23688633

邮箱/E-MAIL: ptce@ptce.net

网站/Website: www.ptce.net / www.ptce.en.alibaba.com

邮编/P.C : 315326

第二生产基地

Second manufacture base:

上海蒂豪机电科技有限公司

Shanghai Dihao Mechanical & Electrical Technology Co.,Ltd

地址: 上海市翔殷路128号1号楼C座, 329-330

ADD: C 329-330, No.1 Bulding, No.128 XiangYin Road, Shanghai City. China

国内销售部 (Domestic Trade Dept.)

国外销售部 (International Trade Dept.)

Tel: 0086-021 51613965

FAX: 0086-021 51613953

邮箱/E-MAIL: ptce@ptce.net

网站/Website: www.ptce.net / www.nbptce.cn.alibaba.com

邮编/P.C : 200433



www.ptce.net



SINO-KOREA
NINGBO BOTE PNEUMATIC
寧波波特氣動元件

TO BE INTERNATIONAL WELL-KNOWN MANUFACTURER



Brief Introduction

Ningbo Bote Pneumatic Component Co., Ltd. is a Sino-Korea Joint Venture, specialized in the production of pneumatic component. Our main products are One-Touch Fittings, Speed Controllers, Compact One-Touch Fittings, Silencers, Air Guns, Solenoid Valves and Cylinders in complete specifications. Relying on superior quality and competitive price, our products are selling well in the domestic, European, American, Middle East, and Southeast Asian markets.

Our company takes the market competition and the crisis as consciousness, earnestly implements the ISO9001:2000 quality specification system, and we have a technical team with skilled workers who are able to manage the whole course of R&D, Quality Controls, Production, Designing and also own automatic CNC Lathe machines and advanced monitoring system. We take science and technology as our guide, and talent, our backing. However, we still further improve quality. Our standardization of the management model and new image has won the trust of many domestic and foreign clients, whatever new or old.

Our company is located in Ningbo City with convenient transportation access and beautiful environment. Providing 'Quality Products, Excellent Service, Competitive Prices and Prompt Delivery', we are now looking forward to even greater cooperation with overseas customers based on mutual benefits.

波特企业简介

宁波波特气动是一家中韩合资企业，引进海外技术，坚持“务实创新、信誉至上”的原则，赢得了众多新老客户的认可与信赖！我们的主要产品有：快速接头、微型接头，节流阀，电磁阀等配套系统。规格齐全，产品销往国内外各地，产品广泛应用于机械，消防，船舶，军事，医疗，钢铁，化工，电力，机械工程等设施设备的连接，并适合何磊介质，如水，气体。

公司目前拥有一批经验丰富的技术人员，自动化数控机床和先进的检测系统，以科技为导向，以人才为后盾，精益求精，提高品质。ISO9001:2000的管理模式和崭新的形象迎接新的未来！

公司位于杭州湾跨海大桥宁波慈溪，交通便捷，环境优美，热忱广大国内外朋友前来惠顾。



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SINO-KOREA NINGBO BOTE PNEUMATIC

波特人坚信发展是永恒的主题，创新永无止境，努力创建一流品牌，为客户提供最满意的产品和服务。

NBPT people firmly believe that development is our eternal theme and the step of innovation will never stop. We make our best efforts to build a first-class brand and provide the most satisfied products and service to our customers



CYLINDER
SERIES



DNC系列ISO6431标准气缸 DNC Series ISO6431 Standard Cylinder	001
SI系列ISO6431标准气缸 SI Series ISO6431 Standard Cylinder	003
DNC/SI系列标准气缸安装附件 DNC / SI Standard Cylinder Installation Accessories	005
SC/SU系列标准气缸 SC/SU Series Standard Cylinder	008
SC/SU系列标准气缸安装附件 SC/SU Series Standard Cylinder Installation Accessories	010
MAL系列迷你气缸/MAL Series Mini Cylinder	013
MA系列迷你气缸/MA Series Mini Cylinder	017
MAL/MA系列迷你气缸安装附件 MAL/MA Series Mini Cylinder Installation Accessories	019
MI系列迷你气缸/MI Series Mini Cylinder	021
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CQ2系列薄型气缸/CQ2 Series Thin Type Cylinder	031

SOLENOID
VALVE
SERIES



3V1系列电磁阀/3V1 Series Solenoid Valve	032
3V系列电磁阀/3V Series Solenoid Valve	033
4V系列电磁阀/4V Series Solenoid Valve	035
4V系列电磁阀(三位五通中央封闭型) 4V Series Solenoid Valve Three-Position Five-Way Close Type	037
4V系列电磁阀(三位五通中央压力型) 4V Series Solenoid Valve Three-Position Five-Way Pressure Type	038
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2W系列电磁阀/2W Series Solenoid Valve	046
2W(UW)(大口径)系列二位二通直动式电磁阀 2W(UW)(Large Aperture)Series Two-Position Two-WayDirect Drive Type Solenoid Valve	047
2L系列电磁阀/2L Series Solenoid Valve	048



2P系列电磁阀/2P Series Solenoid Valve	049
2V系列二位二通电磁阀 2V Series Two-Position Two-Way Solenoid Valve	050
VX系列电磁阀/VX Series Solenoid Valve	051
PU220系列电磁阀/PU220 Series Solenoid Valve	052
PU225系列电磁阀/PU225 Series Solenoid Valve	053
NBPT系列电磁阀/NBPT Series Solenoid Valve	054
SLG系列高压电磁阀/SLG Series Solenoid Valve	056
2WSL系列塑料电磁阀/脉冲阀 2WSL Series Solenoid Valve / NPTYF Series 2/2 Pulse Valve	057
饮水机专用阀/Special Valve For Water Fountain	058
JZF系列二位三通截止式电磁阀 JZF Series Two-Position Three-Way Stop Solenoid Valve	059
RSP-20S先导式电磁阀/RSP-20S Series Solenoid Valve	060

AIR FILTER
COMBINATION
SERIES



空气过滤组合(三联件) Air Filter Combination (F.R.L Combination)	061
空气过滤组合(二联件) Air Filter Combination (F.R.L Combination)	063
AF系列空气过滤器/AF Series Air Filter	065
AR系列调压阀/AR Series Regulator	067
AL油雾器/AL Series Lubricator	068
AW过滤减压阀/AW Filter&Regulator	069
A/B系列气源处理件/A/B Series Air Source Treatment Unit	071

PNEUMATIC
FITTINGS
SERIES



快插式气动管接头/Quick Connecting Tube Fittings	072
节流阀/Speed Controllers	079
迷你接头/MINI Fittings	080
单向阀/Stop Fittings	082
逆止阀/Check Valves	083
全塑料快插式气管接头 / Two-touch Fittings	084
手控阀门 / Check Valves	085
消声器 Silencers / 快插 Coupler	086
PU/尼龙管/PU/Nylon Tubes	087
黄铜接头/Brass Fittings	088
全铜快插式&快拧式气动管接头/Push-in Fittings	092

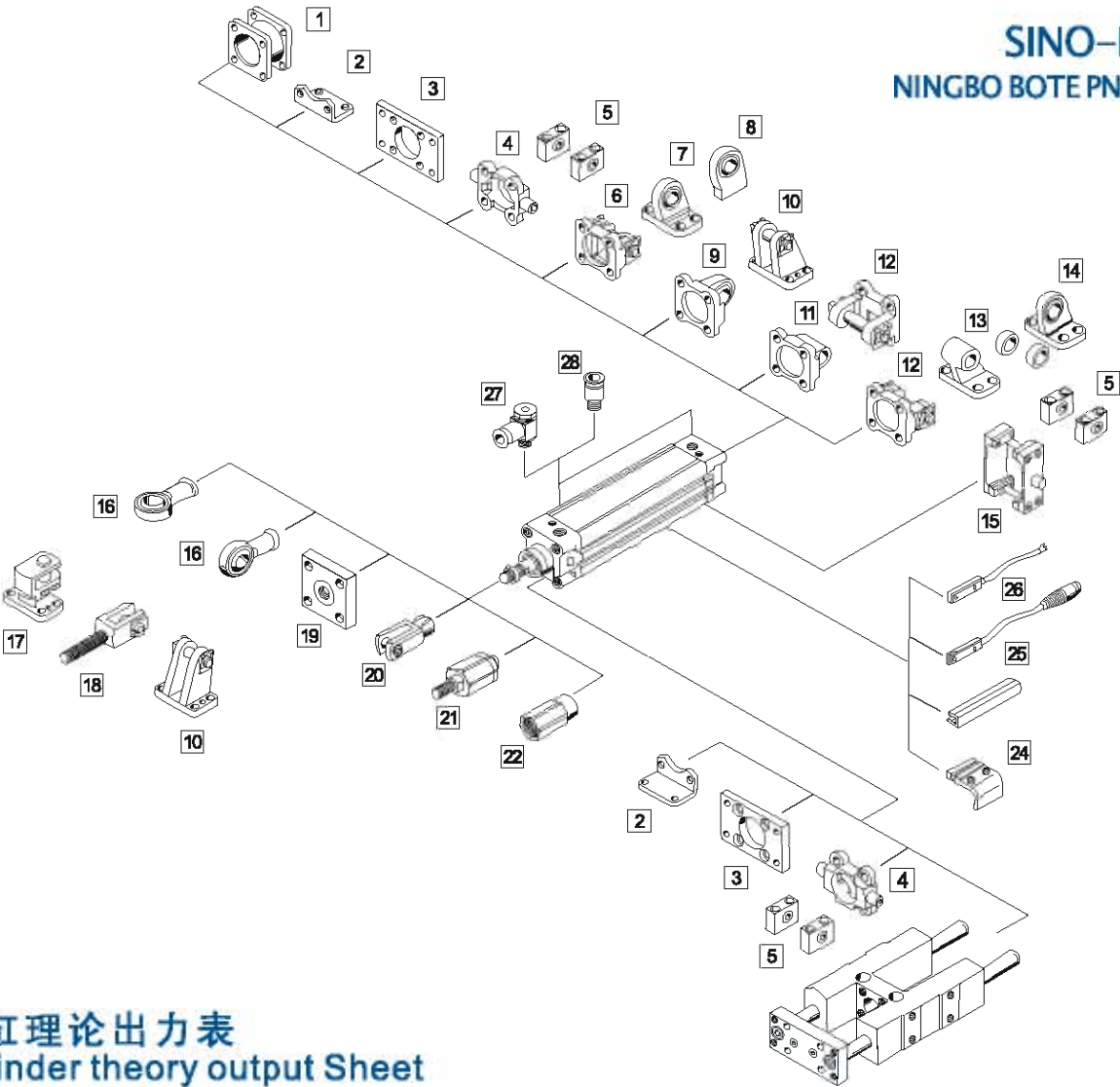
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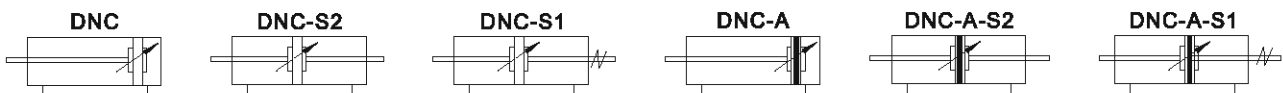
气缸理论出力表
Cylinder theory output Sheet

缸径 (mm) Bore	活塞杆外径 (mm) External Diameter of Piston Rod	动作型式 Motion Pattern	受压面积 (mm ²) Compression Area	空气压力 (Mpa) Air Pressure								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
32	12	复动型 Double Action	压侧 Pressure Side	804	80.4	160.8	241.2	321.6	402.0	482.4	562.8	643.2
			拉侧 PullSide	690	69.0	138.0	207.0	276.0	345.0	414.0	483.0	552.0
40	16	复动型 Double Action	压侧 Pressure Side	1256	125.6	251.2	376.8	502.4	628.0	753.6	879.2	1002.4
			拉侧 PullSide	1055	105.5	211.0	316.5	422.0	527.5	633.0	738.5	844.0
50	20	复动型 Double Action	压侧 Pressure Side	1963	196.3	392.6	588.9	785.2	981.5	1177.8	1374.1	1570.4
			拉侧 PullSide	1649	164.9	329.8	494.7	659.6	824.5	989.4	1154.3	1399.2
63	20	复动型 Double Action	压侧 Pressure Side	311.7	311.7	623.4	935.1	1246.8	1558.5	1870.2	2181.9	2493.6
			拉侧 PullSide	2803	280.3	560.6	840.9	1121.2	1401.5	1681.8	1962.1	2242.4
80	25	复动型 Double Action	压侧 Pressure Side	5026	502.6	1005.2	1507.8	2010.4	2513.0	3015.6	3518.2	4020.8
			拉侧 PullSide	4536	453.6	907.2	1360.8	1814.4	2268.0	2721.6	3175.2	3628.8
100	25	复动型 Double Action	压侧 Pressure Side	7853	785.3	1570.6	2355.9	3141.2	3926.5	4711.8	5497.1	6282.4
			拉侧 PullSide	7362	736.2	1472.4	2208.6	2944.8	3681.0	4417.2	5153.4	5889.6
125	32	复动型 Double Action	压侧 Pressure Side	12272	1227.2	2454.4	3681.6	4908.8	6136.0	7363.2	8590.4	9817.6
			拉侧 PullSide	11468	1146.8	2293.6	3440.4	4587.2	5734.0	6880.8	8027.6	9174.4
160	40	复动型 Double Action	压侧 Pressure Side	20106	2010.6	4021.2	6031.8	8042.4	10053.0	12063.6	14074.2	16084.8
			拉侧 PullSide	18849	1884.9	3769.8	5654.7	7539.6	9424.5	11309.4	13194.3	15079.2
200	40	复动型 Double Action	压侧 Pressure Side	31416	3141.6	6283.2	9424.8	12566.4	15708.0	18849.6	21991.2	25132.8
			拉侧 PullSide	30157	3015.7	6031.4	9047.1	12062.8	15708.5	18809.2	21109.9	24125.6

DNC系列ISO6431标准气缸
DNC SERIES ISO6431 STANDARD CYLINDER



ISO9001:2000



订购码/Ordering Code

DNC - 32 X 50 - 20 PPV - S - S2

缸径 Cylinder Bore: 32mm
行程 Stroke: 50mm
可调行程 Adjustable: 20mm
缓冲 Cushion: PPV (Without Cushion)
磁石代号 Magnet Code: S (Attach Magnet)
型号/Type: S2 (Double-shaft Double Action adjustable stroke type)

规格/Specification

内径 (mm) Bore		32	40	50	63	80	100
动作型式 Motion Pattern		复动型/Double Action					
工作介质 Working Medium		空气/Air					
固定型式 Fixed Type	DNC系列	基本型 FA型 FB型 CA型 CB型 CR型 LB型 TC型 TC-M型					
	DNC-S2系列	基本型 FA型 LB型 TC型 TC-M型					
使用压力范围 Bar	Operating Voltage Range	1-9.0					
保证耐压力 Bar	Ensured Pressure Resistance	13.5					
使用温度范围 °C	Operating Temperature Range	-5~70°C					
使用速度范围 mm/s	Operating Speed Range	50~800mm/s					
缓冲型式	Buffer Type	可调缓冲/Adjustable Buffer					
缓冲行程 mm	Buffer Stroke	24		32			
接管口径	Joint Pipe Bore	G1/8	G1/4		G3/8	G1/2	

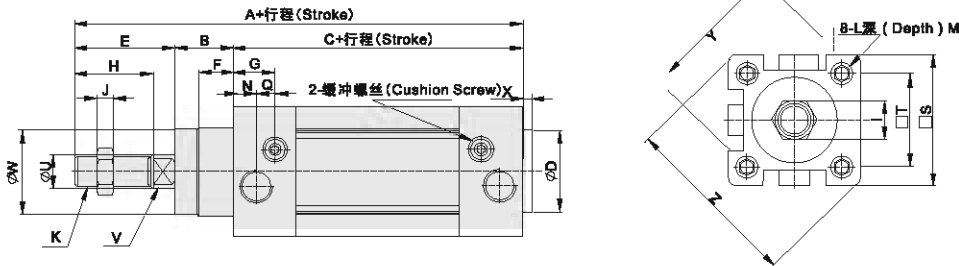
DNC系列ISO6431标准气缸
DNC SERIES ISO6431 STANDARD CYLINDER



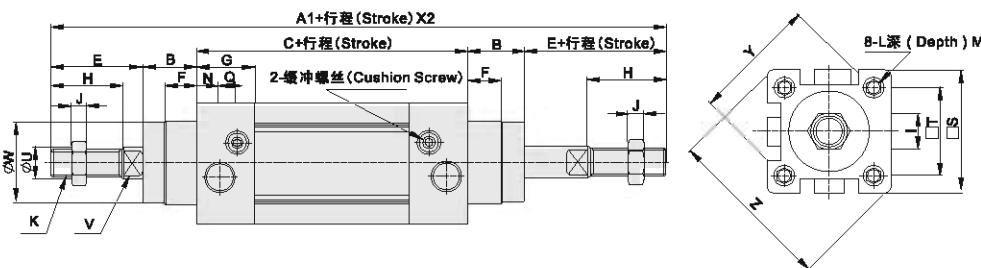
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外形尺寸 Overall Dimensions

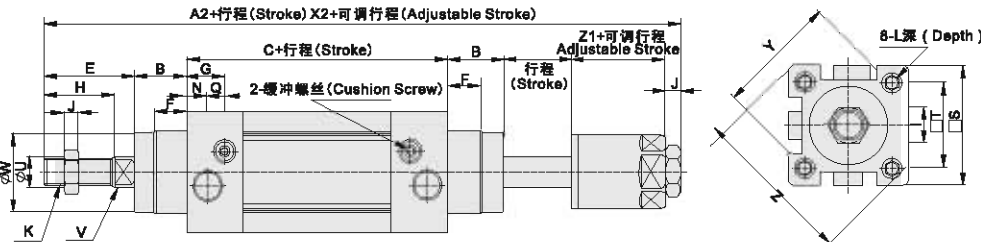
DNC基本型/Basic



NC-SI双轴复动型
Double-shaft Double-action



NC-SI双轴复动可调型
Double shaft and adjustable stroke



缸径/符号 Bore/Symbol	A	A1	A2	B	C	D	E	F	G	H	I	J	K
32	142	190	185	16	94	30	32	10	25	22	17	6	M10X1.25
40	159	213	207	20	105	35	34	10	29.5	24	17	7	M12X1.25
50	175	244	233	27	106	40	42	10	32	32	23	8	M16X1.5
63	190	258	247	26	122	45	42	10	36	32	23	8	M16X1.5
80	214	301	288	35	127	45	52	10	37	40	26	10	M20X1.5
100	229	321	308	40	137	55	52	10	39	40	26	10	M20X1.5
125	279	352	-	46	160	60	73	20.5	44.7	54	-	-	M27X2

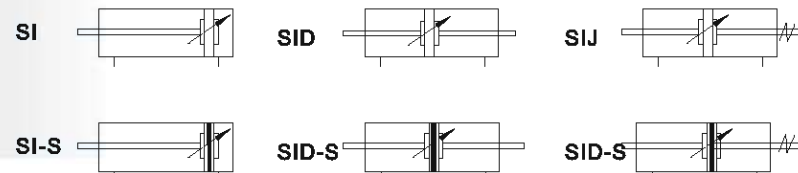
缸径/符号 Bore/Symbol	M	N	O	P	Q	R	S	T	U	V	W	X	L	Z1
32	12	15	G1/8	5	3	6.5	45	32.5	12	10	28	4	M8	21
40	12	17.5	G1/4	7	3	7	52	38	16	13	33	4	M6	21
50	12	21	G1/4	7	3	9	65	46.5	20	17	38	4	M8	23
63	12	23	G3/8	8	5	9	76	56.5	20	17	40	4	M8	23
80	12	24	G3/8	10	5	12	94	72	25	22	43	5	M10	29
100	12	26	G1/2	10	5	14	112	89	25	22	47	6	M10	29
125	-	22.3	G1/2	13	8	16	134	110	32	27	58	6	M12	-

SI系列ISO6431标准气缸

SI SERIES ISO6431 STANDARD CYLINDER



ISO9001:2000



订购码/Ordering Code

SI D - 50 X 50 - 25 - S - LB

型号
Mode

SI:ISO6431 标准气缸
SI:ISO6431 Standard Cylinder

缸径
Cylinder Bore

行程
Stroke

SIJ可调行程
SIJ adjustable stroke type

磁石代号
S:附磁石
空白:不附磁
Magnet Code
S:attach magnet
Blank:not attach magnet

固定型式/Fixed Type
空白:基本型
LB:前后固定型
FA:前盖固定型(前法兰)
FB:后盖固定型(后法兰)
CA:后盖固定型(单耳环)
CB:后盖固定型(双耳环)
Blank:basic type
LB:front and back fixed type
FA:front cover fixed type (Front flange type)
FB:back cover fixed type (Rear flange type)
CA:back cover fixed type (Single Earring)
CB:back cover fixed type (double Earring)

规格/Specification

内径 (mm) Bore		32	40	50	63	80	100	125	160	200
动作型式 Motion Pattern		复动型/Double Action								
工作介质 Working Medium		空气/Air								
固定 型式	SI系列	基本型 FA FB CA CB LB TC TC-M1 TC-M2								
	SID系列	基本型 FA LB TC-M1 TC-M2								
	SIJ系列	基本型 FA LB TC-M1 TC-M2								
使用压力范围 Bar Operating Voltage Range		1~9.0								
保证耐压力 Bar Ensured Pressure Resistance		13.5								
使用温度范围℃ Operating Temperature Range		5~70℃								
使用速度范围 mm/s Operating Speed Range		SI系列：50~800mm/s 其它系列：30~800mm/s								
缓冲型式 Buffer Type		可调缓冲/Adjustable Buffer								
缓冲行程 mm Buffer Stroke		27mm	30mm			36mm		40mm		50mm
接管口径 Joint Pipe Bore		G1/8	G1/4		G3/8			G1/2		G3/4

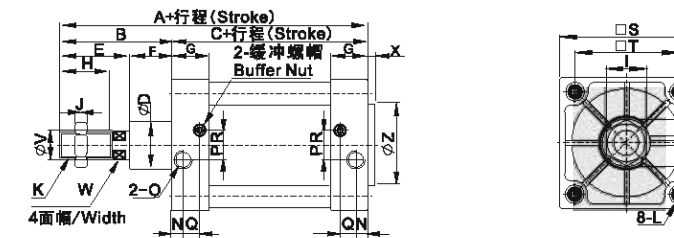
SI系列ISO6431标准气缸

SI SERIES ISO6431 STANDARD CYLINDER



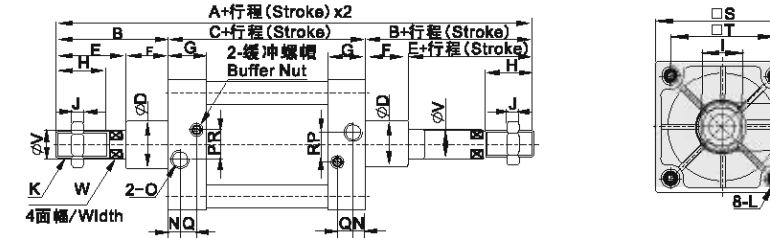
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SI基本型/Basic



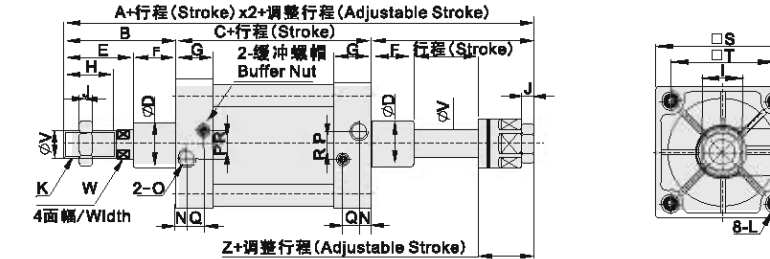
缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S	T	V	W	X	Z
32	142	48	94	30	28	20	27.5	22	17	6	M10X1.25	M6	13.5	PT1/8	4	7.5	7	47	32.5	12	10	3	30
40	159	54	105	35	34	22	32	24	19	7	M12X1.25	M6	16	PT1/4	6	8.5	9	53	38	16	13	3.5	35
50	175	69	106	40	42	27	31	32	24	8	M16X1.5	M8	15.5	PT1/4	8.5	7.5	7.5	65	46.5	20	17	3.5	40
63	190	89	121	45	40	29	33	32	24	8	M16X1.5	M8	16.5	PT3/8	7.5	8.5	9	75	56.5	20	17	4	45
80	214	86	128	45	53	33	33	40	30	10	M20X1.5	M10	16.5	PT3/8	11	8.5	13.5	95	72	25	22	4	45
100	229	91	138	55	55	36	37	40	30	10	M20X1.5	M10	18.5	PT1/2	13.5	9.5	14.5	115	89	25	22	4	55
125	279	119	160	60	74	45	46	54	41	13.5	M27X2	M12	23	PT1/2	14	12	14	140	110	32	27	4	60
160	332	152	180	65	94	58	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	180	140	40	36	4	65
200	347	167	180	75	100	67	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	220	175	40	36	5	75

SI双轴复动型 Double-shaft Double action



缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S	T	V	W
32	190	48	94	30	28	20	27.5	22	17	6	M10X1.25	M6	13.5	PT1/8	4	7.5	7	47	32.5	12	10
40	213	54	105	35	32	22	32	24	19	7	M12X1.25	M6	16	PT1/4	6	8.5	9	53	38	16	13
50	244	69	106	40	42	27	31	32	24	8	M16X1.5	M8	15.5	PT1/4	7.5	8.5	8.5	65	46.5	20	17
63	259	89	121	45	40	29	33	32	24	8	M16X1.5	M8	16.5	PT3/8	7.5	8.5	9	75	56.5	20	17
80	300	86	128	45	53	33	33	40	30	10	M20X1.5	M10	16.5	PT3/8	11	8.5	13.5	95	72	25	22
100	320	91	138	55	55	36	37	40	30	10	M20X1.5	M10	18.5	PT1/2	13.5	9.5	14.5	115	89	25	22
125	398	119	160	60	74	45	46	54	41	13.5	M27X2	M12	23	PT1/2	14	12	14	140	110	32	27
160	484	152	180	65	94	58	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	180	140	40	36
200	514	167	180	75	100	67	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	220	175	40	36

SI双轴复动可调型 Double-shaft and adjustable stroke



缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S	T	V	W	Z
32	189	48	94	30	28	20	27.5	22	17	6	M10X1.25	M6	13.5	PT1/8	4.5	6.5	6.5	47	32.5	12	10	27
40	209	54	105	35	32	22	32	24	19	7	M12X1.25	M6	16	PT1/4	6	8.5	9	53	38	16	13	28
50	233	69	106	40	42	27	31	32	24	8	M16X1.5	M8	15.5	PT1/4	8.5	7.5	7.5	65	46.5	20	17	31
63	250	89	121	45	40	29	33	32	24	8	M16X1.5	M8	16.5	PT3/8	7.5	8.5	9	75	56.5	20	17	31
80	286	86	128	45	53	33	33	40	30	10	M20X1.5	M10	16.5	PT3/8	11	8.5	13.5	95	72	25	22	39
100	304	91	138	55	55	36	37	40	30	10	M20X1.5	M10	18.5	PT1/2	13.5	9.5	14.5	115	89	25	22	39
125	378	119	160	60	74	45	46	54	41	13.5	M27X2	M12	23	PT1/2	14	12	14	140	110	32	27	54
160	458	152	180	65	94	58	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	180	140	40	36	68
200	486	167	180	75	100	67	50	72	55	18	M36X2	M16	25	PT3/4	15	12	20	220	175	40	36	72

订购码/Ordering Code

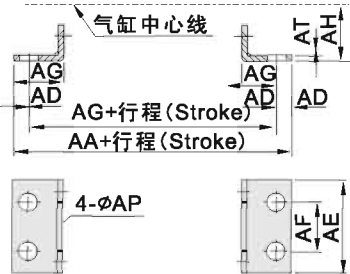
ISO — 50 FA
ISO标准气缸
ISO Standard
Cylinder
缸径
Cylinder Bore
附件代号
Accessory
Code

附件选配/Optional Accessories

气缸型号/附件 Cylinder Model Accessories	LB	FA	FB	CA	CB	CR	TC	TC-M1	TC-M2
SI	●	●	●	●	●	●	●	●	●
SID	●	●	×	×	×	×	●	●	●
SIJ	●	●	×	×	×	×	●	●	●
SILB	●	●	●	●	●	●	●	●	●
SILF	●	●	●	●	●	●	●	●	●

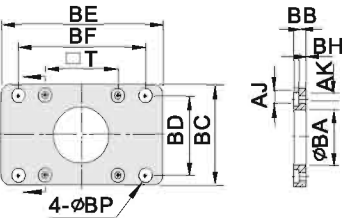
外形尺寸/Overall Dimension

LB



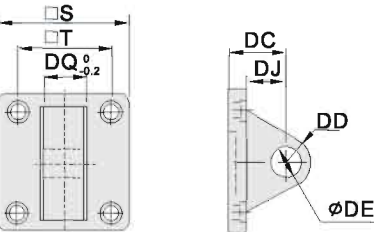
缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
AA	158	179	190	209	248	258	290	340	380
AC	142	161	170	185	210	220	250	300	320
AD	8	9	10	12	19	19	20	20	30
AE	48	53	63	73	98	115	140	180	220
AF	32	36	45	50	63	75	90	115	135
AG	24	28	32	32	41	41	45	60	70
AH	32	36	45	50	63	71	90	115	135
AP	7	9	9	9	12	14	16	18	22
AT	4	4	4	4	5	5	8	8	9

FA/FB



缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
AJ	10.5	10.5	14	14	17	17	19	25	25
AK	7	7	9	9	11	11	13	17	17
BA	30.3	35.3	40.3	45.3	45.3	55.3	60.3	65.3	75.3
BB	10	10	12	12	16	16	20	20	25
BC	50	55	65	75	100	120	140	180	220
BD	32	36	45	50	63	75	90	115	135
BE	80	90	110	125	154	186	224	280	320
BF	64	72	90	100	126	150	180	230	270
BH	6.5	6.5	6.5	8.5	10.5	10.5	8	8	12
BP	7	9	9	9	12	14	16	18	22
T	32.5	38	46.5	56.5	72	89	110	140	175

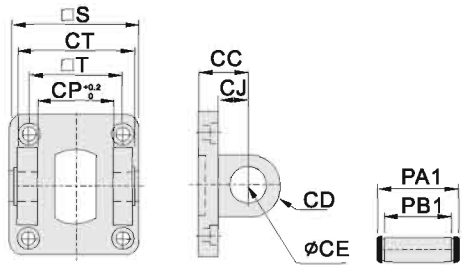
CA



缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
S	47	53	65	75	95	115	140	180	220
T	32.5	38	46.5	56.5	72	89	110	140	175
DC	22	25	27	32	36	41	50	55	60
DD	9	12	12	15	15	20	25	30	30
DE	10	12	12	16	16	20	25	30	30
DJ	13	16	17	22	22	27	33	35.5	37
DQ	25.8	27.8	31.7	39.7	49.7	59.7	69.7	89.7	89.7

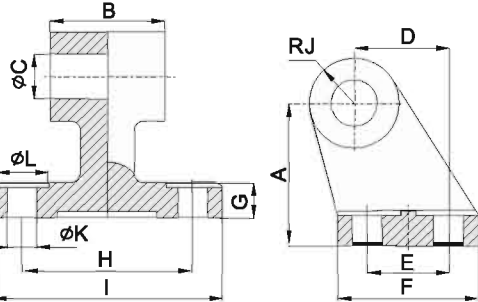
外形尺寸/Overall Dimension

CB



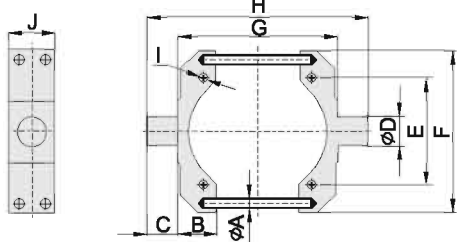
缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
CC	22	25	27	32	36	41	50	55	60
CD	9	12	12	15	15	20	25	30	30
CE	10	12	12	16	16	20	25	30	30
CJ	13	16	17	22	22	27	31	35.5	36
CP	26	28	32	40	50	60	70	90	90
CT	45	52	60	70	90	110	130	170	170
PA1	51	59	67	77	97	119	139	181	181
PB1	45.5	52.5	60.5	70.5	90.5	110.5	130.5	170.5	170.5
S	47	53	65	75	95	115	140	180	220
T	32.5	38	46.5	56.5	72	89	110	140	175

CR



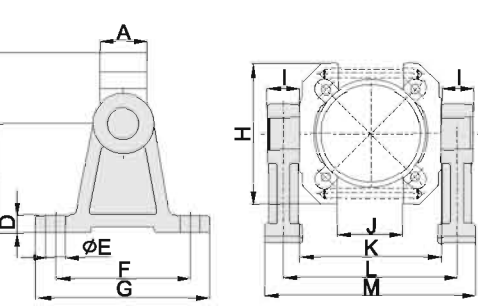
缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
A	32	36	45	50	63	71	90	115	135
B	26	28	32	40	50	60	70	90	90
C	10	12	12	16	16	20	25	30	30
D	21	24	33	37	47	55	70	97	105
E	18	22	30	35	40	50	60	88	90
F	31	35	45	50	60	70	90	126	130
G	8	10	12	12	14	15	20	25	30
H	38	41	50	52	66	76	94	118	122
I	51	54	65	67	86	96	124	156	162
J	10	11	13	15	15	19	22.5	31.5	31.5
K	6.6	6.6	9	9	11	11	14	14	18
L	-	-	-	-	18	18	20	20	26

TC



缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
A	5	6	6	6	8	8	8	10	10
B	15	18	22	24	28	32	40	50	62.5
C	12	16	16	20	20	25	25	32	32
D	12	16	16	20	20	25	25	32	32
E	32.5	38	46.5	56.5	72	89	110	140	175
F	52	65	75	90	112	135	170	210	255
G	50	63	75	90	110	132	160	200	250
H	74	95	107	130	150	182	210	264	314
I	M5X0.8	M5X0.8	M6X1.0	M6X1.0	M8X1.25	M8X1.25	M12X1.75	M16X2.0	M16X2.0
J	22	28	28	30	32	38	40	50	50

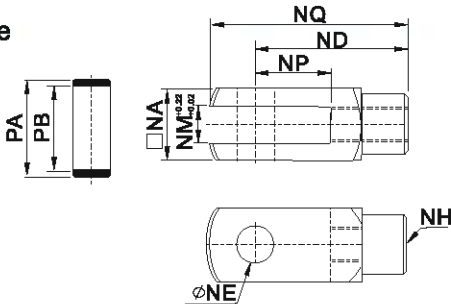
TC-M1



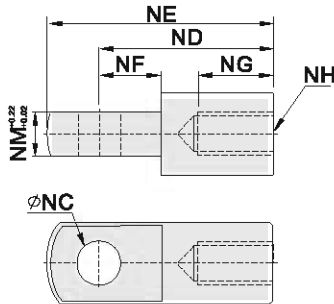
缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
A	22	28	28	30	32	38	40	50	50
B	66	86.5	91.5	115	126	157.5	175	215	255
C	40	54	54	70	70	90	90	110	125
D	11	11	11	11	11	19	19	24	25
E	9	12	12	12	12	18	18	22	25
F	60	75	75	85	85	115	115	140	175
G	80	100	100	110	110	155	155	190	235
H	52	65	75	90	112	135	170	210	260
I	12	16	16	20	20	25	25	32	32
J	20	27	31	42	54	68	80	100	125
K	50	63	75	90	110	132	160	200	250
L	62	79	91	110	130	157	185	232	280
M	77	98	110	133	153	185	213	267	320

外形尺寸/Overall Dimension

Y接头/Y type

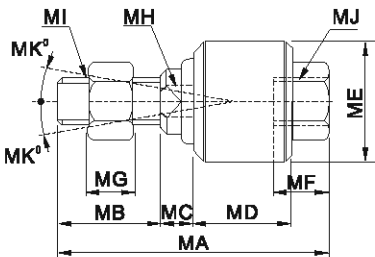


I接头/I type



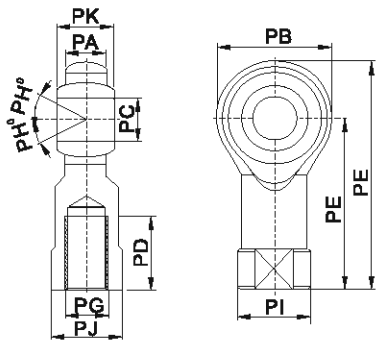
缸径/符号 Bore/Symbol	NA	NC	ND	NE	NG	NF	NH	NM	NP	NQ	PA	PB
32	19	10	40	52	20	15	M10X1.25	10	20	52	26.2	20
40	25.4	12	48	67	20	24	M12X1.25	12	24	62	32.8	26.5
50	32	16	64	89	23	32	M16X1.5	16	32	80	39.3	33
63	32	16	64	89	23	32	M16X1.5	16	32	80	39.3	33
80	44.4	20	80	112	30	40	M20X1.5	20	40	105	53.3	45
100	44.4	20	80	112	30	40	M20X1.5	20	40	105	53.3	45
125	54	30	110	150	45	51	M27X2.0	30	53	151.8	66	55
160	70	35	144	195	55	65	M36X2.0	35	73	195	83	71
200	70	35	144	195	55	65	M36X2.0	35	73	191	83	71

浮动接头/Floating type



缸径/符号 Bore/Symbol	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK
32	58	22	7	21	26	11.5	7	10	M10X1.25	M10X1.25	12
40	58	22	8	21	28	11.5	8	12	M12X1.25	M12X1.25	12
50	90	27	10	41	44.5	20	10	17	M16X1.5	M16X1.5	7
63	90	27	10	41	44.5	20	10	17	M16X1.5	M16X1.5	7
80	102	29	13	46	53	24	13	22	M20X1.5	M20X1.5	10
100	102	29	13	46	53	24	13	22	M20X1.5	M20X1.5	10
125	147	54	13	64	62	39	14	30	M27X2.0	M27X2.0	9
160	251	72	22	115	80	80	18	36	M36X2.0	M36X2.0	4
200	251	72	22	115	80	80	18	36	M36X2.0	M36X2.0	4

鱼眼接头/Bearing type



缸径/符号 Bore/Symbol	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK
32	11	26	10	20	43	56	M10X1.25	13	19	17	14
40	12	32	12	24	50	66	M12X1.25	13	22	19	16
50	15	40	16	28	64	84	M16X1.5	15	27	22	21
63	15	40	16	28	64	84	M16X1.5	15	27	22	21
80	18	46	20	35	77	100	M20X1.5	15	34	30	25
100	18	46	20	35	77	100	M20X1.5	15	34	30	25
125	26	66	30	51	103	136	M27X2.0	15	46	41	35
160	28	80	35	56	125	165	M36X2.0	16	58	50	43
200	28	80	35	56	125	165	M36X2.0	16	58	50	43



订购码/Ordering Code

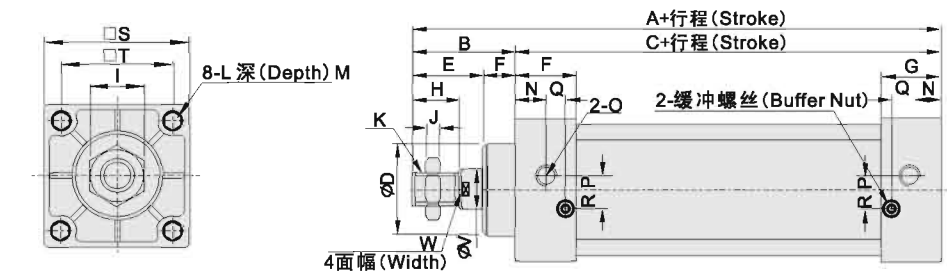
SC	-	D	-	50	X	50	-	20	S	-	LB
型号/Type		空白:标准复动型 D:双轴复动型 J:双轴可调行程型 Blank:Standard Double Action D:Double-Shaft Double Action J:Double-Shaft and adjustable stroke type		缸径 Cylinder Bore		行程 Stroke		SCJ可调行程 SUJ可调行程 SCJ adjustable stroke type SUJ adjustable stroke type	磁石 Magnet code S:附磁石 空白:不附磁 S:attach magnet Blank:not attach magnet		固定型式/Fixed Type 空白:基本型 LB:前后固定型 FA:前盖固定型(前法兰) FB:后盖固定型(后法兰) CA:后盖固定型(单耳环) CB:后盖固定型(双耳环) TC:中间摇摆式 TC-M:摇摆式附脚座 Blank:basic type LB:front and back fixed type FA:front cover fixed type(Front flange type) FB:back cover fixed type(Rear flange type) CA:back cover fixed type(Single Earring) CB:back cover fixed type(Double Earring) TC:swinging type TC-M:swinging type attaching foot seat

外形尺寸/Overall Dimension

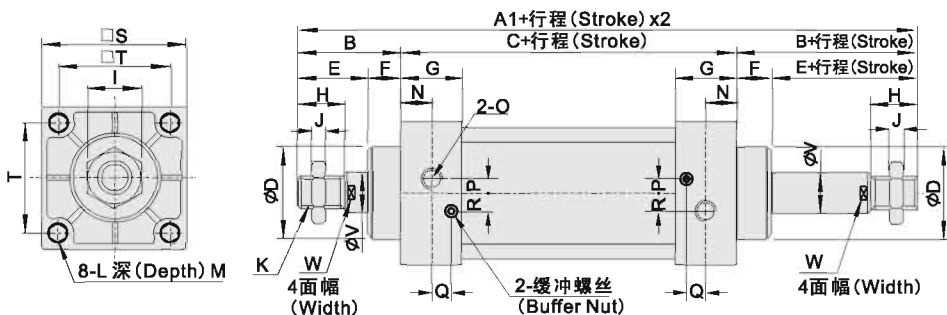
内径/Bore(mm)	32	40	50	63	80	100	125	160	200
动作形式/Motion Pattern	复动型/Double Action								
工作介质/Working Medium	空气/Air								
固定形式/Fixed Type	基本型/BasicType FA型/Type FB型/Type CA型/Type CB型/Type LB型/Type								
使用压力范围 Bar Operating Voltage Range	1~9.0								
保证耐压力 Bar Ensured Pressure Resistance	13.5								
使用温度范围 mm/s Operating Temperature Range	0~70								
使用速度范围 mm/s Operating Seppd Range	50~800								
缓冲型式/Buffer Type	缓冲垫片/Buffer spacer								
接管口径/JoInt Pipe Bore	G1/8	G1/4	G3/8	G1/2	G3/4				

外形尺寸/Overall Dimension

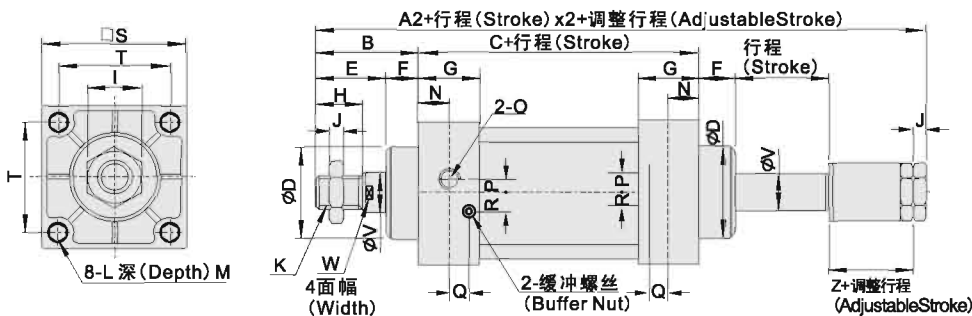
SC基本型/Basic



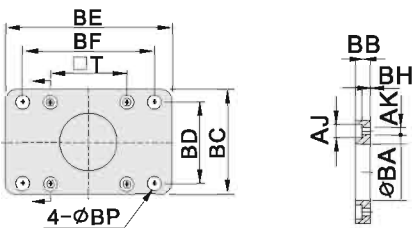
SCD双轴复动型
Double-shaft
Double action



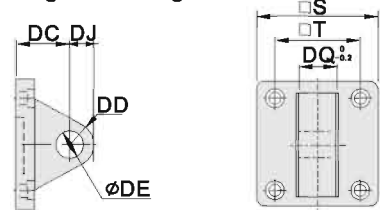
SC双轴复动可调型
Double-shaft and
adjustable stroke



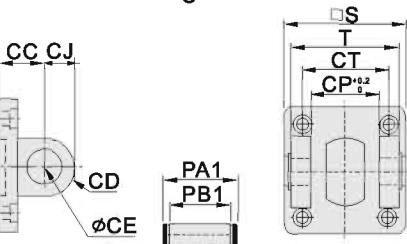
FA/FB法兰
FA/FB Flange



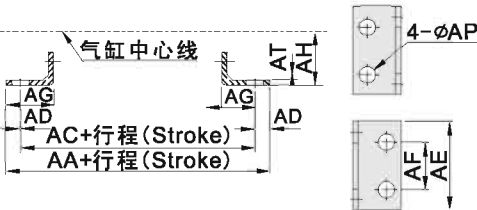
CA单耳环
CA Single Earring



CB双耳环
CB Double Earring



LB脚架/LB Foot Rest



缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
BA	28.3	32.3	38.3	38.3	47.3	47.3	56	63	81
BB	10	10	10	12	16	16	20	25	25
BC	47	52	65	78	100	120	140	180	220
BD	33	36	47	56	70	84	90	115	135
BE	72	84	104	116	143	162	224	280	320
BF	58	70	86	98	119	138	180	230	270
BH	6.5	6.5	6.5	8.5	10.5	10.5	15	20	20
AJ	10.5	10.5	13.5	13.5	16.6	16.6	19	25	25
AK	6.5	6.5	8.5	8.5	10.5	10.5	12.5	16.5	16.5
BP	7	7	9	9	12	12	16	18	22
T	33	37	47	56	70	84	110	140	175

缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
S	48	50	62	75	94	112	140	180	220
T	33	37	47	56	70	84	110	140	175
DC	34	34	34	34	48	48	50	55	60
DD	14	14	15	15	20	20	25	30	30
DE	12	14	14	14	20	20	25	30	30
DJ	14	14	15	15	20	20	25	30	30
DQ	16	20	20	20	32	32	70	90	90

缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
CC	19	19	19	19	32	32	50	55	60
CD	5	5	3	3	8	8	25	30	30
CE	12	14	14	14	20	20	25	30	30
CJ	13	13	15	15	21	21	25	30	30
CP	16.3	20.5	20.3	20.3	32.3	32.3	70	90	90
CT	32	44	52	52	64	64	120	160	160
PAI	41	51.8	60.3	60.3	73.8	73.8	130	170	170
PBI	33.5	45.8	54	54	65.5	65.5	121.5	161.5	161.5
S	48	50	62	75	94	112	140	180	220
T	33	37	47	56	70	84	110	140	175

缸径/符号 Bore/Symbol	32	40	50	63	80	100	125	160	200
AA	153	169	173	184	200	210	249	328	380
AC	134	140	149	158	168	174	213	288	320
AD	9.5	14.5	12	12	16	18	18	20	30
AE	50	57	68	80	97	112	140	180	220
AF	33	36	47	56	70	84	90	115	135
AG	20.5	23.5	28	31	30	30	45	60	70
AJ	28	30	36.5	41	49	57	90	115	135
AP	9	12	12	12	14	14	16	18	22
AT	3.2	3.2	3.2	3.2	4	4	8	8	10

缸径/符号 Bore/Symbol	A	A1	A2	B	C	D	E	F	G	H	I	J	K
32	140	187	182	47	93	28	32	15	27.5	22	17	6	M10X1.25
40	142	191	185	49	93	32	34	15	27.5	24	17	7	M12X1.25
50	150	207	196	57	93	38	42	15	27.5	32	23	8	M16X1.5
63	153	210	199	57	96	38	42	15	27.5	32	23	8	M16X1.5
80	182	257	242	75	107	47	54	21	33	40	26	10	M20X1.5
100	188	263	248	75	108	47	54	21	33	40	26	10	M20X1.5
125	226	/	/	104	122	55	70	34	33	54	40	10	M27X2
160	291	/	/	123	168	62	91	32	48	72	55	18	M36X2
200	347	/	/	167	180	80	112	55	48	72	55	18	M36X2

缸径/符号 Bore/Symbol	L	M	N	O	P	Q	R	S	T	V	W	Z
32	M6X1	9.5	13.7	PT1/8	3.5	7.5	7	45	33	12	12	21
40	M6X1	9.5	13.5	PT1/4	6	8.2	9	50	37	16	14	21
50	M6X1	9.5	13.5	PT1/4	8.5	8.2	9	62	47	20	17	23
63	M8X1.25	9.5	13.5	PT3/8	7	8.2	8.5	75	56	20	17	23
80	M10X1.5	11.5	16.5	PT3/8	10	9.5	14	94	70	25	22	29
100	M10X1.5	11.5	16.5	PT1/2	11	9.5	14	112	84	25	22	29
125	M12X1.75	15.5	16.5	PT1/2	/	/	/	140	110	32	27	/
160	M16X2	17.5	25	PT1/2	/	/	/	180	140	40	36	/
200	M16X2	17.5	25	PT3/4	/	/	/	220	175	40	36	/

SC/SU系列标准气缸安装附件
SC/SU SERIES STANDARD CYLINDER
INSTALLATION ACCESSORIES

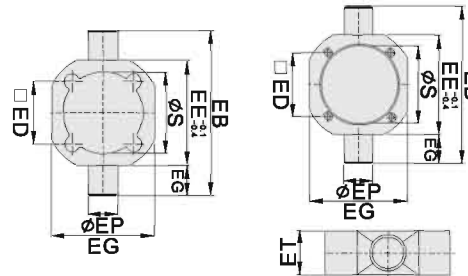
ISO9001:2000



SINO-KOREA
NINGBO BOTE PNEUMATIC

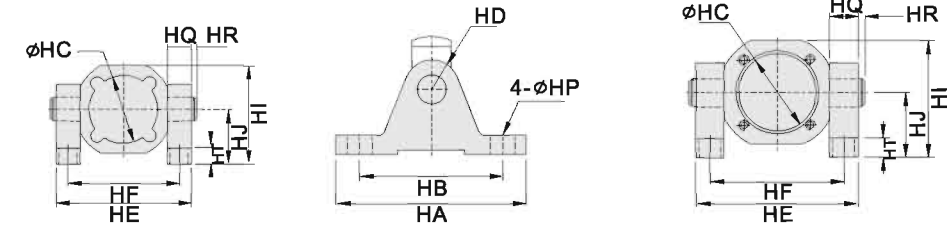
www.ptce.net

● TC中摆/TC Swinging



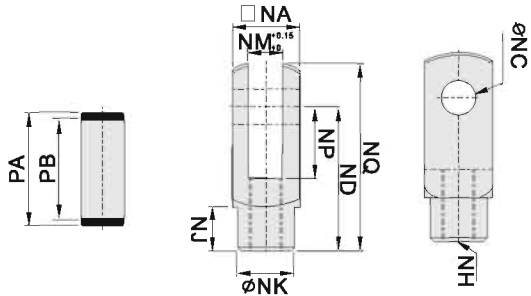
缸径/符号 Bore/Symbol	40	50	63	80	100	125	160	200
EB	113	126	138	164	182	210	264	336
EC	63	76	88	106.5	133	160	200	240
ED	37	47	56	70	84	110	140	175
EE	63	76	88	114	132	160	200	240
EG	25	25	25	25	25	25	32	48
EP	25	25	25	25	25	25	32	48
ET	30	30	30	35	40	30	38	44
S	45.5	55.5	68.5	87.5	107.5	134.5	175.5	212.5

● TC-M



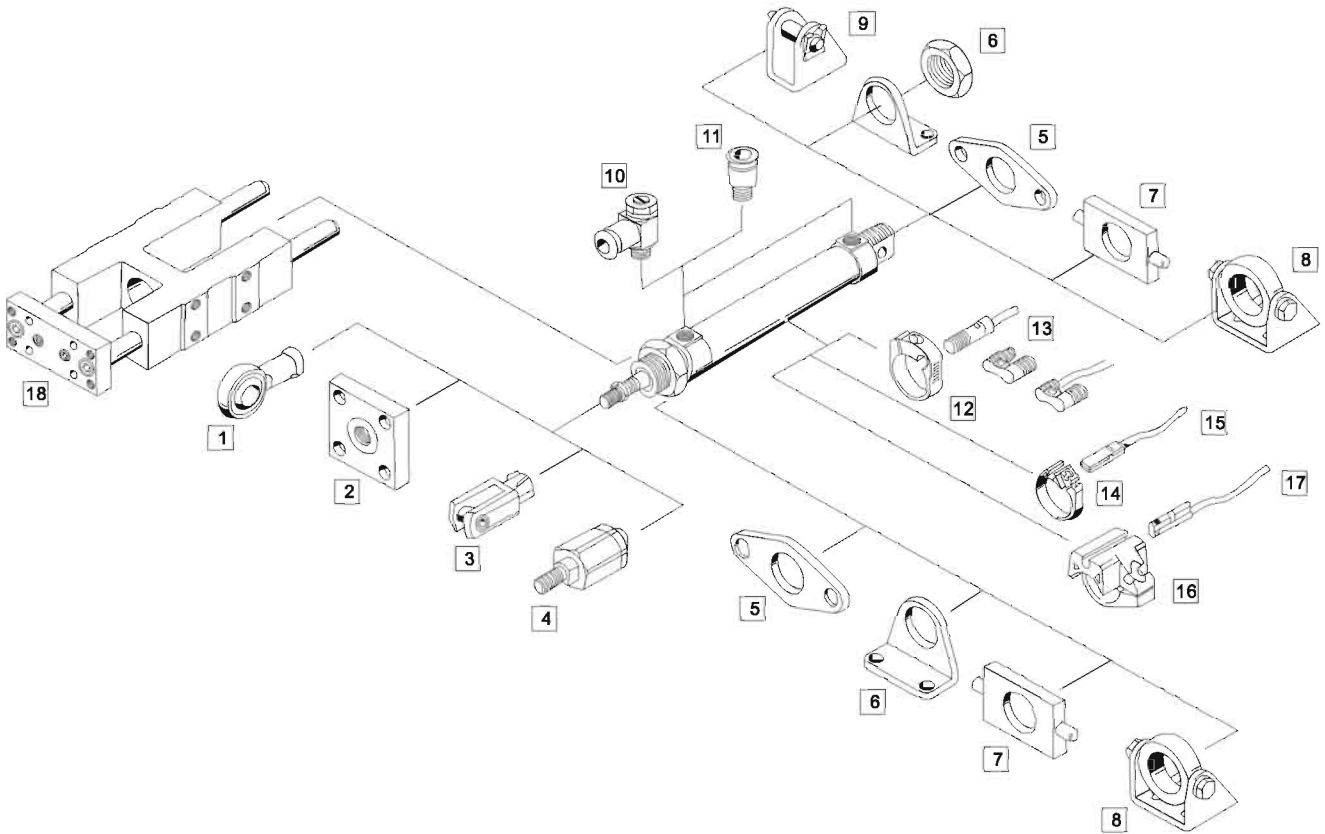
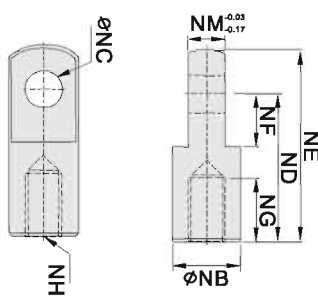
缸径/符号 Bore/Symbol	HA	HB	HC	HD	HE	HF	HI	HJ	HQ	HR	HT	HP
40	110	80	45.5	22	109	86	81.5	50	23	2	12	11
50	110	80	55.5	22	122	99	88	50	23	2	12	11
63	110	80	68.5	22	134	111	94	50	23	2	12	11
80	120	85	87.5	22	160	137	127	70	23	2	12	13
100	120	85	107.5	22	178	155	136	70	23	2	12	13

● Y接头/Y Connection



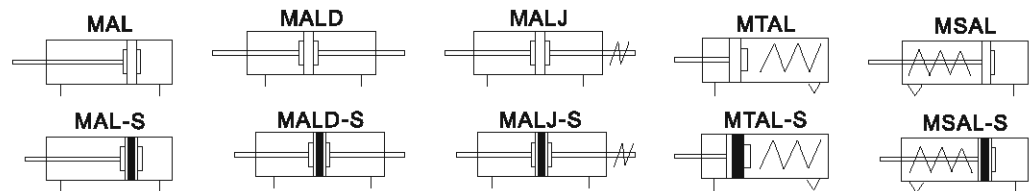
缸径/符号 Bore/Symbol	NA	NB	NC	ND	NE	NF	NG	NH	NJ	NK	NM	NP	NQ	PA	PB
32	19	20	10	40	52	15	20	M10X1.25	12	18	10	20	52	25	19.5
40	25.4	24	12	48	67	24	20	M12X1.25	20	23	12	24	62	32.8	26.5
50	32	32	16	64	89	32	23	M16X1.5	22	30	16	32	83	39.3	33
63	32	32	16	64	89	32	23	M16X1.5	22	30	16	32	83	39.3	33
80	44.4	40	16	80	112	40	30	M20X1.5	30	39	20	40	105	53.3	45
100	44.4	40	20	80	112	40	30	M20X1.5	30	39	20	40	105	53.3	45
125	55	45	25	110	155	40	56	M27X2	30	54	48	64	148	64	88
160	80	54	30	120	130	35	50	M36X2	40	54	40	35	150	91	81
200	80	54	30	120	130	35	50	M36X2	40	54	40	35	150	91	81

● I接头/I Connection



气缸理论出力表
Cylinder theory output Sheet

气缸内径 Cylinder Inside Diameter		16			20			25			32			40		
活塞杆外径 External Diameter of Piston Rod		6			8			10			12			16		
动作型式 Motion Pattern	伸出 Single-action	复动型 Double Action		伸出 Single-action	复动型 Double Action		伸出 Single-action	复动型 Double Action		伸出 Single-action	复动型 Double Action		伸出 Single-action	复动型 Double Action		伸出 Single-action
	伸出 Extrusion Side	拉侧 Pull Side	拉侧 Pull Side	伸出 Extrusion Side	拉侧 Pull Side	拉侧 Pull Side	伸出 Extrusion Side	拉侧 Pull Side	拉侧 Pull Side	伸出 Extrusion Side	拉侧 Pull Side	拉侧 Pull Side	伸出 Extrusion Side	拉侧 Pull Side	拉侧 Pull Side	伸出 Extrusion Side
受压面积 (cm ²) Compression Area	2.01	2.01	1.81	3.14	3.14	2.84	4.90	4.90	4.12	8.04	8.04	6.90	12.56	12.56	10.55	10.55
空气压力 (KGF/cm ²) Air Pressure	1	-	2.01	1.81	-	3.14	2.84	-	4.90	4.12	-	8.04	6.90	-	12.56	10.55
	2	-	4.02	3.62	1.57	6.28	5.28	2.45	9.80	8.24	4.02	16.08	13.80	6.28	25.12	21.10
	3	2.01	6.03	5.43	4.71	9.42	7.92	7.35	14.70	12.36	12.06	24.12	20.70	18.84	36.78	31.65
	4	4.02	8.04	7.24	7.85	12.56	10.56	12.25	19.60	16.48	20.10	32.16	27.60	31.40	50.24	42.20
	5	6.03	10.05	9.05	10.99	15.70	13.20	17.15	24.50	20.60	28.14	40.20	34.50	43.96	62.80	52.75
	6	8.04	12.06	10.86	14.13	18.84	15.84	22.05	29.40	24.72	36.18	48.24	41.40	56.52	75.36	63.30
	7	10.04	14.07	12.67	17.27	21.98	18.48	26.95	34.30	28.84	44.22	56.28	48.30	69.08	87.92	73.85
	8	-	-	-	20.41	25.12	21.12	31.85	39.20	32.96	52.26	64.32	55.20	81.64	100.48	84.40
	9	-	-	-	23.55	28.26	23.76	36.75	44.10	37.08	60.30	72.36	62.10	94.20	113.04	94.95



订购码/Ordering Code

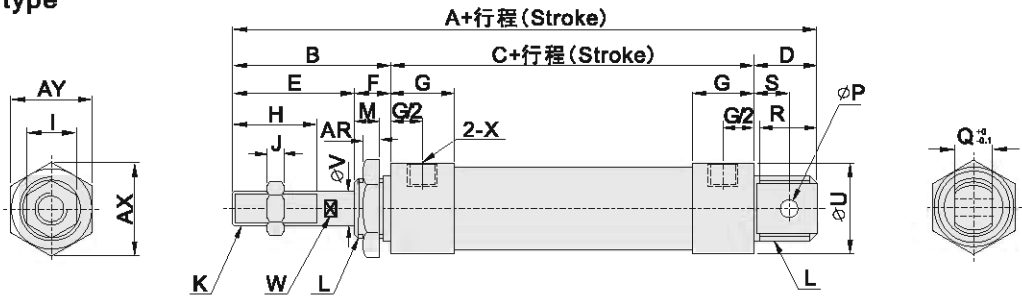
MAL	-	U	20	X	50	25	S	LB
型号/Type		后盖型式	缸径	行程			磁石代号	固定型式
MAL:复动型		空白:摆尾型	Cylinder Bore	Stroke			Magnet Code	空白:基本型
MSAL:单动型		CM:圆尾型			MALJ:可调行程		S:附磁石	LB:前后固定型
MALD:双轴复动型		U:平尾型			MALJ:adjust-able stroke type		空白:不附磁	FA:前盖固定型
MALJ:双轴可调型		Back:Cover Type					S:attach magnet	SDB:后盖摇摆型
MAL:Double Action		Blank:Fishtail type					Blank:not attach magnet	Fixed Type
MALD:Double-shaft Double Action		CM:Rounded type						Blank:basic type
MALJ:Double-shaft and adjustable stroke type		U:Horizontal type						LB: front and back fixed type
								FA: front cover fixed type
								SDB: back cover swinging type

规格/Specification

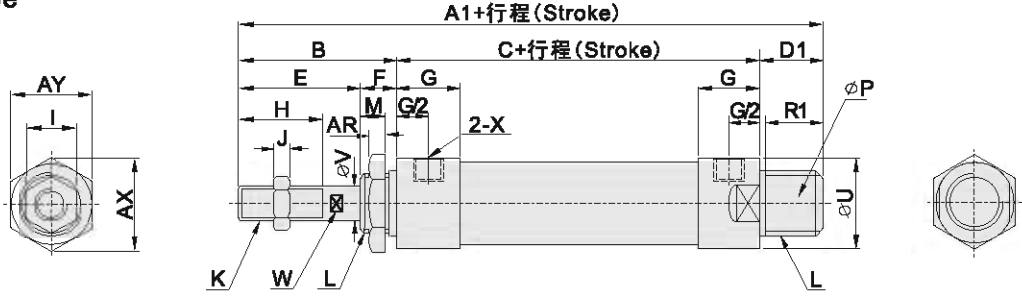
内径/Bore(mm)	16	20	25	32	40
动作形式/Motion Pattern	MAL、MALD、MALJ系列(Series): 复动型(Double Action); MSAL、MATL系列(Series): 单动型(Single Action)				
工作介质/Working Medium	空气/Air				
固定形式/Fixed Type	基本型/BasicType LB型/Type FA型/Type SDB型/Type				
使用压力范围 Bar	1~9.0				
保证耐压力 Bar	13.5				
使用温度范围 mm/s	0~70				
使用速度范围 mm/s	50~800				
缓冲型式/Buffer Type	缓冲垫片/Buffer spacer				
接管口径/Join Pipe Bore	M5X0.8 G1/8				

外形尺寸/Overall Dimension

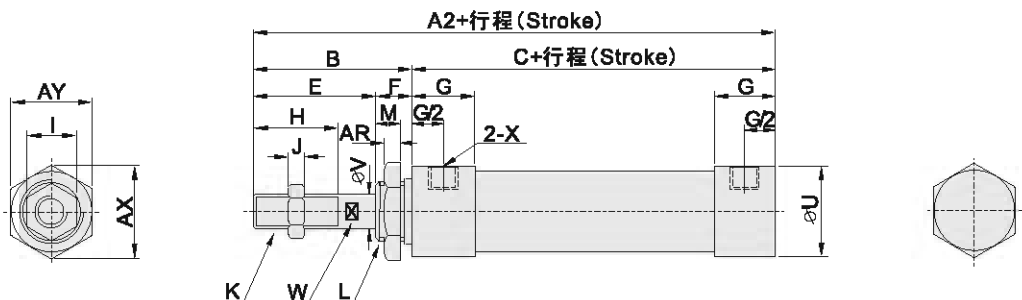
• MAL-CA摆尾型
Swiveling tail type



• MAL-CM圆尾型
Round tail type



• MAL-U平尾型
Flat tail type

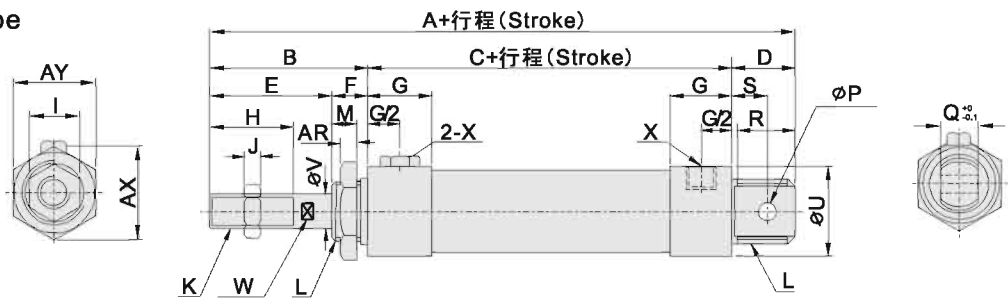


缸径/符号 Bore/Symbol	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
20	131	122	110	40	70	21	12	28	12	16	20	12	8	M8X1.25
25	135	128	114	44	70	21	14	30	14	16	22	17	6	M10X1.25
32	141	128	114	44	70	27	14	30	14	16	22	17	6	M10X1.25
40	165	152	138	46	92	27	14	32	14	22	24	17	7	M12X1.25

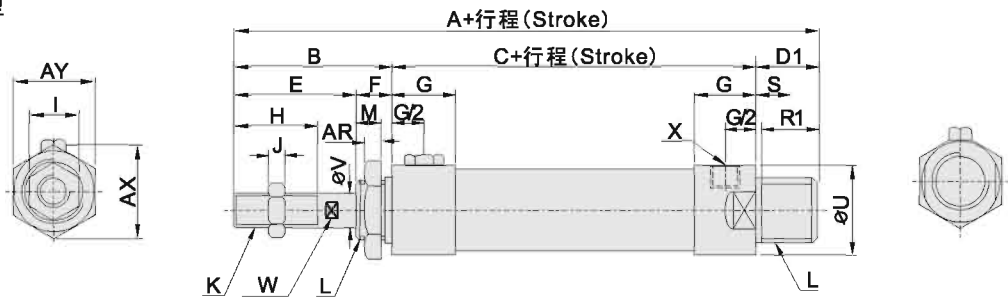
缸径/符号 Bore/Symbol	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
20	M22X1.5	10	8	16	19	10	12	29	8	6	PT1/8	7	33	29
25	M22X1.5	12	8	16	19	12	12	34	10	8	PT1/8	7	33	29
32	M24X2.0	12	10	16	25	12	15	39.5	12	10	PT1/8	8	37	32
40	M30X2.0	12	12	20	25	12	15	49.5	16	14	PT1/4	9	47	41

外形尺寸/Overall Dimension

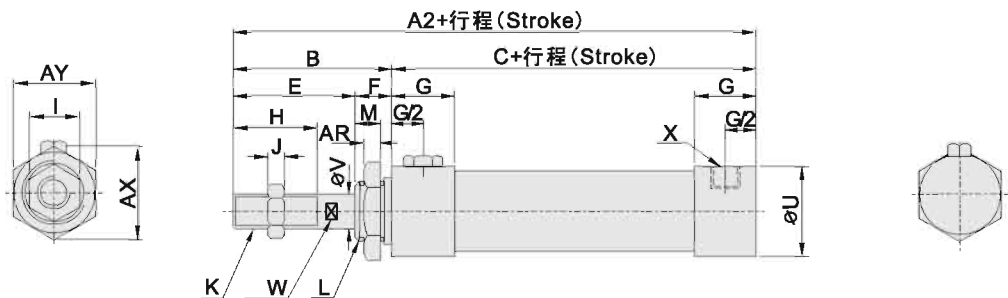
● MSAL-CA摆尾型
Swiveling tail type



● MSAL-CM圆尾型
Round tail type



● MSAL-U平尾型
Flat tail type

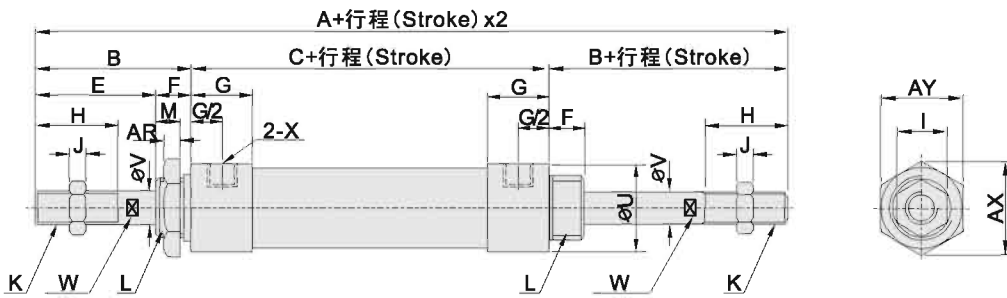


符号/Symbol	A			A1			A2			B	C			D	D1	E	F	G	H	I	J
	0-50	51-100	101-150	0-50	51-100	101-150	0-50	51-100	101-150		0-50	51-100	101-150								
20	156	181	206	147	172	197	135	160	185	40	95	120	145	21	12	28	12	16	20	12	6
25	160	185	210	153	178	203	139	164	189	44	95	120	145	21	14	30	14	16	22	17	6
32	166	191	216	153	178	203	139	164	189	44	95	120	145	27	14	30	14	16	22	17	6
40	190	215	240	177	202	227	163	188	213	46	117	147	167	27	14	32	14	22	24	17	7

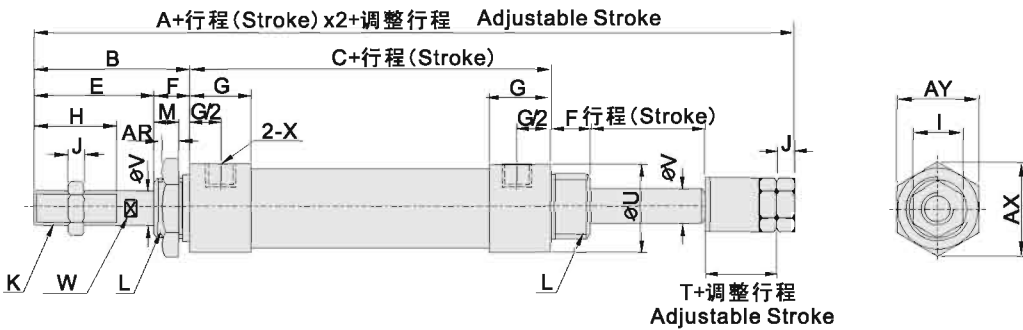
内径/行程 Bore/Stroke	K	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
20	M8X1.25	M22X1.5	10	8	16	19	10	12	29	8	6	PT1/8	7	33	29
25	M10X1.25	M22X1.5	12	8	16	19	12	12	34	10	8	PT1/8	7	33	29
32	M10X1.25	M24X2.0	12	10	16	25	12	15	39.5	12	10	PT1/8	8	37	32
40	M12X1.25	M30X2.0	12	12	20	25	12	15	49.5	16	14	PT1/4	9	47	41

外形尺寸/Overall Dimension

● MALD双轴复动型
Double-shaft Double Action



● MALJ双轴复动可调型
Double-shaft and adjustable stroke type



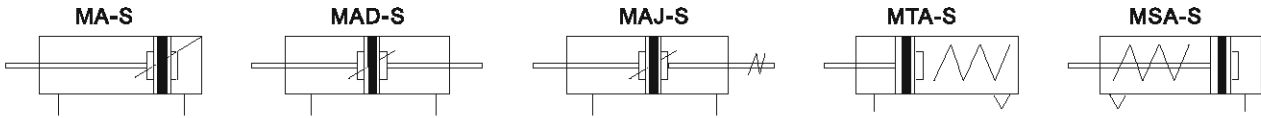
内径/符号 Bore/Symbol	A	B	C	E	F	G	H	I	J	K	L	M	U	V	W	X	AR	AX	AY
20	150	40	70	28	12	16	20	12	6	M8X1.25	M22X1.5	10	29	8	6	PT1/8	7	33	29
25	158	44	70	30	14	16	22	17	6	M10X1.25	M22X1.5	12	34	10	8	PT1/8	7	33	29
32	158	44	70	30	14	16	22	17	6	M10X1.25	M24X2.0	12	39.5	12	10	PT1/8	8	37	32
40	184	46	92	32	14	22	24	17	7	M12X1.25	M30X2.0	12	49.5	16	14	PT1/4	9	47	41

内径/符号 Bore/Symbol	A	B	C	E	F	G	H	I	J	K	L	M	T	U	V	W	X	AR	AX	AY
20	147	40	70	28	12	16	20	12	6	M8X1.25	M22X1.25	10	19	29	8	6	PT1/8	7	33	29
25	155	44	70	30	14	16	22	17	6	M10X1.25	M22X1.25	12	21	34	10	8	PT1/8	7	33	29
32	155	44	70	30	14	16	22	17	6	M10X1.25	M24X2.0	12	21	39.5	12	10	PT1/8	8	37	32
40	180	46	92	32	14	22	24	17	7	M12X1.25	M30X2.0	12	21	49.5	16	14	PT1/4	9	47	41

MA系列迷你气缸
MA SERIES MINI CYLINDER



ISO9001:2000



订购码/Ordering Code

MA	U	20	X	50	25	S	LB
型号/Type MA:复动型 MSA:单动型 MAD:双轴复动型 MAJ:双轴可调型 MA:Double Action MSA:Single Action MAD:Double-shaft Double Action MAJ: Double-shaft and adjustable stroke type	后盖型式 空白:摆尾型 CM:圆尾型 U:平尾型 Back:Cover Type Blank:Fishtail type CM:Rounded type U:Horizontal type	缸径 Cylinder Bore	行程 Stroke	MALJ 可调行程 MALJ adjust-able stroke type	磁石代号 Magnet Code S:附磁石 空白:不附磁 S:attach magnet Blank:not attach magnet	固定型式 空白:基本型 LB:前后固定型 FA:前盖固定型 SDB:后盖摇摆式 Fixed Type Blank:basic type LB: front and back fixed type FA: front cover fixed type SDB: back cover swinging type	

规格/Specification

内径/Bore(mm)	16	20	25	32	40
动作形式/Motion Pattern	复动型或单动型/Double Action or Single Action				
工作介质/Working Medium	空气/Air				
固定型式/Fixed Type	基本型/BasicType LB型/Type FA型/Type SOB型/Type				
使用压力范围 Bar Operating Voltage Range	1~9.0				
保证耐压力 Bar Ensured Pressure Resistance	13.5				
使用温度范围 °C Operating Temperature Range	50~70 °C				
使用速度范围 mm/s Operating Speed Range	50~800				
缓冲型号/Buffer Type	缓冲垫片/Buffer spacer				
接管口径/Joint Pipe Bore	M5X0.8	G1/8			

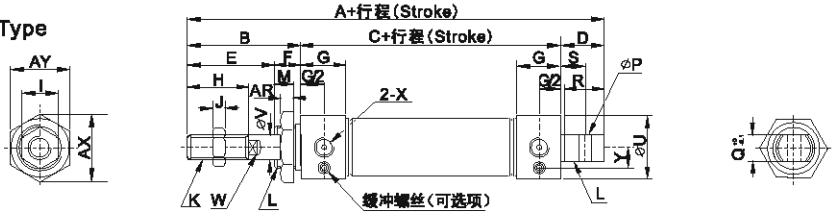
MA系列迷你气缸
MA SERIES MINI CYLINDER



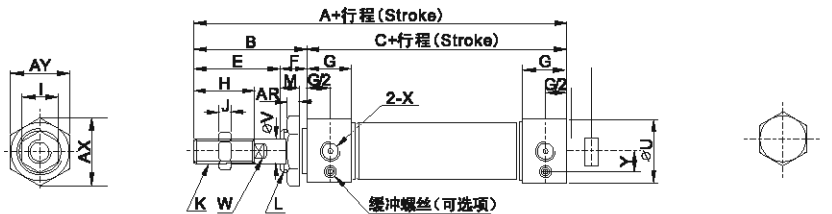
ISO9001:2000

外形尺寸/Overall Dimension

MA-CA摆尾型/Swiveling Tail Type
φ16~φ40



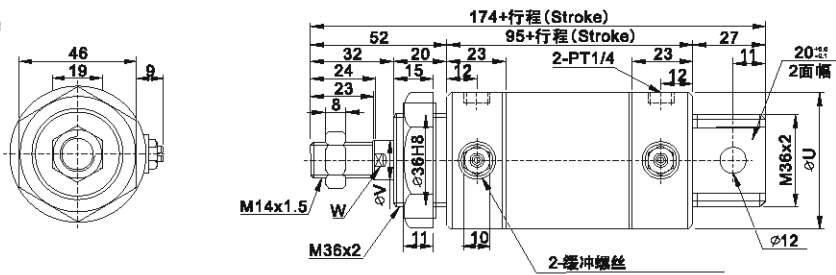
MA-CA摆尾型/Flat Tail Type
φ16~φ40



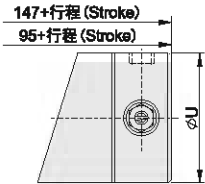
内径/符号 Bore/Symbol	A	A1	B	C	D	E	F	G	H	I	J	K
16	114	98	38	80	16	22	16	10	16	10	5	M6X1
20	137	116	40	76	21	28	12	16	20	12	6	M8X1.25
25	141	120	44	76	21	30	14	16	22	17	6	M10X1.25
32	147	120	44	76	27	30	14	16	22	17	6	M10X1.25
40	149	122	48	76	27	32	14	16.7	24	17	7	M12X1.25

内径/符号 Bore/Symbol	L	M	P	Q	R	S	U	V	W	X	AR	AX	AY	Y
16	M16X1.5	14	6	12	14	9	21	6	5	M5	6	25	22	-
20	M22X1.5	10	8	16	19	12	27	8	6	PT1/8	7	33	29	9
25	M22X1.5	12	8	16	19	12	30	10	8	PT1/8	7	33	29	10.5
32	M24X2.0	12	10	16	25	15	35	12	10	PT1/8	8	37	32	13
40	M30X2.0	12	12	20	25	15	41.6	16	14	PT1/8	9	47	41	15

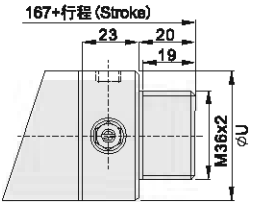
MA-CM圆尾型/Round Tail Type
φ50~φ63



平尾型/Flat Tail Type



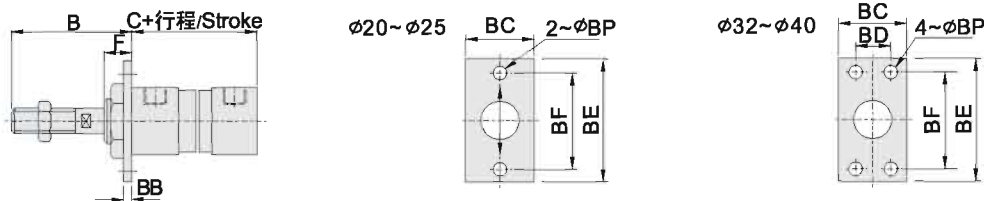
圆尾型/Round Tail Type



内径/符号 Bore/Symbol	U	V
50	53	16
63	67	16

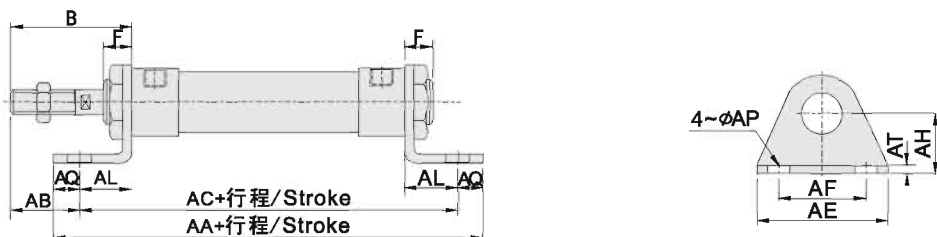
外部规格/Outer Specification

FA



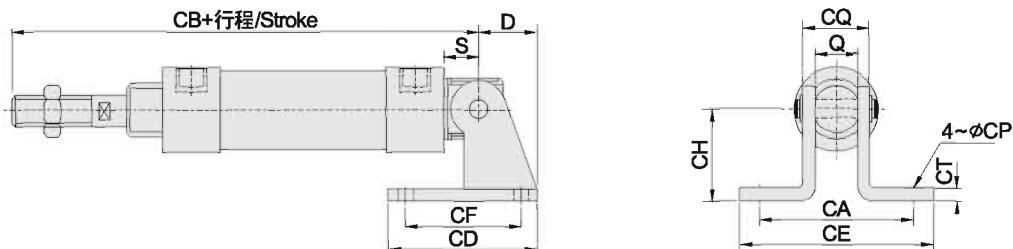
符号/Symbol 缸径/行程 Cylinder/Stroke	B	C (MA系列)	C (MSA系列 / Series)			BB	BC	BD	BE	BF	BP	F
			0-50	51-100	101-150							
16	38	60	85	110	-	3	26	-	52	40	5.5	16
20	40	76	101	126	151	4	38	-	64	50	6.5	12
25	44	76	101	126	151	4	38	-	64	50	6.5	14
32	44	76	101	126	151	4	47	33	72	58	6.5	14
40	46	76	101	126	151	4	50	36	84	70	6.5	14

LB



符号/Symbol 缸径/行程 Cylinder/Stroke	B	F	AA (Ma系列) Ma Series	AA (MSA系列 / Series)			AB	AC (Ma系列) Ma Series	AC (MSA系列 / Series)			AE	AF	AL	AQ	AP	AT	AH
				0-50	51-100	101-150			0-50	51-100	101-150							
16	38	16	98	123	148	-	25	86	111	136	-	44	32	13	6	5.5	3	20
20	40	12	122	147	172	197	25	106	131	156	181	54	40	15	8	6.5	3	25
25	44	14	122	147	172	197	29	106	131	156	181	54	40	15	8	6.5	3	25
32	44	14	142	167	192	217	19	126	151	176	201	59	45	25	8	6.5	4	32
40	46	14	142	167	192	217	21	126	151	176	201	64	50	25	8	6.5	4.5	36

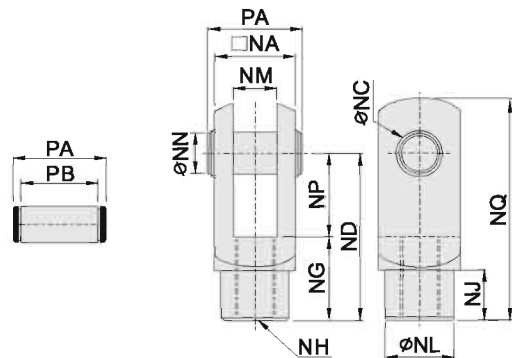
SDB



符号/Symbol 缸径/行程 Cylinder/Stroke	D	S	Q	CA	CB (Ma系列) (Ma Series)	CB (MSA系列 / Series)			CD	CE	CF	CH	CT	CP	CQ
						0-50	51-100	101-150							
16	16	9	12	-	107	132	157	-	23	16	12	20	2.3	5.5	16.5
20	21	12	16	51	128	153	178	203	48	67	32	32	3	6.5	22
25	21	12	16	51	132	157	182	207	48	67	32	32	3	6.5	22
32	27	15	16	51	135	160	185	210	52	67	36	36	4	6.5	24
40	27	15	20	55	137	162	187	212	56	71	40	40	4	6.5	28

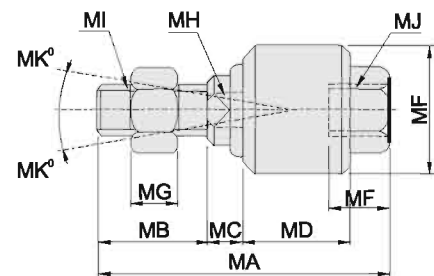
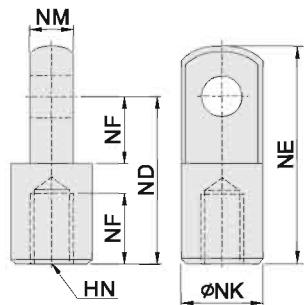
外部规格/Outer Specification

Y接头/Y Connection

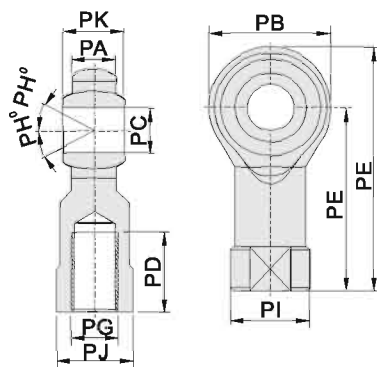


内径/符号 Bore/Symbol	NA	NC	ND	NE	NF	NG	NH	NJ	NK	NL	NM	NN	NP	NQ	NA	NB
16	12	3.5	12	28	8.5	12.5	M6X1	7	12	12	6	6	8.5	28	17	12.5
20	16	8	30	40	11	15	M8X1.25	10	16	14	8	8	15	40	21	16.5
25	19	10	40	52	15	20	M10X1.25	12	20	18	10	10	20	52	25	19.5
32	19	10	40	52	15	20	M10X1.25	12	20	18	10	10	20	52	25	19.5
40	25.4	10	48	67	15	25	M12X1.25	20	24	23	14	10	20	57	31	26

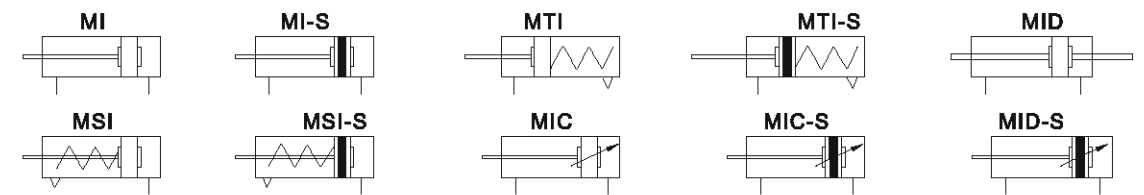
I接头/I Connection



缸径/符号 Bore/Symbol	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK
20	51	20	6	17	24	11.5	6	8	M8X1.25	M8X1.25	13
25	58	22	7	21	26	11.5	7	10	M10X1.25	M10X1.25	12
32	58	22	7	21	26	11.5	7	10	M10X1.25	M10X1.25	12
40	58	22	8	21	28	11.5	8	12	M12X1.25	M12X1.25	12
50	70	22.5	8.5	28	34.5	13	8	15	M14X1.5	M14X1.5	13
63	70	22.5	8.5	28	34.5	13	8	15	M14X1.5	M14X1.5	13



缸径/符号 Bore/Symbol	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK
20	9	24	8	16	36	48	M8X1.25	13	16	14	12
25	11	26	10	20	43	56	M10X1.25	13	19	17	14
32	11	26	10	20	43	56	M10X1.25	13	19	17	14
40	12	32	12	24	50	66	M12X1.25	13	22	19	16
50	15	40	16	28	64	84	M16X1.5	15	27	22	21
63	15	40	16	28	64	84	M16X1.5	15	27	22	21



订购码/Ordering Code

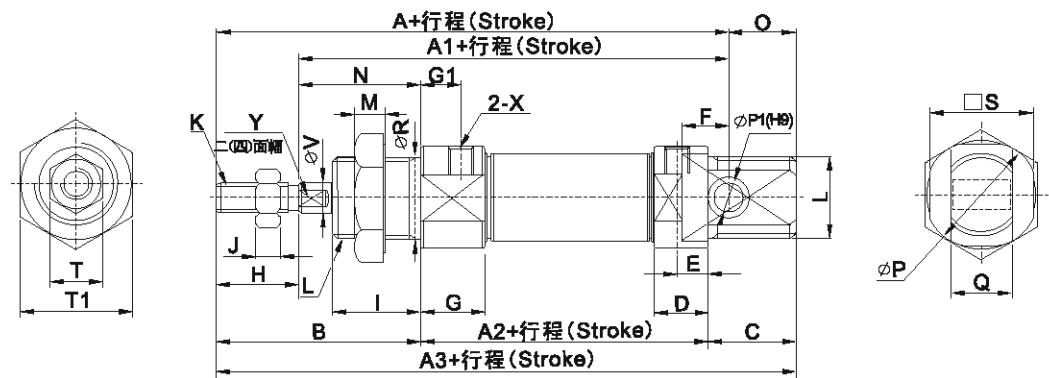
MI 20 X 50 S LB
型号/Type
MI:复动基本型
MID:双轴复动型
MIJ:双轴可调型
MI:Double Action
MID:Double-shaft
Double Action
MIJ:Double-shaft and
adjust able stroke type
缸径
Cylinder Bore
行程
Stroke
磁石代号
Magnet Code
S:附磁石
空白:不附磁
S:attach magnet
Blank:not attach magnet
固定型式/Fixed Type
空白:基本型
LB:前后固定型
FA:前盖固定型
SOB:后盖摇摆式
Fixed Type
Blank:basic type
LB: front and back fixed type
SOB: back cover swinging type

规格/Specifcation

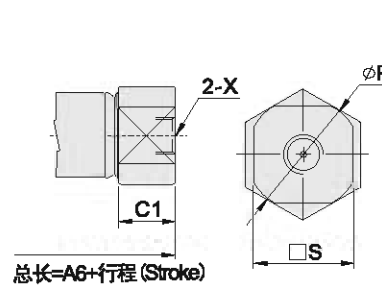
内径/Bore(mm)	8	10	12	16	20	25	32	40	40
动作形式/Motion Pattern	复动型、单动伸出型、单动引入型/Double Action、Single action Extrusion-type、								
工作介质/Working Medium	空气/Air								
固定型式/Fixed Type	基本型/BasicType LB型/Type FA型/Type SOB型/Type								
使用压力范围 Bar Operating Voltage Range	1~9.0								
保证耐压力 Bar Ensured Pressure Resistance	13.5								
使用温度范围 °C Operating Temperature Range	0~70°C								
使用速度范围 mm/s Operating Speed Range	50~800								
缓冲型号/Buffer Type	缓冲垫片/Buffer spacer								
接管口径/Joint Pipe Bore	M5X0.8				G1/8				

外部规格/Outer Specification

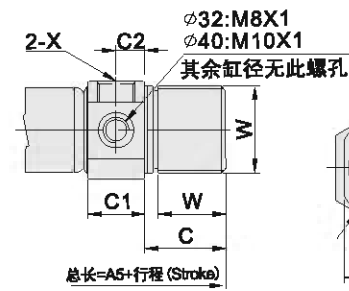
CA型/CA Type



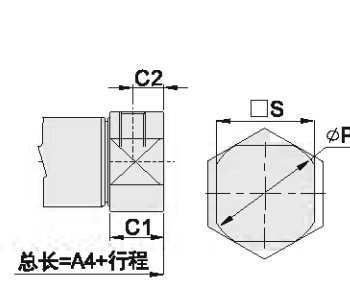
R型/R Type



CM型/CM Type



U型/U Type



内径/符号 Bore/Symbol	A	A1	A2	A3	A4	A5	A6	B	C	C1	C2	D	E	F	G	G1	H	I
8	76	64	46	86	74	-	-	28	12	9.5	5	9.5	5	6	11.5	7	12	12
10	76	64	46	86	74	-	-	28	12	9.5	5	9.5	5	6	11.5	7	12	12
12	91	75	50	105	88	-	-	38	17	10.5	6	10.5	6	9	12.5	8	16	17
16	98	82	65	111	94	111	94	38	17	10.5	6	10.5	6	9	12.5	8	16	17
20	115	95	62	126	108	126	108	44	20	14.5	7.5	14.5	7.5	12	14.5	7.5	20	20
25	128	104	65	137	115	137	114.5	50	22	15.5	8	16	8	12	16	8	22	22
32	-	-	-	-	125	140	126	58	14	15.5	8	-	-	-	16.5	9	20	30
40	-	-	-	-	158	174	158	69	16	22	11.5	-	-	-	22	12	24	35

内径/符号 Bore/Symbol	J	K	L	M	N	O	P	P1	Q	R	S	T	T1	X	V	W	Y
8	2.5	M4X0.7	M12X1.25	6	16	10	17	4	8	12	15	7	17	M5X0.8	4	-	-
10	2.5	M4X0.7	M12X1.25	6	16	10	17	4	8	12	15	7	17	M5X0.8	4	-	-
12	5	M6x1.0	M16x1.5	6	12	14	20	6	12	16	18	10	22	M5x0.8	6	-	-
16	5	M6X1.0	M16X1.5	6	22	13	22	6	12	16	20	10	22	M5X0.8	6	13.5	5
20	6	M8X1.25	M22X1.5	7	22	11	29	8	16	22	25	12	29	G1/8	8	16.5	6
25	6	M10X1.25	M22X1.5	7	28	11	33.5	8	16	22	30	17	29	G1/8	10	18.5	8
32	6	M10X1.5	M30X1.5	7	38	-	37.5	-	-	30	34.5	17	36	G1/8	12	10.5	10
40	7	M12X1.75	M38X1.5	8	45	-	46.5	-	-	38	42.5	17	46	G1/4	16	12.5	14

CJ2B系列迷你气缸
CJ2B SERIES MINI CYLINDER



ISO9001:2000



缸径/Bore	6	10	16
工作介质\Working medlum	空气/Air		
保证耐压力 Ensured Pressure Resistance	10.5		
最高使用压力 Bar Maximum Working-pressure Mpa	7		
最低使用压力 Bar Minimum Working-pressure Mpa	1.2	0.6	
使用温度范围℃ Operating Temperature Range	-10~70℃		
使用速度范围(mm/s) Operating Speed Range	50~750mm/s		
缓冲型式/Cushion type	两端橡胶缓冲(缓冲) Both ends cushion		
行程公差/Tokerance of Stroke	±1.0mm		

订购码/Ordering Code

CJ2B - □ - 6 - 15 S R
CJ2B系列 SMC CJ2B Series
动作型式 Motion pattern
空白:基本型 Blank:Double acting
S:单动伸出型 S:Single acting spring extent
T:单动引入型 T:Single actingspring return
缸径 Bore
6 :φ6
10 :φ10
16 :φ16
行程 Stroke
S:附磁石 S:attach magnet
空白:不附磁石 Blank:no attach magnet
R:轴向 R:Horizontal

CDM2B系列迷你气缸
CDM2B SERIES MINI CYLINDER

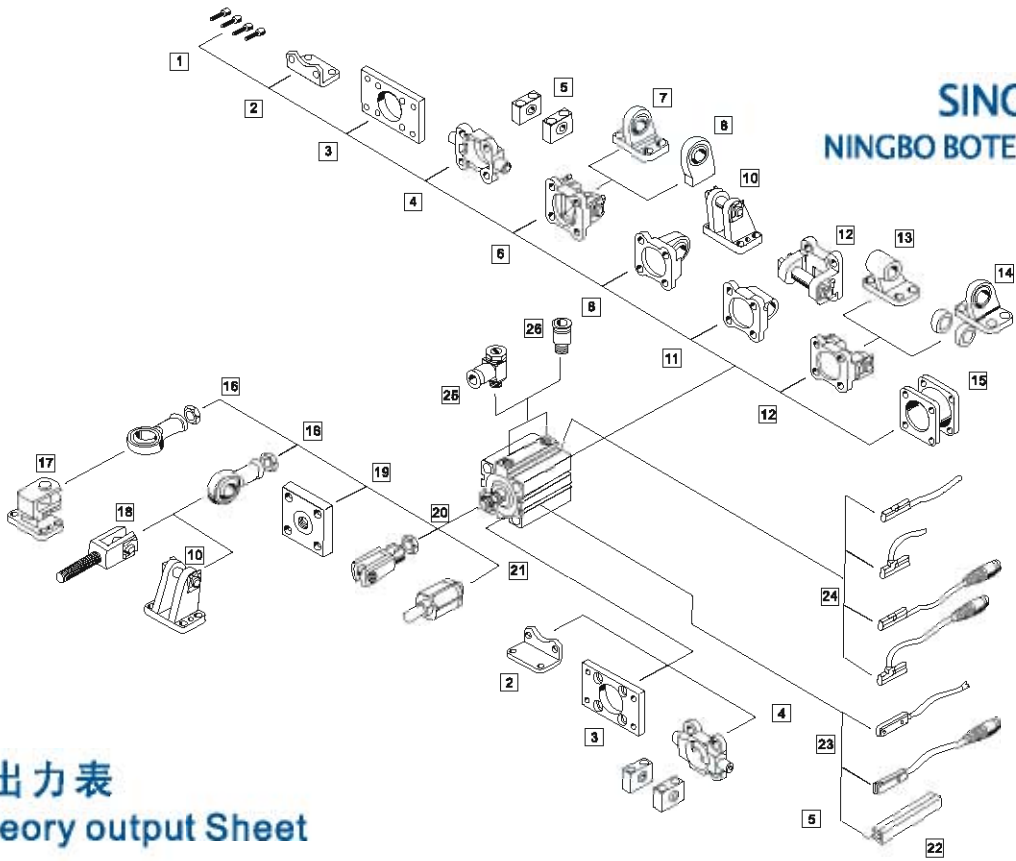


缸径/Bore	6	10	16
工作介质/Working medium	空气/Air		
动作型式/Motion Pattern	复动式/Double Acting		
工作压力/Working Pressure	0.05~1.0Mpa		
使用温度范围℃ Operating Temperature Range	-10~70℃		
缓冲型式/Cushion type	橡胶缓冲(标准),气缓冲(任选) Adjustable cushion optional		
使用速度范围 (mm/s) Operating Speed Range	50~750mm/s		

订购码/Ordering Code

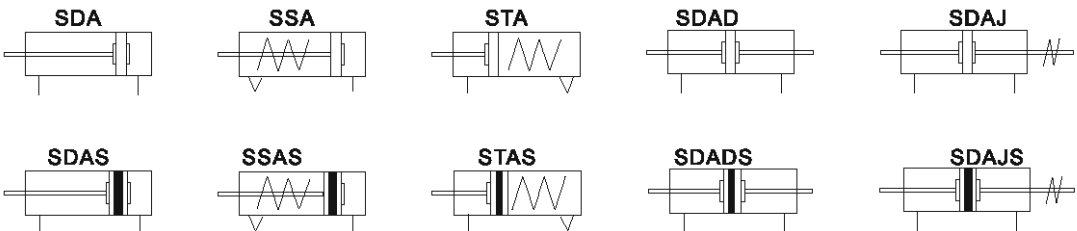
CDM2B - □ - 6 - 15 S R
CDM2B系列 SMC CDM2B Series
动作型式 Motion pattern
空白:基本型 Blank:Double acting
S:单动伸出型 S:Single acting spring extent
T:单动引入型 T:Single actingspring return
缸径 Bore
6 :φ6
10 :φ10
16 :φ16
行程 Stroke
S:附磁石 S:attach magnet
空白:不附磁石 Blank:no attach magnet
R:轴向 R:Horizontal

SINO-KOREA
NINGBO BOTE PNEUMATIC



气缸理论出力表
Cylinder theory output Sheet

缸径 (Cylinder Bore) (mm)	活塞杆外径 External Diameter of Pistonrod (mm)	动作模式 Motion Pattern	受压面积 Compression Area (mm ²)	空气压力 (Mpa) / Air Pressure						
				0.1	0.2	0.3	0.4	0.5	0.6	0.7
12	6	伸出单动/Single Action Extrusion	113	-	12.6	23.9	35.2	46.5	57.8	69.1
		引入单动/Single Action Drawingin	85	-	7.0	15.5	24.0	32.5	41.0	49.5
		复动型 伸出/Charge Side	113	-	22.6	33.9	45.2	56.5	67.8	79.1
		Double Action 拉侧/Pull Side	85	-	17	25.5	34	42.5	51	59.5
16	6	伸出单动/Single Action Extrusion	201	-	20.2	40.3	60.4	80.5	100.6	120.7
		引入单动/Single Action Drawingin	173	-	14.6	31.9	49.2	66.5	83.8	101.1
		复动型 伸出/Charge Side	201	-	40.2	60.3	80.4	100.5	120.6	140.7
		Double Action 拉侧/Pull Side	173	-	34.6	51.9	69.2	86.5	103.8	121.1
20	8	伸出单动/Single Action Extrusion	314	-	39.8	71.2	102.6	134.0	165.4	196.8
		引入单动/Single Action Drawingin	264	-	29.8	56.2	82.6	109.0	135.4	161.8
		复动型 伸出/Charge Side	314	-	62.8	94.2	125.6	157.0	188.4	219.8
		Double Action 拉侧/Pull Side	264	-	52.8	79.2	105.6	132.0	158.4	184.8
25	10	伸出单动/Single Action Extrusion	490	-	69.5	118.5	167.5	216.5	265.5	314.5
		引入单动/Single Action Drawingin	412	-	53.9	95.1	136.3	177.5	218.7	259.9
		复动型 伸出/Charge Side	490	-	98.0	147.0	196.0	245.0	294.0	343.0
		Double Action 拉侧/Pull Side	412	-	82.4	123.6	164.8	206.0	247.2	288.4
32	12	伸出单动/Single Action Extrusion	804	-	105.3	185.7	266.1	346.5	426.9	507.3
		引入单动/Single Action Drawingin	690	-	82.5	151.5	220.5	289.5	358.5	427.5
		复动型 伸出/Charge Side	804	-	160.8	241.2	321.6	402.0	482.4	562.8
		Double Action 拉侧/Pull Side	690	-	138.0	207.0	276.0	345.0	414.0	483.0
40	16	伸出单动/Single Action Extrusion	1256	-	168.5	293.8	419.4	545.0	670.6	796.2
		引入单动/Single Action Drawingin	1055	-	128.0	233.5	339.0	444.5	550.0	655.5
		复动型 伸出/Charge Side	1256	125.6	251.0	376.8	502.4	628.0	753.6	879.2
		Double Action 拉侧/Pull Side	1055	105.5	211.0	316.5	422.0	527.5	633.0	738.5
50	20	伸出单动/Single Action Extrusion	1963	89.3	285.6	481.9	678.2	874.5	1070.8	1267.1
		引入单动/Single Action Drawingin	1649	57.9	222.8	387.7	552.6	717.5	882.4	1047.3
		复动型 伸出/Charge Side	1963	196.3	392.6	588.9	785.2	981.5	1177.8	1374.1
		Double Action 拉侧/Pull Side	1649	164.9	329.8	494.7	659.6	824.5	989.4	1154.3
63	20	伸出单动/Single Action Extrusion	3117	135.7	447.4	759.1	1070.8	1328.5	1694.2	2005.9
		引入单动/Single Action Drawingin	2803	104.3	384.6	664.6	945.2	1225.5	1505.8	1786.1
		复动型 伸出/Charge Side	3117	311.7	623.4	935.1	1246.8	1558.5	1870.2	2181.9
		Double Action 拉侧/Pull Side	2803	280.3	560.6	840.9	1121.2	1401.5	1681.8	1962.1
80	25	复动型 伸出/Charge Side	5026	502.6	1005.2	1507.8	2010.4	2513.0	3015.6	3518.2
		Double Action 拉侧/Pull Side	4536	453.6	907.2	1360.8	1814.4	2268.0	2721.6	3175.2
100	32	复动型 伸出/Charge Side	7853	785.3	1570.6	2355.9	3141.2	3926.5	4711.8	5497.1
		Double Action 拉侧/Pull Side	7049	704.9	1409.8	2114.7	2819.6	3524.5	4229.4	4934.3



订购码/Ordering Code

SDA - S - 20 - 30 - 30 - B

系列代号
SDA:复动型
SSA:单动伸出型
STA:单动引入型
SDAD:双轴复动型
SDAJ:双轴复动可调型
Series Code
SDA:Double Action
SSA:Single Action
Extrusion Type
STA:Single Action
drawing in Type
SDAD:Double-shaft Type
SDAJ:Axis complex action
Adjustable

磁石代号
S:附磁石
空白:不附磁石
S:attach magnet
Blank:no attach
magnet

缸径
Cylinder Bore

行程
Stroke

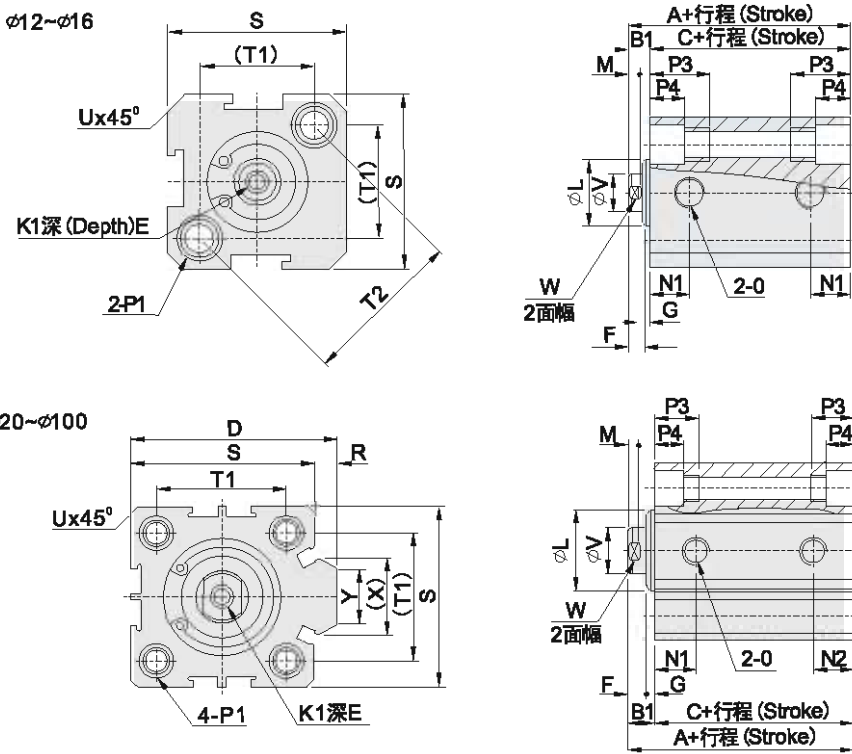
调整行程
Adjustable stroke
10:10mm
20:20mm
30:30mm
40:40mm
50:50mm
75:75mm
100:100mm

牙型
Cog Type
空白:内牙
B:外牙
N:无牙
Blank:Internal Thread
B:External Thread
N:NoThread

缸径/Bore	12	16	20	25	32	40	50	63	80	100
动作模式 Action Pattern	复动型/Double Action									
工作介质/Working Medium	空气/Air									
使用压力范围 Operating Voltage Range	0.1~0.9Mpa									
保证耐压力/Ensured Pressure Resistance	1.5Mpa(213psi)									
工作温度/Temperature	-5~70°C									
使用压力范围 Operating Voltage Range	30~500mm/s									
缓冲型式/Buffer Type	防撞型/Anti-bump type									
接管口径/Join Pipe Bore	M5X0.8									

外部规格/Outer Specification

SDA/SDAS
(复动型/Double Action)



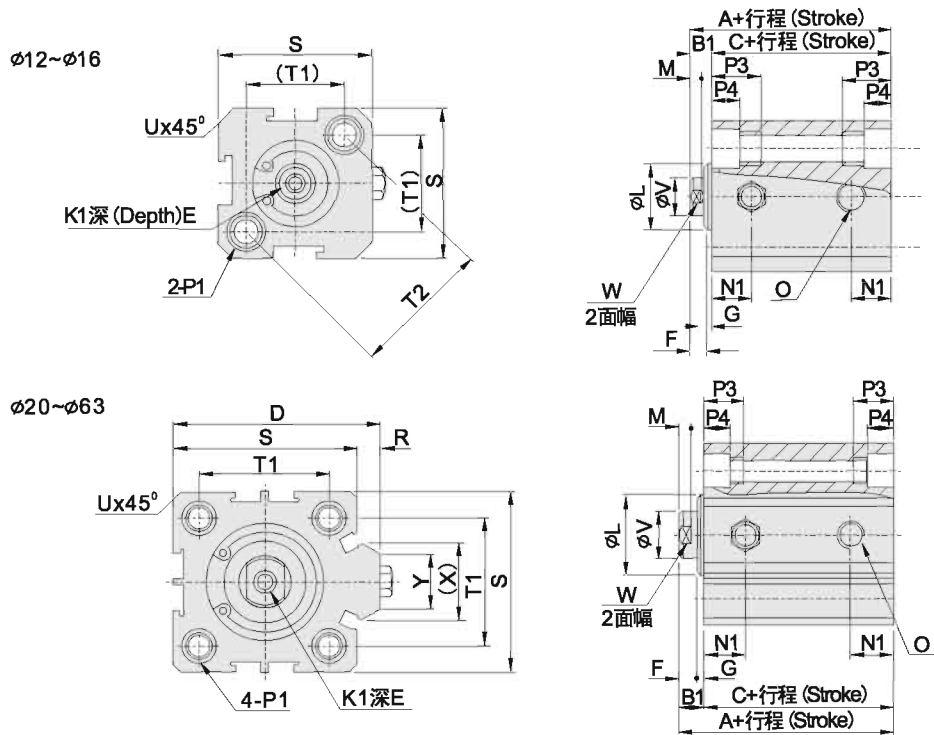
尺寸表/Dimension Sheet

型式/Type 内径/符号 Bore/Symbol	标准型 Standard type			附磁石型 Attach magnet			D	E	F	G	K1	L	M	N1		N2	
	A	B1	C	A	B1	C								S=5	S>5	S=5	S>5
12	22	5	17	32	5	27	-	6	4	1	M3X0.5	10.2	2.8	7.5		5	
16	24	5.5	18.5	34	5.5	28.5	-	6	4	1.5	M3X0.5	11	2.8	8		5.5	
20	25	5.5	19.5	35	5.5	29.5	36	8	4	1.5	M4X0.7	13	2.8	9		5.5	
25	27	6	21	37	6	31	42	10	4	2	M5X0.8	17	2.8	9.2		5.5	
32	31.5	7	24.5	41.5	7	34.5	50	12	4	3	M6X1	22	2.8	9		9	
40	33	7	26	43	7	36	58.5	12	4	3	M8X1.25	28	2.8	9.5		7.5	
50	37	9	28	47	9	38	71.5	15	5	4	M10X1.5	38	2.8	10.5		10.5	
63	41	9	32	51	9	42	84.5	15	5	4	M10X1.5	40	2.8	9.5	12	9.5	11
80	52	11	41	62	11	51	104	20	6	5	M14X1.5	45	4	11.5	14.5	11.5	14.5
100	63	12	51	73	12	61	124	20	7	5	M18X1.5	55	4	16	20.5	16	20.5

型式/Type 内径/符号 Bore/Symbol	O	P1			P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5X0.8	双边: φ 6.5	牙: M5X0.8	通孔: φ 4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	M5X0.8	双边: φ 6.5	牙: M5X0.8	通孔: φ 4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	M5X0.8	双边: φ 6.5	牙: M5X0.8	通孔: φ 4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	M5X0.8	双边: φ 8.2	牙: M6X1.0	通孔: φ 4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	PT1/8	双边: φ 8.2	牙: M6X1.0	通孔: φ 4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	PT1/8	双边: φ 10	牙: M8X1.25	通孔: φ 6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	PT1/4	双边: φ 11	牙: M8X1.25	通孔: φ 6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	PT1/4	双边: φ 11	牙: M8X1.25	通孔: φ 6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20
80	PT3/8	双边: φ 14	牙: M12X1.75	通孔: φ 9.2	25	10.5	10	94	74	-	3.65	25	22	36	26
100	PT3/8	双边: φ 17.5	牙: M14X2	通孔: φ 11.3	30	13	10	114	90	-	3.65	32	27	35	26

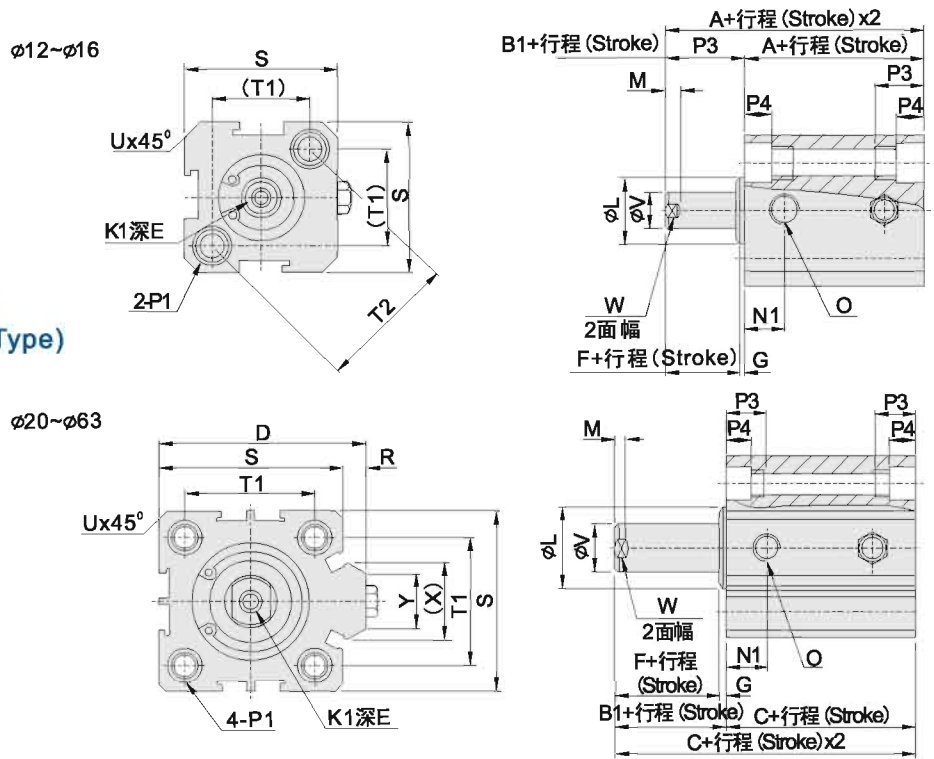
外部规格/Outer Specification

● SSA/SSAS (单动伸出型/
Single Action Extrusion Type)



外部规格/Outer Specification

● STA/STAS (单动引入型/
Single Action drawingin Type)



尺寸表/Dimension Sheet

型式/Type	标准型/Standard type					附磁型/Attach magnet					D	E	F	G	K1	L	M	N1	
内径/符号 Bore/Symbol 行程/Stroke	A		B1	C		A		B1	C									S=5	S>5
	≤10	>10		≤10	>10	≤10	>10		≤10	>10									
12	32	42	5	27	37	42	52	5	37	47	-	6	4	1	M3X0.5	10.2	2.8	7.5	
16	34	44	5.5	28.5	38.5	44	54	5.5	38.5	48.5	-	6	4	1.5	M3X0.5	11	2.8	8	
20	35	45	5.5	29.5	39.5	45	55	5.5	39.5	49.5	36	8	4	1.5	M4x0.7	13	2.8	9	
25	37	47	6	31	41	47	57	6	41	51	42	10	4	2	M5X0.8	17	2.8	9.2	
32	41.5	51.5	7	34.5	44.5	51.5	61.5	7	44.5	54.5	50	12	4	3	M6X1	22	2.8	9	
40	43	53	7	36	46	53	63	7	46	56	58.5	12	4	3	M8X1.25	28	2.8	9.5	
50	47	57	9	38	48	57	67	9	48	58	71.5	15	5	4	M10X1.5	38	2.8	10.5	
63	51	61	9	42	52	61	71	9	52	62	84.5	15	5	4	M10X1.5	40	2.8	9.5 12	

内径/符号 Bore/Symbol	O	P1									P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5X0.8	双边/Double Side: φ6.5		牙/Cog:M5X0.8		通孔Through Hole: φ4.2					12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	M5X0.8	双边/Double Side: φ6.5		牙/Cog:M5X0.8		通孔Through Hole: φ4.2					12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	M5X0.8	双边/Double Side: φ6.5		牙/Cog:M5X0.8		通孔Through Hole: φ4.2					14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	M5X0.8	双边/Double Side: φ8.2		牙/Cog:M6X1.0		通孔Through Hole: φ4.6					15	5.5	2	40	28	-	3.1	10	8	12	10
32	PT1/8	双边/Double Side: φ8.2		牙/Cog:M6X1.0		通孔Through Hole: φ4.6					16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	PT1/8	双边/Double Side: φ10		牙/Cog:M6X1.25		通孔Through Hole: φ6.5					20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	PT1/4	双边/Double Side: φ11		牙/Cog:M8X1.25		通孔Through Hole: φ6.5					25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	PT1/4	双边/Double Side: φ11		牙/Cog:M8X1.25		通孔Through Hole: φ6.5					25	8.5	9.5	75	60	-	3.15	20	17	28.7	20

尺寸表/Dimension Sheet

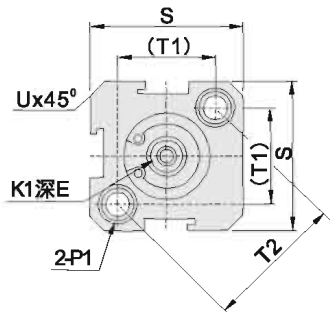
型式/Type	标准型/Standard type					附磁型/Attach magnet					D	E	F	G	K1	L	M	N1	
内径/符号 Bore/Symbol 行程/Stroke	A		B1	C		A		B1	C									S=5	S>5
	≤10	>10		≤10	>10	≤10	>10		≤10	>10									
12	32	42	5	27	37	42	52	5	37	47	-	6	4	1	M3X0.5	10.2	2.8	7.5	
16	34	44	5.5	28.5	38.5	44	54	5.5	38.5	48.5	-	6	4	1.5	M3X0.5	11	2.8	8	
20	35	45	5.5	29.5	39.5	45	55	5.5	39.5	49.5	36	8	4	1.5	M4x0.7	16	2.8	9	
25	37	47	6	34	41	47	57	6	41	51	42	10	4	2	M5X0.8	17	2.8	9.2	
32	41.5	51.5	7	34.5	44.5	51.5	61.5	7	44.5	54.5	50	12	4	3	M6X1	22	2.8	9	
40	43	53	7	36	46	53	63	7	46	56	58.5	12	4	3	M8X1.25	28	2.8	9.5	
50	47	57	9	38	48	57	67	9	48	58	71.5	15	5	4	M10X1.5	38	2.8	10.5	
63	51	61	9	42	52	61	71	9	52	62	84.5	15	5	4	M10X1.5	40	2.8	9.5	12

内径/符号 Bore/Symbol	O	P1					P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2			12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2			12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2			14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	M5X0.8	双边/Double Side: φ8.2	牙/Cog:M6X1.0	通孔Through Hole: φ4.6			15	5.5	2	40	28	-	3.1	10	8	12	10
32	PT1/8	双边/Double Side: φ8.2	牙/Cog:M6X1.0	通孔Through Hole: φ4.6			16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	PT1/8	双边/Double Side: φ10	牙/Cog:M8X1.25	通孔Through Hole: φ6.5			20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	PT1/4	双边/Double Side: φ11	牙/Cog:M8X1.25	通孔Through Hole: φ6.5			25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	PT1/4	双边/Double Side: φ11	牙/Cog:M8X1.25	通孔Through Hole: φ6.5			25	8.5	9.5	75	60	-	3.15	20	17	28.7	20

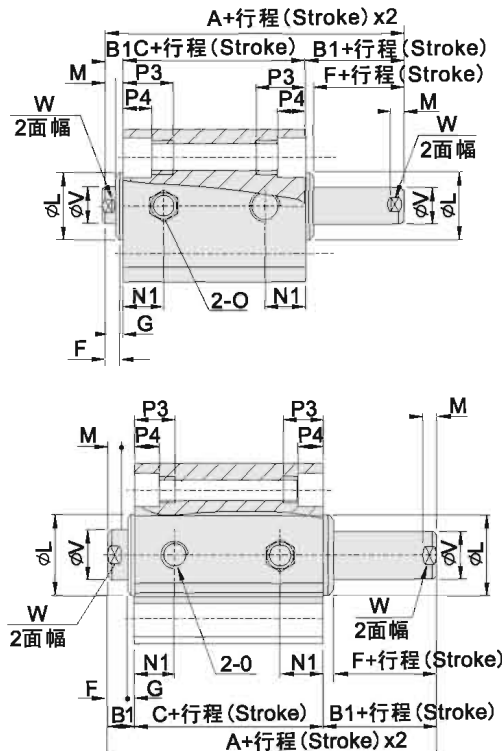
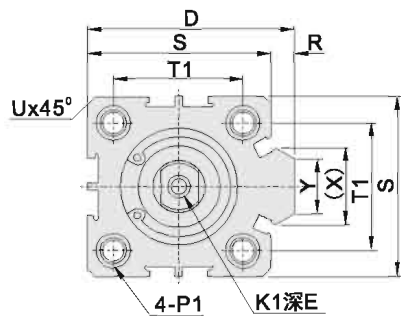
外部规格/Outer Specification

● SDAD/SDADS
(双轴复动型/
Double-shaft Type)

φ12~φ16



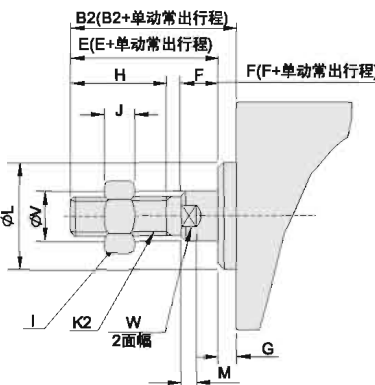
φ20~φ100



外部规格/Outer Specification

● SDA SSA STA

φ12~φ16



型号/符号 Model/Symbol	B2	E	F	G	H	I	J	K2	L	M	V	W
12	17	16	4	1	10	8	4	M5X0.8	10.2	2.8	6	5
16	17.5	16	4	1.5	10	8	4	M5X0.8	11	2.8	6	5
20	20.5	19	4	1.5	13	10	5	M6X1.0	13	2.8	8	6
25	23	21	4	2	15	12	6	M8X1.25	17	2.8	10	8
32	25	22	4	3	15	17	6	M10X1.25	22	2.8	12	10
40	35	32	4	3	25	19	8	M14X1.5	28	2.8	16	14
50	37	33	5	4	25	27	11	M18X1.5	38	2.8	20	17
63	37	33	5	4	25	27	11	M18X1.5	40	2.8	20	17
80	44	39	6	5	30	32	13	M22X1.5	45	4	25	22
100	50	45	7	5	35	36	13	M26X1.5	55	4	32	27

TN系列双杆气缸
TN SERIES DOUBLE-SHAFT

订购码/Ordering Code

TN - 20 - 50 - R
系列代号
TN:双杆复动型
Series NO
TN:Double Action
缸径
Bore
行程
Stroke
磁石代号
S:附磁石
空白:不附磁石
Magnet code
S:attach magnet
Blank : not attach magnet

缸径/Bore	10	16	20	25	16	32
动作模式/Acting Mode	复动型/Double Acting					
工作介质/Working medium	空气/Air					
使用压力范围 Kgf/cm ² Range of working pressure	1~9					
保证耐压力 Ensured Pressure Resistance	13.5					
使用温度范围°C Operating Temperature Range	-5~70°C					
使用速度范围(mm/s) Operating Speed Range	100-500					
缓冲行程/Buffer stroke (mm)	-10~0					
缓冲型式/Buffer Type	可调缓冲/Adjustable Buffer					
不回转精度 No-return precision	0.4°		0.3°			
接管口径/Joint Size	M5X0.8				PT1/8	



尺寸表/Dimension Sheet

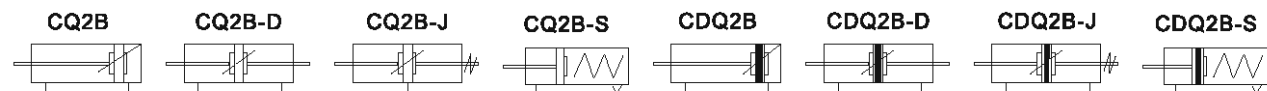
型式/Type	标准型/Standard type			附磁型/Attach magnet			D		E		F	G	K1	L	M	N1	
内径/符号 Bore/Symbol	A	B1	C	A	B1	C	-	6	S<10	S>10						S=5	S>5
12	27	5	17	37	5	27	-	6			4	1	M3X0.5	10.2	2.8	7.5	
16	29.5	5.5	18.5	39.5	5.5	28.5	-	6			4	1.5	M3X0.5	11	2.8	8	
20	30.5	5.5	19.5	40.5	5.5	29.5	36	8(S=5时6.5)			4	1.5	M4X0.7	13	2.8	9	
25	33	6	21	43	6	31	42	10(S=5时7)			4	2	M5X0.8	17	2.8	9.2	
32	38.5	7	24.5	48.5	7	34.5	50	8	12		4	3	M6X1	22	2.8	9	
40	40	7	26	50	7	36	58.5	8	12		4	3	M8X1.25	28	2.8	9.5	
50	46	9	28	56	9	38	71.5	8	15		5	4	M10X1.5	38	2.8	10.5	
63	50	9	32	60	9	42	84.5	10	15		5	4	M10X1.5	40	2.8	9.5	11.8
80	63	11	41	73	11	51	104	13	20		6	5	M14X1.5	45	4	11.5	14.5
100	75	12	51	85	12	61	124	18	20		7	5	M18X1.5	55	4	16	20.5

内径/符号 Bore/Symbol	O	P1					P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-	-	-
16	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-	-	-
20	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M5X0.8	通孔Through Hole: φ4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10	-	-
25	M5X0.8	双边/Double Side: φ6.5	牙/Cog:M6X1.0	通孔Through Hole: φ4.6	15	5.5	2	40	28	-	3.1	10	8	12	10	-	-
32	PT1/8	双边/Double Side: φ8.2	牙/Cog:M6X1.0	通孔Through Hole: φ4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15	-	-
40	PT1/8	双边/Double Side: φ10	牙/Cog:M8X1.25	通孔Through Hole: φ6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16	-	-
50	PT1/4	双边/Double Side: φ11	牙/Cog:M8X1.25	通孔Through Hole: φ6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20	-	-
63	PT1/4	双边/Double Side: φ11	牙/Cog:M8X1.25	通孔Through Hole: φ6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20	-	-
80	PT3/8	双边/Double Side: φ14	牙/Cog:M12X1.75	通孔Through Hole: φ9.2	25	10.5	10	94	74	-	3.65	25	22	36	26	-	-
100	PT3/8	双边/Double Side: φ17.5	牙/Cog:M14X2	通孔Through Hole: φ11.3	30	13	10	114	90	-	3.65	32	27	35	26	-	-

CQ2系列薄型气缸
CQ2 SERIES THIN TYPE CYLINDER



ISO9001:2000



订购码/Ordering Code

CQ2	-	B	-	12	10	-	D	-	M
CQ2:SMC型号 CQ2:SMC Type		安装 Basic model B-通孔 With through bore A-两端内螺纹 With female thread on both ends		缸径 Cylinder Bore	行程 Stroke		动作/Acting D-双动/double acting S-单动(弹簧压回) S-single acting(with spring return) T-单动(弹簧压出) T-single acting (with spring extend)		缸身(任选) Cylinder body (optional) 无记号-杆端内螺纹 Noindicationsfemale thread on rod ends C-橡胶缓冲 M-杆端外螺纹 Malethread on piston rod 单动气缸不可以加橡胶缓冲 Single-acting cylrnder must not beprovided with rubber buffer
				单动 Single acting 12-φ 12mm 16-φ 16mm 20-φ 20mm 25-φ 25mm 32-φ 32mm 40-φ 40mm 50-φ 50mm	双动 Double acting 12-φ 12mm 16-φ 16mm 20-φ 20mm 25-φ 25mm 32-φ 32mm 40-φ 40mm 50-φ 50mm 63-φ 63mm 80-φ 80mm 100-φ 100mm				

规格/Specification

缸径/Bore	12	16	20	25	32	40	50	63	80	100
工作介质/Working Medium	空气/Air									
动作模式/Action pattern	双动/Double-acting 单动:弹簧压回/弹簧压出/Single acting:with spring return/with spring extend									
保证耐压力 Ensured Pressure Resistance	1.5Mpa									
最高使用压力 Maximum Working-Pressure	1.0Mpa									
环境和流体温度 Ambient and Medium Temperature	5~80℃									
杆端螺纹/Piston rod thread type	内螺纹/Female thread					外螺纹/Male thread				
缓冲/Cushion	无/0									
行程公差/Tolerance of Stroke	+0.1 0									
润滑/Lubrication	不需要/Not Required									
安装/Installation	通孔(标准) 两端内螺纹(任选) Through Hole (Standard)、Female thread on both sides(Optional)									
接管口径/Port Size	M5x0.8		1/8		1/4		3/8			



SINO-KOREA
NINGBO BOTE PNEUMATIC

3V1系列电磁阀
3V1 SERIES SOLENOID VALVE



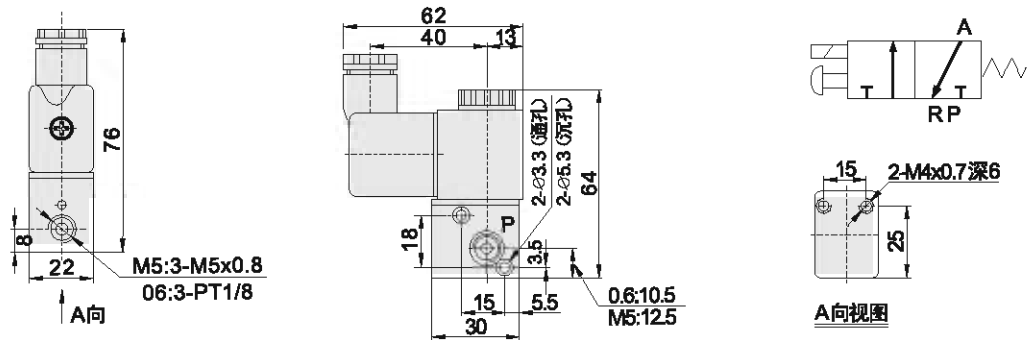
ISO9001:2000

订购码/Ordering Code

3V 1 06 AC110V - □
规格代码 系列代号 接管口径 标准电压 接线形式
3V:二位三通电磁阀 1:100系列 06:PT1/8" DC12V I:引线式
Specification Code 100 Series 06:PT1/8" DC24V Blank:standard
3V:Two-position Three-way Solenoid Valve AC24V 50/60Hz I:Lead Wire Type
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz



外形尺寸/Overall Dimension



规格/Specification

型号 Model	3V1-M5	3V1-06
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air	
动作方式 Motion Pattern	直动式/Direct Drive Type	
接管口径 Joint Pipe Bore	M5	1/8"
周围温度 Ambient Temperature	-10~+60℃	
气体温度 Gas Temperature	-5~60℃	
出风口直径 Air Outlet Diameter	1.2mm	
润滑 Lubrication	不需要/Not Necessary	
使用压力 Working-pressure	0~0.9MPa	
最大耐压力 Max.Pressure Resistance	1.2MPa	
耗电量 Power Consumption	AC:3.5VA DC24V/12V:3W/2.5W	
保护等级 Protect Class	IP65	
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type	
本体材质 Material of Body	铝合金/Aluminum alloy	
最高动作频率 Highest Action Frequency	每秒十次/10Cycle/Sec	
绝缘性 Insulation	B级/FClass	
电压范围 Voltage Range	±10%	
最短励磁时间 Shortest Excitation Time	0.05秒/0.05 Second	

3V系列电磁阀
3V SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

10-NC 20 10-NO
3V 2 10 - 08 - □ - AC220V
规格代码 系列代号 线圈及位置数 接管口径 接线形式 标准电压
3V:二位三通电磁阀 2:200系列 10:单头双位置 M5:M5 I:引线式 DC12V
Specification Code 300 Series 10:Single-head Coil and Places 06:PT1/8" DC24V
3V:Two-position Double-position 10:Double-head 08:PT1/4" AC110V 50/60Hz
Three-way Solenoid Valve 20:Double-head Double-position 15:PT1/2" AC220V 50/60Hz
AC380V 50/60Hz



规格/Specification

型号 Model	3V110-M5	3V110-06	3V210-06	3V210-08	3V310-08	3V310-10	3V410-15
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air						
动作方式 Motion Pattern	内部先导式/Inner Guide Type						
接管口径 Joint Pipe Bore	进气=出气=M5 Air Inlet=Air Outlet=M5	进气=出气=1/8 Air Inlet=Air Outlet=1/8	进气=出气=1/8 Air Inlet=Air Outlet=1/8	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=3/8 Air Inlet=Air Outlet=3/8	进气=出气=1/2 Air Inlet=Air Outlet=1/2
有效截面积 Effective Section Area	5.5mm ² (CV=0.31)	12mm ² (CV=0.67)	14mm ² (CV=0.78)	16mm ² (CV=0.89)	25mm ² (CV=1.39)	30mm ² (CV=1.67)	50mm ² (CV=2.79)
使用压力 Working-pressure	0.15~0.9Mpa						
最大耐压力 Max.Pressure Resistance	1.2Mpa						
工作温度 Operating-Temperature	-5~60℃						
电压范围 Voltage Range	-15%-10%						
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type						
防护等级 Protection Class	IP65 (DIN40050)						
最高动作频率 Highest Action Frequency	每秒5次/5Cycle/Sec						

3V系列电磁阀
3V SERIES SOLENOID VALVE



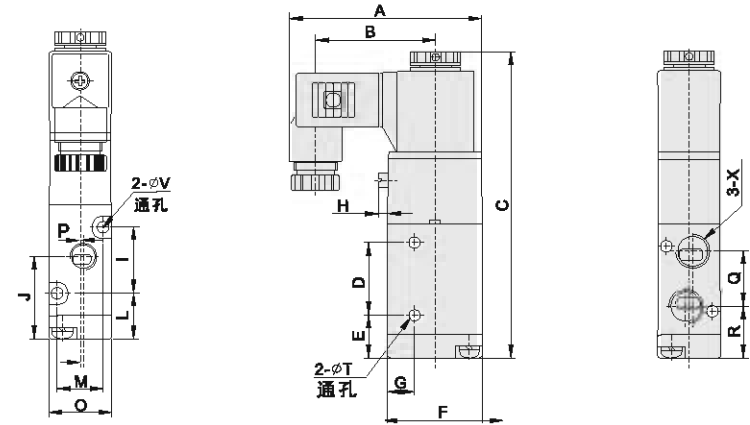
4V系列电磁阀
4V SERIES SOLENOID VALVE



ISO9001:2000

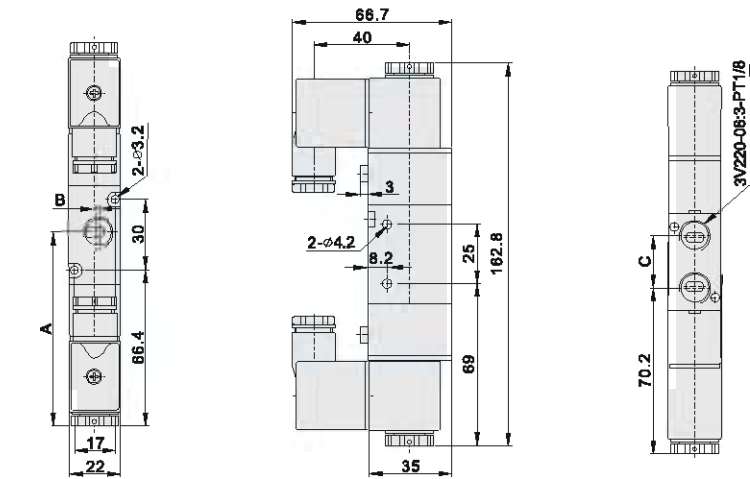
ISO9001:2000

外形尺寸/Overall Dimension

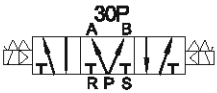
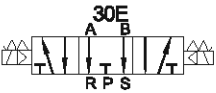
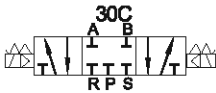
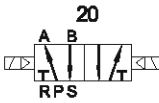
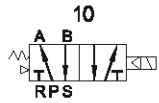


缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	L	M	O	P	Q	R	φV	φT	X
3V110-M5	55	34	88.4	21	12.2	27	7.7	2.5	19	22.7	13.2	13	18	0	14.2	14.7	3.3	3.1	M5
3V110-08	55	34	88.4	21	12.2	27	7.7	2.5	19	23.7	13.2	13	18	1	16.0	14.7	3.3	3.1	1/8"
3V210-06	66.7	40	109	25	15.2	35	8.2	3	30	27.7	12.7	17	22	0	22.0	16.7	3.2	4.2	1/8"
3V210-08	66.7	40	109	25	15.2	35	8.2	3	30	28.7	12.7	17	22	1.5	22.5	16.7	3.2	4.2	1/4"
3V310-08	69.2	40	120	30	17.5	40	10.5	2.4	35	32.5	15.0	20	27	0	24.0	20.5	4.3	4.3	1/4"
3V310-10	69.2	40	120	30	17.5	40	10.5	2.4	35	32.5	15.0	20	27	2	24.0	20.5	4.3	4.3	3/8"
3V410-15	74.2	40	137	51	17.5	50	11.5	3	40	41.5	17.0	27	34	2	31.5	25.5	4.3	5.5	1/2"

外形尺寸/Overall Dimension



缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	L	M	O	X	Q	R	φV	φT
3V120-M5	55	34	131.4	21	55.2	27	7.7	2.5	19	65.7	56.2	13	18	M5	16	57.7	3.3	3.1
3V120-06	55	34	131.4	21	55.2	27	7.7	2.5	19	66.7	56.2	13	18	1/8"	16	57.7	3.3	3.1
3V220-06	66.7	40	162.8	25	69	35	8.2	3	30	81.4	66.4	17	22	1/8"	22	70.2	3.2	4.2
3V220-08	66.7	40	162.8	25	69	35	8.2	3	30	82.4	66.4	17	22	1/4"	22.5	70.2	3.2	4.2
3V320-08	69.2	40	174.8	30	72.4	40	10.5	2.4	35	87.4	70.0	20	27	1/4"	24	75.4	4.3	4.3
3V320-10	69.2	40	174.8	30	72.4	40	10.5	2.4	35	87.4	70.0	20	27	3/8"	24	75.4	4.3	4.3
3V420-15	74.2	40	190.5	51	95	50	11.5	3	40	95	82	27	34	1/2"	31.5	79.5	4.3	4.3



订购码/Ordering Code

4V	2	10	-	08	-	AC220V	-	
规格代码 4V:二(三)位五通电磁阀 Specification Code 4V:Two(Three)-position Five-way Solenoid Valve	系列代号 1:100系列 2:200系列 3:300系列 4:400系列 Series Code 100 Series 200 Series 300 Series 400 Series	线圈及位数 10:单电控 20:双电控 30C:双电控三位中央封闭型 30E:双电控三位中央排气型 30P:双电控三位中央压力型 Coil and Places 10:Single-head Double-position 20:Double-head Double-position 30C:Double-head Three-position Close Type 30E:Double-head Three-position Exhaust Type 30P:Double-head Three-position Pressure Type		接管口径 M5:M5 06:PT1/8" 08:PT1/4" 10:PT3/8" 15:PT1/2" Joint Pipe Bore		标准电压 DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz Standard Voltage		接线形式 空白:标准端子式 I:引线式 Wiring Form Blank:standard I:Lead Wire Type

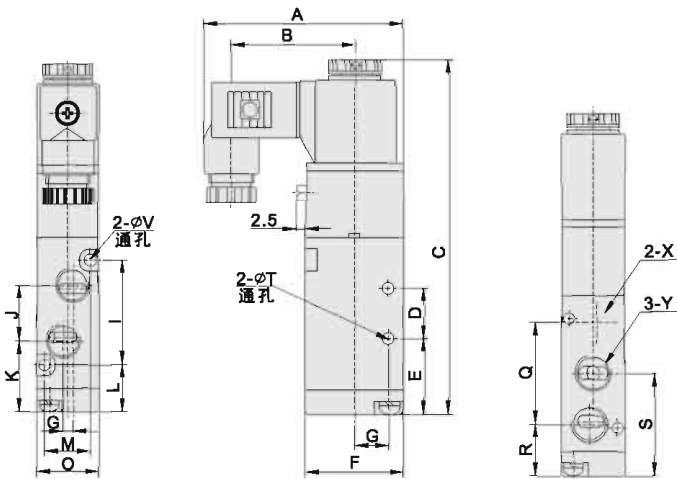
规格/Specification

型号 Model	4V110-M5	4V110-08	4V210-06	4V210-08	4V310-08	4V310-10	4V410-15
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air						
动作方式 Motion Pattern	内部先导式/Inner Guide Type						
接管口径 Joint Pipe Bore	进气=M5 Air Inlet=M5 排气=M5 Exhaust=M5	进气=1/8 Air Inlet=1/8 排气=1/8 Exhaust=1/8	进气=1/4 Air Inlet=1/4 排气=1/4 Exhaust=1/4	进气=1/4 Air Inlet=1/4 排气=1/4 Exhaust=1/4	进气=3/8 Air Inlet=3/8 排气=1/4 Exhaust=1/4	进气=1/2 Air Inlet=1/2 排气=1/2 Exhaust=1/2	进气=1/2 Air Inlet=1/2 排气=1/2 Exhaust=1/2
有效截面积 Effective Section Area	5.5mm ² (CV=0.31)	12mm ² (CV=0.67)	14mm ² (CV=0.78)	16mm ² (CV=0.89)	25mm ² (CV=1.39)	30mm ² (CV=1.67)	50mm ² (CV=2.79)
使用压力 Working-pressure	0.15~0.9Mpa						
最大耐压力 Max.Pressure Resistance	1.2Mpa						
工作温度 Operating-Temperature	-5~60℃						
电压范围 Voltage Range	-15%~10%						
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type						
防护等级 Protection Class	IP65(DIN40050)						
最高动作频率 Highest Action Frequency	每秒5次/5Cycle/Sec						
最短励磁时间 Shortest Excitation Time	0.05秒/0.05 Second						

4V系列电磁阀
4V SERIES SOLENOID VALVE

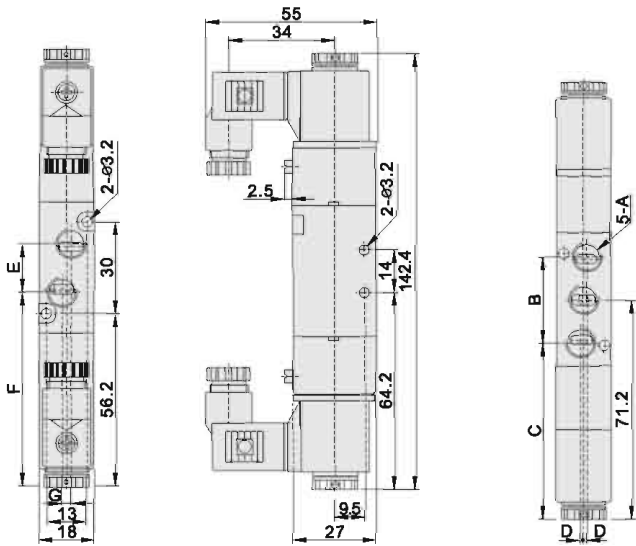


ISO9001:2000



规格/Specification

缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	K	I	J	L	M	O	S	Q	R	φV	φT	X	Y
4V110-M5	55	34	99.4	14	21.2	27	9.5	21.2	30	14	13.2	13	18	28.2	27	14.7	3.3	3.3	M5	M5
4V110-06	55	34	99.4	14	21.2	27	9.5	20.2	30	16	13.2	13	18	28.2	28	14.2	3.3	3.3	1/8"	1/8"
4V210-06	66.7	40	117	20	21.7	35	10.5	22.7	38	18	12.7	17	22	31.7	36	13.7	3.2	4.3	1/8"	1/8"
4V210-08	66.7	40	117	20	21.7	35	10.5	21.2	38	21	12.7	17	22	31.7	36	13.7	3.2	4.3	1/8"	1/8"
4V310-08	69.2	40	135	24	28	40	13.5	29	50	22	15	20	27	40	45	17.5	4.3	4.3	1/4"	1/4"
4V310-10	69.2	40	135	24	28	40	13.5	28	50	24	15	20	27	40	45	17.5	4.3	4.3	1/4"	3/8"
4V410-15	74.2	40	168.4	28	43	50	17.5	39	72	36	21	27	34	57	63	25.5	4.3	5.5	1/2"	1/2"



缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	K	I	J	L	M	O	S	Q	R	φV	φT	X	Y
4V120-M5	55	34	142.4	14	64.2	27	9.5	64.3	30	14	56.2	13	18	71.2	27	57.2	3.3	3.3	M5	M5
4V120-06	55	34	142.4	14	64.2	27	9.5	63.2	30	16	56.2	13	18	71.2	28	57.2	3.3	3.3	1/8"	1/8"
4V220-06	66.7	40	117	20	75.4	35	10.5	76.4	38	18	66.4	17	22	85.4	36	67.4	3.2	4.3	1/8"	1/8"
4V220-08	66.7	40	117	20	75.4	35	10.5	74.9	38	21	66.4	17	22	85.4	36	67.4	3.2	4.3	1/8"	1/4"
4V320-08	69.2	40	190	24	82.9	40	13.5	83.9	50	22	69.9	20	27	94.9	45	72.4	4.3	4.3	1/4"	1/4"
4V320-10	69.2	40	190	24	82.9	40	13.5	82.9	50	24	69.9	20	27	94.9	45	72.4	4.3	4.3	1/4"	3/8"
4V420-15	74.2	40	222.8	28	97.4	50	17.5	93.4	72	36	75.4	27	34	111.4	63	80	4.3	5.5	1/2"	1/2"

4V系列电磁阀(三位五通中央封闭型)
4V SERIES SOLENOID VALVE
THREE-POSITION FIVE-WAY CLOSE TYPE



ISO9001:2000

规格/Specification

型号 Model	4V130E-M5	4V130E-06	4V230E-06	4V230E-08	4V330E-08	4V330E-10	4V430E-15
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air						
动作方式 Motion Pattern	内部先导式/Inner Guide Type						
接管口径 Joint Pipe Bore	进气=M5 Air Inlet=M5 排气=M5 Exhaust=M5	进气=排气=1/8 Air Inlet=Air Outlet=Exhaust=1/8	进气=1/4 Air Inlet=1/4 排气=1/8 Exhaust=1/8	进气=1/4 Air Inlet=1/4 排气=1/4 Exhaust=1/4	进气=3/8 Air Inlet=3/8 排气=3/8 Exhaust=3/8	进气=1/2 Air Inlet=1/2 排气=1/2 Exhaust=1/2	进气=1/2 Air Inlet=1/2 排气=1/2 Exhaust=1/2
有效截面积 Effective Section Area	5mm ² (CV=0.28)	9mm ² (CV=0.50)	12mm ² (CV=0.67)	18mm ² (CV=1.0)	30mm ² (CV=1.67)		
使用压力 Working-pressure	0.15~0.9Mpa						
最大耐压 Max. Pressure Resistance	1.2Mpa						
工作温度 Operating-Temperature	-5~60℃						
电压范围 Voltage Range	-15%-10%						
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type						
防护等级 Protection Class	IP65/(DIN40050)						
最高动作频率 Highest Action Frequency	每秒3次/3Cycle/Sec						

机械阀
MECHANICAL VALVE

订购码/Ordering Code

M32

-

1

R

位通数
32:二位三通
52:二位五通
Position and Way Number
32: Two-position Three-way
52: Two-position Five-way

接管口径
Joint Pipe Bore
1:G1/8"
2:G1/4"

按钮形式/Button Type
空白:基本型/Blank: Basic Type
R:滚轮型/Roller Type
TB:选择型旋钮/Selective Knob
LB:加长型旋钮/Strengthened Knob
PB:大圆型按钮/Large Round Button
PP:平圆型按钮/Plat Round Button
PPL:凸圆型按钮/Convex Round Button
EB:带锁型按钮/With lock Button



规格/Specification

型号 Model	M32-1	M522	M322
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air		
位通数 Position and Way Number	二位三通/Two-position Three-way	二位五通/Two-position Five-way	二位三通/Two-position Three-way
压力范围 Pressure Range	0~0.8MPa	0~0.8MPa	0~0.8MPa
温度范围 Temperature Range	0~60℃		
有效截面积 Effective Section Area	12mm ² (CV=0.67)	16mm ² (CV=0.89)	16mm ² (CV=0.89)
接管口径 Joint Pipe Bore	PT1/8"	PT1/4"	PT1/4"

4V系列电磁阀(三位五通中央压力型)
4V SERIES SOLENOID VALVE
THREE-POSITION FIVE-WAY PRESSURE TYPE

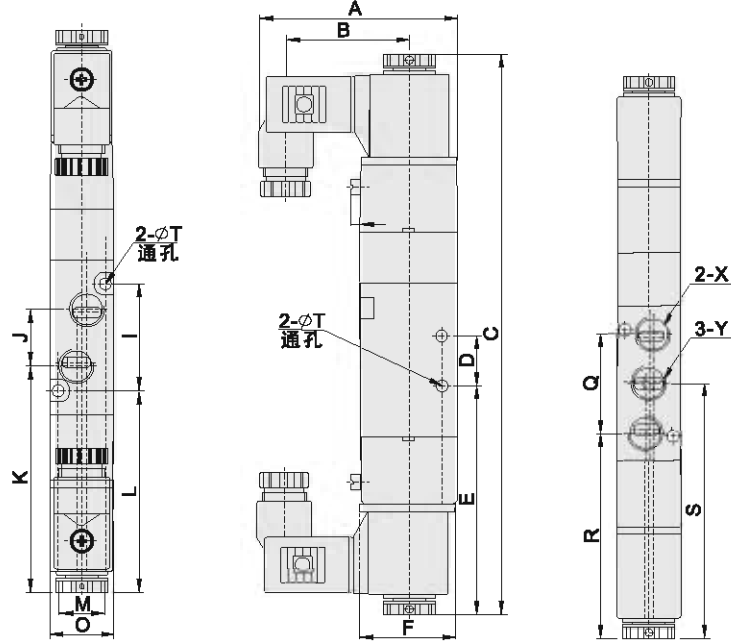


ISO9001:2000

规格/Specification

型号 Model	4V130P-M5	4V130P-06	4V230P-06	4V230P-08	4V330P-08	4V330P-10	4V430P-15
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air						
动作方式 Motion Pattern	内部先导式/Inner Guide Type						
接管口径 Joint Pipe Bore	进气=M5 Air Inlet=M5 出气=M5 Air Outlet=M5 排气=M5 Exhaust=M5	进气=出气=排气1/8 Air Inlet=Air Outlet=Exhaust=1/8	进气=1/4 Air Inlet=1/4 出气=1/4 Air Outlet=1/4 排气=1/8 Exhaust=1/8	进气=1/4 Air Inlet=1/4 出气=1/4 Air Outlet=1/4 排气=1/4 Exhaust=1/4	进气=3/8 Air Inlet=3/8 出气=3/8 Air Outlet=3/8 排气=1/4 Exhaust=1/4	进气=1/2 Air Inlet=1/2 出气=1/2 Air Outlet=1/2 排气=1/2 Exhaust=1/2	进气=1/2 Air Inlet=1/2 出气=1/2 Air Outlet=1/2 排气=1/2 Exhaust=1/2
有效截面积 Effective Section Area	5mm ² (CV=0.28)	9mm ² (CV=0.50)	12mm ² (CV=0.67)		18mm ² (CV=1.0)		30mm ² (CV=1.67)
使用压力 Working-pressure	0.15~0.9Mpa						
最大耐压力 Max. Pressure Resistance	1.2Mpa						
工作温度 Operating-Temperature	-5~60℃						
电压范围 Voltage Range	-15%-10%						
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type						
防护等级 Protection Class	IP65/(DIN40050)						
最高动作频率 Highest Action Frequency	每秒3次/3Cycle/Sec						

外形尺寸/Overall Dimension



缸径/符号 Bore/Symbol	A	B	C	D	E	F	G	K	I	J	L	M	O	S	Q	R	ΦV	ΦT	X	Y
4V130-M5	55	34	157.4	14	64.2	27	9.5	64.3	30	14	56.2	13	18	71.2	27	57.7	3.3	3.3	M5	M5
4V130-06	55	34	157.4	14	64.2	27	9.5	63.2	30	18	56.2	13	18	71.2	28	57.2	3.3	3.3	1/8"	1/8"
4V230-06	66.7	40	190	20	75.4	35	10.5	76.4	38	18	66.4	17	22	85.4	36	67.4	3.2	4.3	1/8"	1/8"
4V230-08	66.7	40	190	20	75.4	35	10.5	74.9	38	21	66.4	17	22	85.4	36	67.4	3.2	4.3	1/8"	1/4"
4V330-08	69.2	40	209	24	82.9	40	13.5	83.9	50	22	69.9	20	27	95	45	72.4	4.3	4.3	1/4"	1/4"
4V330-10	69.2	40	209	24	82.9	40	13.5	82.9	50	24	69.9	20	27	95	45	72.4	4.3	4.3	1/4"	3/8"
4V430-15	74.2	40	243.8	28	97.4	50	17.5	93.4	72	36	75.4	27	34	111.4	63	79.9	4.3	5.5	1/2"	1/2"

4M系列电磁阀
4M SERIES SOLENOID VALVE



ISO9001:2000



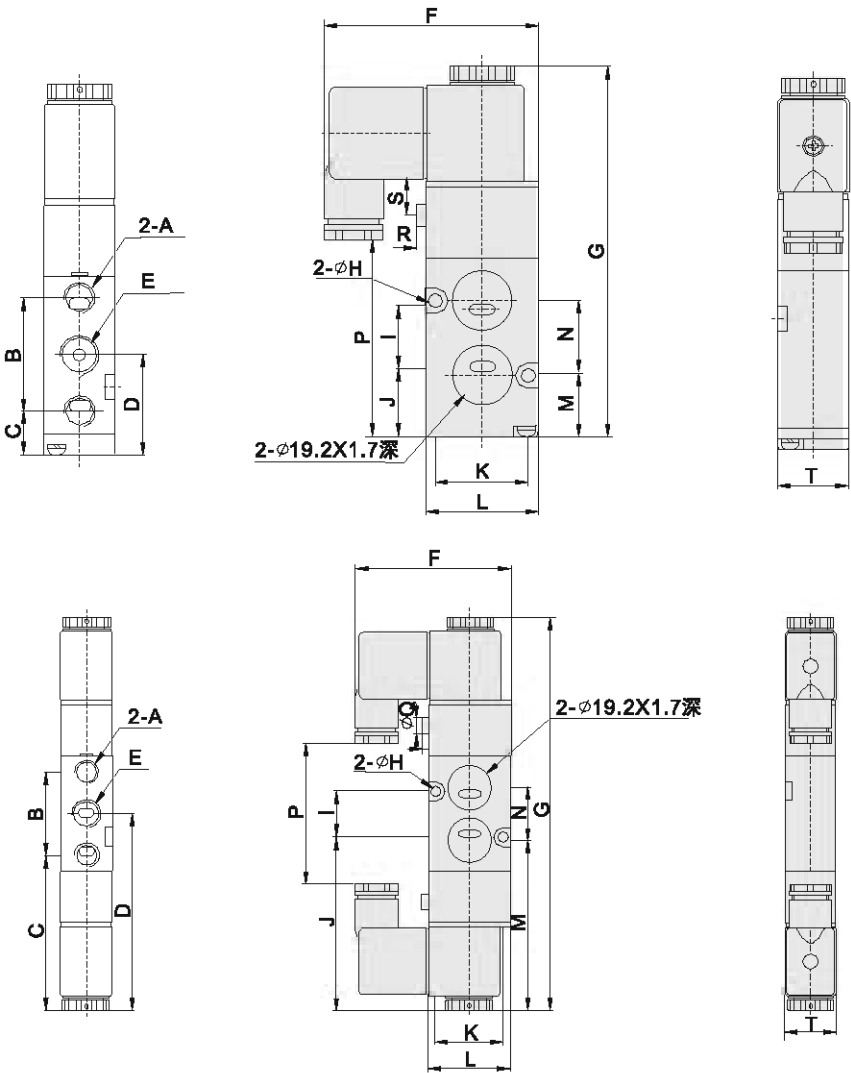
订购码/Ordering Code

4M	2	10	-	08	-		-	AC220V
规格代码 4M:二位五通电磁阀 Specification Code 4M:Two-position Five-way Solenoid Valve	系列代号 1: 100系列 2: 200系列 3: 300系列 4: 400系列 Series Code 100 Series 200 Series 300 Series 400 Series	线圈及位数 10:单头双位置 20:双头双位置 Coil and Places 10:Single-head Double-position 20:Double-head Double-position	接管口径 Joint Pipe Bore M5:M5 06:PT1/8" 08:PT1/4" 10:PT3/8" 15:PT1/2"	接线形式 空白:标准端子式 I:引线式 Wiring Form Blank:standard I:Lead Wire Type	标准电压 Standard Voltage DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz			

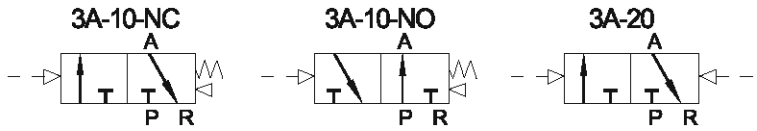
规格/Specification

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
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air											
动作方式 Motion Pattern	内部先导式/Inner Guide Type											
接管口径 Joint Pipe Bore	进气=排气=M5 Air Inlet=Exhaust=M5	进气=排气=1/8 Air Inlet=Exhaust=1/8	进气=排气=1/8 Air Inlet=Exhaust=1/8	进气=排气=1/8 Air Inlet=Exhaust=1/8	进气=1/4 排气=1/8 Air Inlet=1/4 Exhaust=1/8	进气=1/4 排气=1/8 Air Inlet=1/4 Exhaust=1/8	进气=1/4 排气=1/8 Air Inlet=1/4 Exhaust=1/8	进气=1/4 排气=1/8 Air Inlet=1/4 Exhaust=1/8	进气=1/4 排气=1/8 Air Inlet=1/4 Exhaust=1/8	进气=3/8 排气=1/4 Air Inlet=3/8 Exhaust=1/4	进气=3/8 排气=1/4 Air Inlet=3/8 Exhaust=1/4	进气=3/8 排气=1/4 Air Inlet=3/8 Exhaust=1/4
有效截面积 Effective Section Area	5mm ² (CV=0.31)	12mm ² (CV=0.67)	14mm ² (CV=0.78)	18mm ² (CV=0.89)	25mm ² (CV=1.4)	30mm ² (CV=1.68)						
使用压力 Working-pressure	0.15~0.8Mpa											
最大耐压力 Max. Pressure Resistance	1.2Mpa											
工作温度 Operating-Temperature	-5~60℃											
电压范围 Voltage Range	-15%-10%											
接线方式 Wiring Form	出线式或端子式/Lead Wire or Connector type											
防护等级 Protection Class	IP65/(DIN40050)											
最高动作频率 Highest Action Frequency	每秒4次/4Cycle/Sec											

外形尺寸/Overall Dimension



规格/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T
4M110-06	G1/8	30	15.2	30.2	G1/8	55.0	103.4	3.3	16	27.2	21	27	-	16	-	-	-	-	-
4M120-06	G1/8	30	58.2	73.2	G1/8	55.0	146.4	3.3	16	65.0	21	27	-	16	-	-	-	-	-
4M210-08	G1/8	36	13.7	31.7	G1/4	66.5	119.0	4.3	20	21.7	29	35	20.2	23	62.4	4	1	11	22
4M220-08	G1/8	36	67.0	85.0	G1/4	66.5	176.0	4.3	20	75.0	29	35	73.5	23	62.4	4	1	11	22
4M310-10	G1/4	45	17.0	39.5	G3/8	69.0	138.0	5.2	24	27.5	32	40	29.0	22	80.2	4	1	11	27
4M320-10	G1/4	45	72.0	94.5	G3/8	69.0	195.0	5.2	24	83.7	32	40	82.5	22	80.2	4	1	11	27
4M410-15	G1/2	63	22.5	52.0	G1/2	75.0	166.0	5.5	32	38.0	42	50	35.5	37	110	4	1	11	34
4M420-15	G1/2	63	77.0	112.5	G1/2	75.0	225.0	5.5	32	94.5	42	50	92.0	37	112	4	1	11	34



订购码/Ordering Code

3A

1

-

10

-

06

-

N0

系列代号
1: 100系列
2: 200系列
3: 300系列
4: 400系列
Series Code
100 Series
200 Series
300 Series
400 Series

线圈及位数
10: 单头双位置
20: 双头双位置
Coil and Places
10: Single-head
Double-position
20: Double-head
Double-position

接管口径
Joint Pipe Bore
M5: M5
06: PT1/8"
08: PT1/4"
10: PT3/8"
15: PT1/2"

空白: 常闭型
No: 常开型
Blank: Normal Close
NO: Normal Open

规格代码
3A: 二位三通气控阀
Specification Code
3A: Two-position Three-way
Pneumatic Control Valve

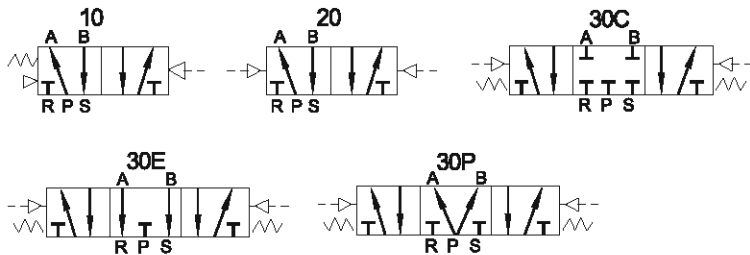
规格/Specification

型号 Model	3A110-M5	3A120-M5	3A110-06	3A120-06	3A210-06	3A220-06	3A210-08	3A220-08	3A310-08	3A320-08	3A310-10	3A320-10
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air											
动作方式 Motion Pattern	外部控制/Outside Control											
接管口径 Joint Pipe Bore	进气=出气=M5 Air Inlet=Air Outlet=M5	进气=出气=1/8 Air Inlet=Air Outlet=1/8	进气=出气=1/8 Air Inlet=Air Outlet=1/8	进气=出气=1/8 Air Inlet=Air Outlet=1/8	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=1/4 Air Inlet=Air Outlet=1/4	进气=出气=3/8 Air Inlet=Air Outlet=3/8	进气=出气=3/8 Air Inlet=Air Outlet=3/8	进气=出气=3/8 Air Inlet=Air Outlet=3/8
有效截面积 Effective Section Area	5.5mm ² (CV=0.31)	12mm ² (CV=0.67)	14mm ² (CV=0.78)	16mm ² (CV=0.89)	25mm ² (CV=1.4)	30mm ² (CV=1.68)						
使用压力 Working-pressure	0.15~0.8Mpa											
最大耐压力 Max.Pressure Resistance	1.2Mpa											
工作温度 Operating-Temperature	-5~60℃											
最高动作频率 Highest Action Frequency	每秒5次/5Cycle/Sec											

4A系列气控阀
4A SERIES PNEUMATIC CONTROL VALVE



ISO9001:2000



订购码/Ordering Code

4A 1 - 10 - 06

系列代号
1:100系列
2:200系列
3:300系列
4:400系列
Series Code
100 Series
200 Series
300 Series
400 Series

线圈及位数
10:单头双位置
20:双头双位置
Coil and Places
10:Single-head
Double-position
20:Double-head
Double-position

规格代码
4A:二位五通气控阀
Specification Code
4A:Two-position Five-way
Pneumatic Control Valve

接管口径
Joint Pipe Bore
M5:M5
06:PT1/8"
08:PT1/4"
10:PT3/8"
15:PT1/2"

规格/Specification

型号 Model	4A110-06	4A120-06	4A130C-06	4A210-08	4A220-08	4A230C-08	4A310-10	4A320-10	4A330C-10	4A410-15	4A420-15	4A430C-15	
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air												
动作方式 Motion Pattern	外部控制/Outside Control												
接管口径 Joint Pipe Bore	进气=出气=排气1/8 Air Inlet=Air Outlet=Exhaust=1/8			进气=出气=1/4 排气=1/8 Air Inlet=Air Outlet=1/4 Exhaust=1/8		进气=出气=3/8 排气=1/4 Air Inlet=Air Outlet=3/8 Exhaust=1/4		进气=出气=排气1/2 Air Inlet=Air Outlet=Exhaust=1/2					
有效截面积 Effective Section Area	12mm ² (CV=0.67)		9mm ² (CV=0.50)	16mm ² (CV=0.89)		12mm ² (CV=0.67)	30mm ² (CV=1.67)		18mm ² (CV=1.00)	50mm ² (CV=2.79)			30mm ² (CV=1.68)
使用压力 Working-pressure	0.15~0.8Mpa												
最大耐压力 Max.Pressure Resistance	1.2Mpa												
工作温度 Operating-Temperature	-5~60℃												
最高动作频率 Highest Action Frequency	每秒5次/5Cycle/Sec		每秒3次 3Cycle/Sec	每秒5次/5Cycle/Sec		每秒3次 3Cycle/Sec	每秒4次/4Cycle/Sec		每秒3次/3Cycle/Sec				

手扳阀
HAND-PULL VALVE



ISO9001:2000

订购码/Ordering Code

4H 2 - 10 - 06 - L

系列代号
2:200系列
3:300系列
4:400系列
Series Code
200 Series
300 Series
400 Series

位置数
10:单头双位置
30:双头三位置
Number of Places
10:Single-head
Double-position
30:Double-head
Three-position

接管口径
Joint Pipe Bore
06:PT1/8"
08:PT1/4"
10:PT3/8"
15:PT1/2"

形式代号
空白:二位五通锁定型
L:三位五通锁定型
S:二位五通、三位五通弹簧复位型
Type Code
Blank:Two-position Five-way Locking Type
L:Three-position Five-way Locking Type
S:Two-position Five-way,Three-position
Five-way Spring Reset Type

规格代码
4H:二(三)位五通
Specification Code
4H:Two-(Three)-
position Five-way



规格/Specification

型号 Model	4H210-06	4H210-08	4H310-08	4H310-10
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air			
动作方式 Motion Pattern	直动式/Direct Drive Type			
有效截面积 Effective Section Area	14(Cv=0.78)	16(Cv=0.89)	25(Cv=1.39)	30(Cv=1.67)
接管口径 Joint Pipe Bore	进气=出气=排气=1/8" Air Inlet=Air Outlet=Exhaust=1/8"	进气=出气=1/4" 排气=1/8" Air Inlet=Air Outlet=1/4" Exhaust=1/8"	进气=出气=排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=3/8" 排气=1/4" Air Inlet=Air Outlet=3/8" Exhaust=1/4"
使用压力 Working-pressure	0~0.8MPa(0~114Psi)			
使用温度范围 Operating-Temperature Range	-5~60℃			

手拉阀
HAND-DRAW VALVE

订购码/Ordering Code

4R 2 - 10 - 06

系列代号
2:200系列
3:300系列
Series Code
200 Series
300 Series

位置数
10:单头双位置
Number of Places
10:Single-head
Double-position

接管口径
Joint Pipe Bore
06:PT1/8"
08:PT1/4"
10:PT3/8"

规格代码
4R:二位五通手拉阀
3R:二位三通手拉阀
Specification Code
4R:Two-position Five-way
Hand-draw Valve
3R:Two-position Three-way
Hand-draw Valve



规格/Specification

型号 Model	4R110-06	4R210-06	4R210-08	3R210-08	3R210-08	4R310-08	4R310-10	3R310-08	3R310-10
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air								
有效截面积 Effective Section Area	10mm ² (CV=0.56)	14mm ² (CV=0.78)	16mm ² (CV=0.89)	14mm ² (CV=0.78)	16mm ² (CV=0.89)	25mm ² (CV=1.4)	30mm ² (CV=1.68)	25mm ² (CV=1.4)	30mm ² (CV=1.68)
接管口径 Joint Pipe Bore	进气=出气=排气=1/8" Air Inlet=Air Outlet=Exhaust=1/8"	进气=出气=1/4" 排气=1/8" Air Inlet=Air Outlet=Exhaust=1/8"	进气=出气=排气=1/8" Air Inlet=Air Outlet=Exhaust=1/8"	进气=出气=排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=3/8" 排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=排气=1/4" Air Inlet=Air Outlet=Exhaust=1/4"	进气=出气=排气=3/8" Air Inlet=Air Outlet=Exhaust=3/8"
使用压力 Working-pressure	0~0.8MPa								
使用温度范围 Operating-Temperature Range	-5~60℃								
位通数 Position and Way Number	二位五通/Two-position Five-way			二位三通 Two-position Three-way		二位五通 Two-position Five-way		二位三通 Two-position Three-way	

手转阀
HAND-SWITCHING VALVE

ISO9001:2000

订购码/Ordering Code

HV 400 - 02 - B

规格代码 系列代号 接管口径 接管形式/Joint Pipe Type
手转阀 Series Code Joint Pipe Bore 空白:管接式
Specification Code 02:PT1/4" B:板接式
Hand-Switching Valve 03:PT3/8" Blank:Pipe Connection Type
04:PT1/2" B:Plate Connection Type

型号 Model	HV400-02	HV400-03	HV400-04	K34R _L -L6	K34R _L -L8
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air				
接管口径 Joint Pipe Bore	1/4"	3/8"	1/2"	1/8"	1/4"
有效截面积 Effective Section Area	30mm ² (CV=1.68)			18mm ² (CV=1.00)	
使用压力范围 Working-pressure Range	0~0.8MPa				
使用温度范围 Operating-Temperature Range	0~60℃				
位置数 Position and Way Number	二位四通/三位四通 Two-position Four-Way/Three-position Four-Way				



脚踏阀
FOOT VALVE

订购码/Ordering Code

4F 2 - 10 - 8 L

规格代码 系列代号 位置数 接口代号 型式代号
Specification Code Series Code Number of Places Joint Pipe Code Blank:标准型
4F:二位五通脚踏阀 2:200系列 10:单头双位置 08:PT1/4" L:附锁型
4F:Two-position Five-way 2:200Series 10:Single-head G:附罩型
Foot Valve Double-position LG:附锁及罩型
Type Code
Blank:standard type
L:with lock
G:with cover
LG:with lock and cover

型号 Model	4F210-08	4F210-08L	4F210-08G	4F210-08LG	FV420	FV320
工作介质 Working Medium	经40微米过滤的空气/40Micron Filtered Air					
位置数 Position and Way Number	二位五通/Two-position Five-Way				二位四通 Two-position Four-Way	二位三通 Two-position Three-Way
接管口径 Joint Pipe Bore	进气=出气=排气=1/4" AirInlet=AirOutlet=Exhaust=1/4"				进气=出气=1/4" 排气=1/8" AirInlet=AirOutlet=1/4" Exhaust=1/8"	
动作型式 Motion Pattern	直动式/Direct Drive Type					
使用压力范围 Working-pressure Range	0~0.8MPa					
使用温度范围 Operating-Temperature Range	0~60℃					



SINO-KOREA
NINGBO BOTE PNEUMATIC



✓ :Suitable

x :Unsuitable

Blank:Unknown

	Seal material				Body material				
	NBR	EPDM	PTFE	Viton	SUS304	SUS316	Brass	Cast iron	Plastic
丙酮 acetone		X	√	X	√	√	√	√	
乙炔 acetylene	√	X	√	√	√	√	√	√	
乙醇 ethanol	√	X	√	√	√	√	√	√	
甲醇 methanol	√	√	√	X	√	√	√	√	
酒 wine	√	X	√	√	√	√	√	√	√
酒精 alcohol	√	X	√		√	√	√	√	
空气 air	√	√	√	√	√	√	√	√	√
天然气 natural gas	√	√	√	√	√	√	√	√	
氧气 oxygen	√	√	√	√	√	√	√	√	√
氢气 hydrogen	√		√	√	√	√	√		
氮气 nitrogen			√	√	√	√	√		
城市煤气 town gas			√	√	√	√	√		
工业煤气 industrial gas	√		√		√	√	√		
精制石油 purify oil	X		√	√	√	√	√	√	
普通水 water	√	√	√	√	√	√	√	√	√
水蒸气 vapor	X	√	√	√	√	√	√	√	
饮用水 drinking water		√	√		√	√	√	√	√
海水 sea-water	√	√	√	√	√	√	√		√
工业废水 waste water			√	√	√	√			
汽油 gasoline		X	√	√	√	√	√	√	
煤油 kerosene	√	X	√	√	√	√	√	√	√
柴油 diesel fuel	√	X	√	√	√	√	√	√	√
牛奶 milk	√	√	√	√	√	√	√	√	√
氨 ammonia	X		√						
甲苯 toluene		X	√	√	√	√	√	√	
二甲苯 xylene		X	√	√	√	√	√	√	
丙烷 propane		X	√	√	√	√	√	√	
甲烷 methane	√	X	√	√	√	√	√	√	
二氧化硫 sulfur dioxide			√	√	√	√	√	√	
氢氧化钠 sodalye <20%	√	X	√		√	√		√	
硝酸 nitric acid <10%			√	√	√	√			
硫酸 vitriol <20%			√	√					
盐酸 hydrochloric acid <10%			√						
醋酸 acetic acid	√	X	√	√	√	√	√	√	

订购码/Ordering Code

● 2W(UD)系列二位二通直动式电磁阀 (小口径)

2W (UD) Series Two-position Two-way Direct Drive Type Solenoid Valve

2W

025

—

08

AC110V

E

流量孔径
Aperture of Flow Rate
012:1.2mm
020:2mm
025:2.5mm
040:4mm

接管口径
Joint Pipe Bore
06:1/8
08:1/4
10:3/8

标准电压
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

规格代码

Specification Code

2W:二位二通电磁阀-直通式

2WH:二位二通电磁阀-直通式(高压型)

2S: 不锈钢二们二通电磁阀-直通式

2SH:不锈钢二们二通电磁阀-直通式(高压型)

2W : Tow-position Two-way Solenoid valve-Direct Drive Type
2WH: Tow-position Two-way Solenoid valve-Direct Drive
Type(High-pressure Type)

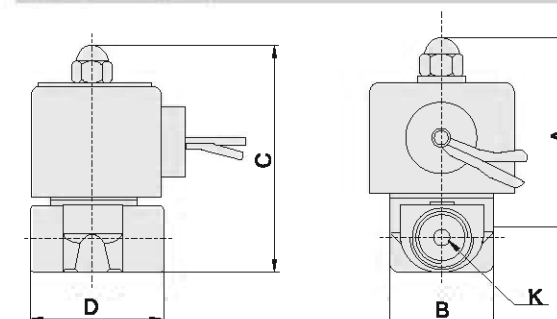
2S:Stainless Steel Two-position Two-way Solenoid Valve-Direct Drive Type
2SH:Stainless Steel Two-position Two-way Solenoid Valve-Direct Drive Type(High-pressure Type)

油封代号
空白:NBR
E:EPDM(蒸气用)
V:VITON
(高温、瓦斯及真宽用)
oil Seal Code
Blank:NBR
E:EPDM(For Steam)
V:VITON
(For High-temperature,
gas and vacuum)



■ 规格/Specification

型号 Model	2W025-06	2W025-08	2W040-10	2WH012-06	2WH012-08	2WH020-10
	2S025-06	2S025-08	2S040-10	2SH012-06	2SH012-08	2SH020-10
工作介质 Working Medium	空气、水、油、瓦斯/Air、Water、Oil、gas					
动作方式 Motion Mattern	直动式/Direct Drive Type					
型式/Type	常闭型/Normal Close Type					
流量孔径 Aperture of Flow Rate	2.5		4	1.2		2
CV值/CV Value	0.23		0.06	0.05		0.15
接管口径 Joint pipe Bore	1/8	1/4	3/8	1/8	1/4	3/8
使用流体粘滞度 Operation Fluid Viscosity	20 CST以下(Below)					
使用压力 Mpa Working-pressure	空气、水、油、瓦斯/Air、Water、Oil、gas:0~0.7			空气、水、油/Air、Water、Oil:0~2.0		
最大耐压力 Mpa Max Pressure-Resistance	1.0			3.5		
工作温度℃ Operating Temperature	-5~80					
使用电压范围 Voltage Range	±10%					
本体材质 Material of Body	2W:黄铜 Brass 2S不锈钢 Stainless Steel					
油封材质 Material of Oil Seal	NBR或VITON/NBR or VITON					



型号/Model	A	B	C	D	K
2W025-06	66	30.3	75.0	40.5	1/8
2W025-08	66	30.3	75.0	40.5	1/4
2W025-10	74	32.2	85.5	52.5	3/8
2WH012-06	66	30.3	75.0	40.5	3/8
2WH012-08	66	30.3	75.0	40.5	1/2
2WH020-10	74	32.2	85.5	52.5	3/4

2W(UW) (大口径) 系列二位三通直动式电磁阀 2W(UW)(LARGE APERTURE)SERISE TWO-POSITION TWO-WAY DIRECT DRIVE TYPE SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

2W 160 - 15 - AC110V V

规格代码
Specification Code
2W:二位三通电磁阀-直动式
2S: 不锈钢二位三通电磁阀-直动式
2W: Two-position Three-way
Solenoid valve-Direct Drive Type
2S:Stainless Steel Two-position
Two-way Solenoid Valve-Direct Drive Type

流量孔径
Aperture of Flow Rate
012:1.2mm
160: 16mm
200: 20mm
250: 25mm
350: 35mm
400: 40mm
500: 50mm

接管口径
Joint Pipe Bore
10: 3/8
15: 1/2
20: 3/4
25: 1
35: 1/4
40: 1/2
50: 2

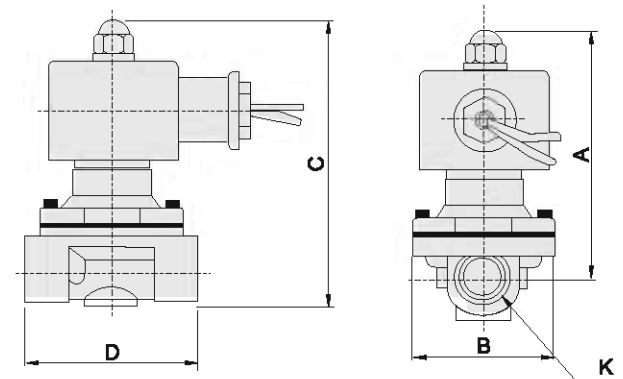
标准电压
Standard Voltage
DC12V
DC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

油封代号
Blank: NBR
E: EPDM
V: VITON (高温用)
oil Seal Code
Blank: NBR
E: EPDM
V: VITON
(For-High-temperature)



规格/Specification

型号 Model	2W160-10	2W160-15	2W200-20	2W250-25	2W350-25	2W400-40	2W500-50
	2S160-10	2S160-15	2S200-20	2S250-25	2S350-25	2S400-40	2S500-50
工作介质 Working Medium	空气、水、油/Air, Water, Oil						
动作方式 Motion Mattern	直动式/Direct Drive Type						
型式/Type	常闭型/Normal Close Type						
流量孔径 Aperture of Flow Rate	16		20	25	35	40	50
CV值/CV Value	4.8		7.6	12	24	29	48
接管口径 Joint pipe Bore	3/8	1/2	3/4	1	1 1/4	1 1/2	2
使用流体粘度 Operation Fluid Viscosity	20 CST以下(Below)						
使用压力 Mpa Working-pressure	空气/Air:0~0.7水/Water:0~0.5、油/Oil:0~0.5						
最大耐压力 Mpa Max Pressure-Resistance	1.0						
工作温度 °c Operating Temperature	-5~80						
使用电压范围 Voltage Range	±10%						
本体材质 Material of Body	2W:黄铜 Brass 2S:不锈钢 Stainless Steel						
油封材质 Material of Oil Seal	NBR或VITON/NBR or VITON						



型号/Model	A	B	C	D	K
2W160-10	101.5	57.0	117	69	3/8"
2W160-15	101.5	57.0	117	69	1/2"
2W200-20	107.0	57.0	123.5	73	3/4"
2W250-25	111.5	73.5	134.5	99	1"
2W350-35	142.0	95.0	172	123	1 1/4"
2W400-40	142.0	95.0	172	123	1 1/2"
2W500-50	172	123	209	168	2"

2L系列电磁阀 2L SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

2L (US) 系列二位三通电磁阀
2L (US) Series Two-position Two-way Solenoid Valve

2L 170 - 15 AC110V

规格代码
Specification Code
2L:二位三通电磁阀(蒸汽型)
2L:Two-position Three-way
Solenoid Valve (Steam Type)

流量孔径
Aperture of Flow Rate
170: 17mm
200: 20mm
300: 300mm
500: 50mm

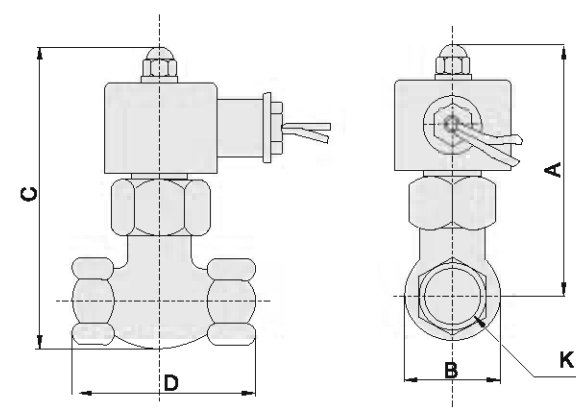
接管口径
Joint Pipe Bore
10: 3/8
15: 1/2
20: 3/4
25: 1
35: 1/4
40: 1/2
50: 2

标准电压
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz



规格/Specification

型号 Model	2L170-10	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
工作介质 Working Medium	空气、水、蒸汽/Air, Water, Steam						
动作方式 Motion Pattern	先导式/Guide Type						
型式/Type	常闭型/Normal Close Type						
流量孔径 Aperture of Flow Rate		17mm		22mm	30mm		50mm
CV值/CV Value		4.8		12	20		48
接管口径 Joint pipe Bore	3/8	1/2	3/4	1	1 1/4	1 1/2	2
使用流体粘度 Operation Fluid Viscosity	20 CST以下(Below)						
使用压力 Mpa Working-pressure	空气、水、蒸汽/Air, Water, Steam: 0.1~1.5						
最大耐压力 Mpa Max Pressure-Resistance	2.25						
工作温度 °c Operating Temperature	-5~180						
使用电压范围 Voltage Range	±10%						
本体材质 Material of Body	2W:黄铜 Brass						
油封材质 Material of Oil Seal	PTFE						



型号/Model	A	B	C	D	K
2L170-10	125	42.0	146	82	3/8"
2L170-15	125	42.0	146	82	1/2"
2L170-20	125	42.0	146	82	3/4"
2L200-25	136	52.0	162	90.5	1"
2L300-35	148	74.0	185	111	1 1/4"
2L300-40	148	74.0	183	111	1 1/2"
2L500-50	176	94.5	223	163	2"

订购码/Ordering Code

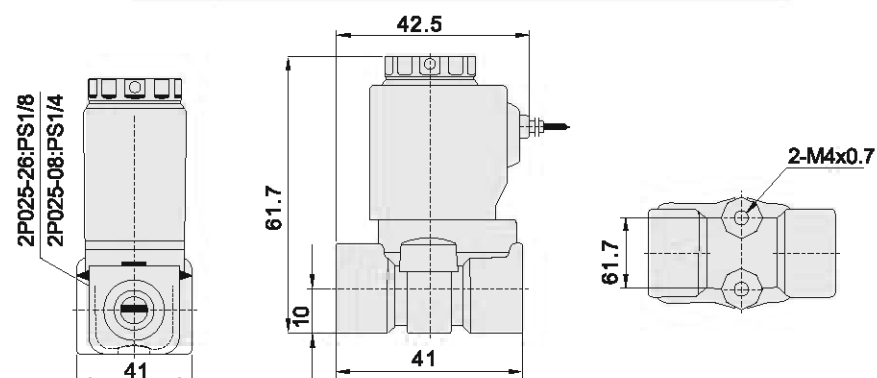
2P系列二位二通电磁阀

2P Series Two-position Two-way Solenoid Valve

2P	025	-	06	-	AC110V	W
规格代码 Specification Code 2P:二位二通电磁阀(塑钢型) 2P : Tow-position Two-way Solenoid valve (Reinforced Plastic Steel Type)	流量孔径 Aperture of Flow Rate 025: 2.5mm		接管口径 Joint Pipe Bore 06: 1/8 08: 1/4		标准电压 Standard Voltage DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz	接线形式 空白:标准端子式 LD:茶色带灯端子式 LDi:白色带灯端子式 W:引线式 Wiring Form Blank:standard Connector LDi: Brown with Lighting Connector LD: White with Lighting Connector W: Lead Wire Type

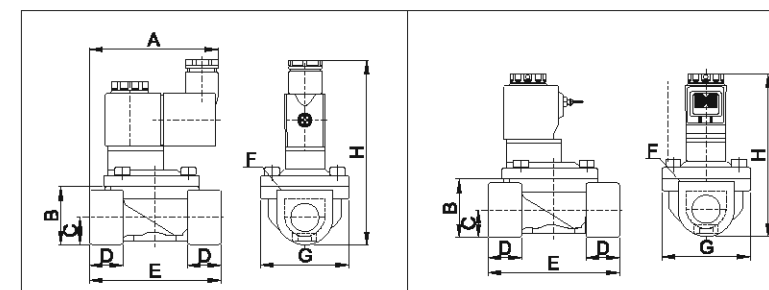
规格/Specification

型号 Model	2P025-06	2P025-08
工作介质 Working Medium	空气、水、油、瓦斯/Air, Water, Oil, gas	
动作方式 Motion Pattern	直动式/Direct Drive Type	
型式/Type	常闭型/Normal Close Type	
流量孔径 Aperture of Flow Rate	2.5	
CV值/CV Value	0.23	
接管口径 Joint pipe Bore	1/8	1/4
使用流体粘度 Operation Fluid Viscosity	20 CST以下(Below)	
使用压力 Mpa Working-pressure	0~0.7	
最大耐压力 Mpa Max Pressure-Resistance	1.0	
工作温度 °c Operating Temperature	-5~80	
使用电压范围 Voltage Range	±10%	
本体材质 Material of Body	工程塑料/Engineering Plastic	
油封材质 Material of Oil Seal	NBR或VITON/NBR or VITON	



订购码/Ordering Code

2V	025	-	06	-	AC110V	W
规格代码 Specification Code 2V:二位二通电磁阀 2V : Tow-position Two-way Solenoid valve	流量孔径 Aperture of Flow Rate 010: 1.0mm 025: 2.5mm 130: 13mm 250: 25mm		接管口径 Joint Pipe Bore M4: M4X0.7 06: 1/8 08: 1/4 10: 3/8 15: 1/2 20: 3/4 25: 1		标准电压 Standard Voltage DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz	油封代号 空白:NBR E:EPDM V: VITON(高温用) Oil Seal Code Blank:NBR E:EPDM V:VITON For-High-temperature)

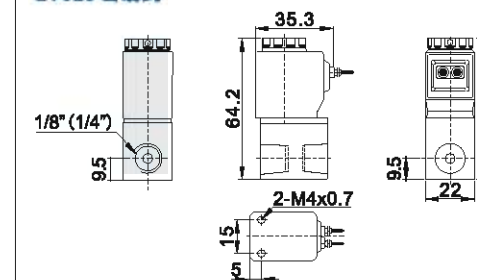


型号/Model	A	B	C	D	E	F	G	H	H1
2V130-10	70.7	32	15	18.5	72	PT3/8	49	103.2	90.7
2V130-15	70.7	32	15	18.5	72	PT1/2	49	103.2	90.7
2V250-20	73.7	45	21	23	102	PT3/4	77.5	120	107.4
2V250-25	73.7	45	21	23	102	PT1	77.5	120	107.4

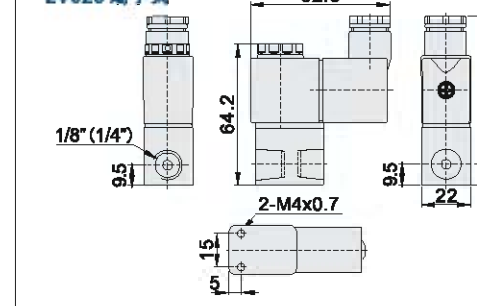
规格/Specification

型号 Model	2V025-08	2V130-15	2V250-25
工作介质 Working Medium	空气、水、油、瓦斯/Air、Water、Oil、gas		
动作方式 Motion Pattern	直动式/Direct Drive Type		
型式/Type	常闭型/Normal Close Type		
流量孔径 mm Aperture of Flow Rate	2.5	13	25
CV值/CV Value	0.23	6.2	23
接管口径 Joint pipe Bore	G1/4	G1/2	G1
使用液体粘度 Operation Fluid Viscosity	20 CST以下 (Below)		
使用压力 Mpa Working-pressure	0~0.8	0.5~0.7	
最大耐压力 Mpa Max Pressure-Resistance	1.2	1.05	
工作温度 °c Operating Temperature	-5~80		
使用电压范围 Voltage Range	±10%		
本体材质 Material of Body	铝或铜/Aluminum or Brass		黄铜 Brass
油封材质 Material of Oil Seal	NBR或VITON/NBR or VITON		NBR或VITON/NBR or VITON
最短励磁时间 Shortest Excitation Time	0.05		

2V025 出线式



2V025 端子式



VX系列电磁阀
VX SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

VX2120 - 08 - AC220V

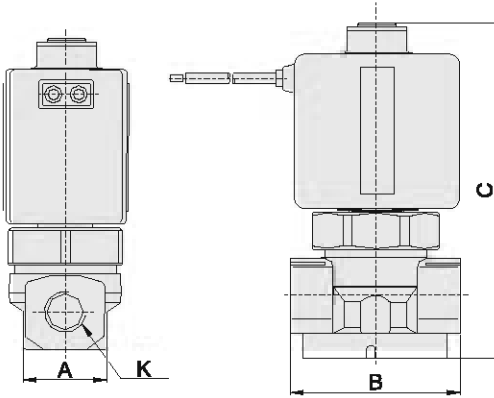
规格代码
Specification
Code

接管口径
Joint Pipe Bore
06: 1/8
08: 1/4
10: 3/8
15: 1/2

标准电压
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz



外形尺寸/Overall Dimension



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

规格/Specification

型号 Model	VX2120-06	VX2120-08	VX2120-10	VX2120-15
工作介质 Working Medium	空气、水、蒸气/Air, Water, Steam			
动作方式 Motion Pattern	直动式/Direct Drive Type			
型式/Type	常闭型/Normal Close Type			
使用压力 Mpa Working-pressure	0~1.0Mpa			
流量孔径 Aperture of Flow Rate	3		13	
接管口径 Joint pipe Bore	1/8	1/4	3/8	1/2
使用电压范围 Voltage Range	-5~150℃		-5~80℃	
油封材质 Material of Oil Seal	VITON		NBR	

PU220系列电磁阀
PU220 SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

PU 220 - 01 - AC110V

规格代码
PU:二位二通电磁阀
Specification Code
PU:Two-position Two-way
Solenoid Valve

动作方式
Motion Pattern
220:直动式
220: Direct Drive Type

接管口径
Joint Pipe Bore
01:1/8
02:1/4
03:3/8
04:1/2
06:3/4
08:1

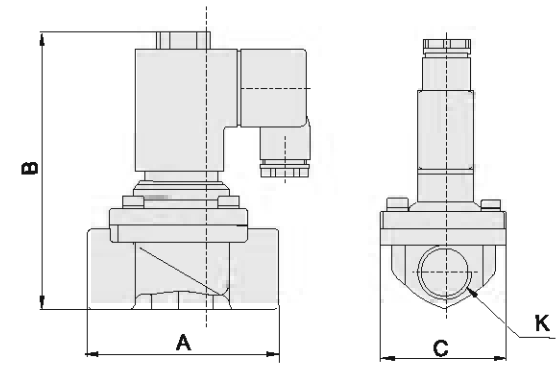
标准电压
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz



规格/Specification

型号 Model	PU220-01	PU220-02	PU220-03	PU220-04	PU220-06	PU220-08
工作介质 Working Medium	空气、水、油/Air, Water, Oil					
动作方式 Motion Pattern	直动式/Direct Drive Type					
型式/Type	常闭型/Normal Close Type					
流量孔径 mm Aperture of Flow Rate	1.5	2.3	8.0	13	20	25
CV值/Value m³/h	0.10	0.18	1.00	4.00	8.60	11.00
接管口径 Joint Pipe Bore	1/8	1/4	3/8	1/2	3/4	1
使用介质粘滞度 Operation Fluid Viscosity	50 CST					
使用压力 Mpa Working-Pressure	0~0.7Mpa					
最大耐压力 Mpa Max Pressure Resistance	1.05Mpa					
工作温度℃ Operating Temperature	-5~80					

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



PU225系列电磁阀
PU225 SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

PU 225 - 01 - AC110V

规格代码
PU:二位二通电磁阀
Specification Code
PU:Two-position Two-way
Solenoid Valve

动作方式
Motion Pattern
220:直通式
220:Direct Drive Type

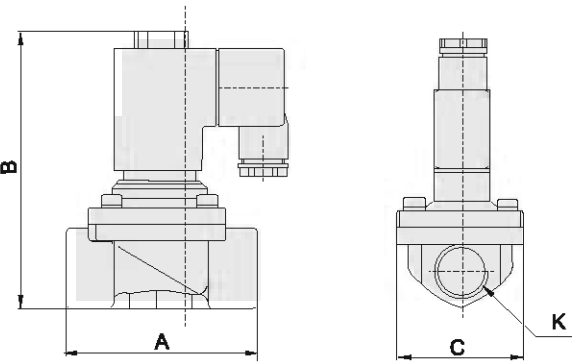
接管口径
Joint Pipe Bore
01:1/8
02:1/4
03:3/8
04:1/2
06:3/4
08:1

标准电压
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz



规格/Specification

型号 Model	PU225-03	PU225-04	PU225-06	PU225-08	PU225-12	PU225-14	PU225-20
	SPU225-03	SPU225-04	SPU225-06	SPU225-08	SPU225-12	SPU225-14	SPU225-20
工作介质 Working Medium	空气、水、油/Air, Water, Oil						
动作方式 Motion Pattern	直动式/Direct Drive Type						
型式/Type	常闭型/Normal Close Type						
流量孔径 mm Aperture of Flow Rate	13	13	25	25	38	38	50
Cv值/Value m³/h	4.50	4.5	12.00	12.00	22.00	30.00	48.00
接管口径 Joint Pipe Bore	3/8	1/2	3/4	1	1 1/4	3/4	2
工作压力 Working Pressure	0.5~1.0Mpa						
最大耐压力 Max. Pressure Resistance	1.5Mpa						
工作温度范围 Operating Temperature Range	-5~80						
本体材质 Material of Body	黄铜或不锈钢 Brass or Stainless Steel						



型号 Model	K	A	B	C
PU225-03	3/8"	66.5	106.5	48.0
SPU225-03	3/8"	66.5	106.5	48.0
PU225-04	1/2"	66.5	106.5	48.0
SPU225-04	1/2"	66.5	106.5	48.0
PU225-06	3/4"	96.0	126.0	70.0
SPU225-06	3/4"	96.0	126.0	70.0
PU225-08	1"	96.0	126.0	70.0
SPU225-08	1"	96.0	126.0	70.0
PU225-12	1 1/4"	131.0	145.5	98.0
SPU225-12	1 1/4"	131.0	145.5	98.0
PU225-14	1 1/2"	131.0	145.5	98.0
SPU225-14	1 1/2"	131.0	145.5	98.0
PU225-20	2"	160.0	160.5	112.0

NBPT系列电磁阀
NBPT SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

NPT22 - 001 - 06 AC110V

规格代码
NPT:二位二通系列
Specification Code
NPT:Two-position
Two-way Series

流量孔径
Aperture of
Flow Rate
001:1mm
002:2mm
003:3mm
004:4mm
005:5mm
006:6mm

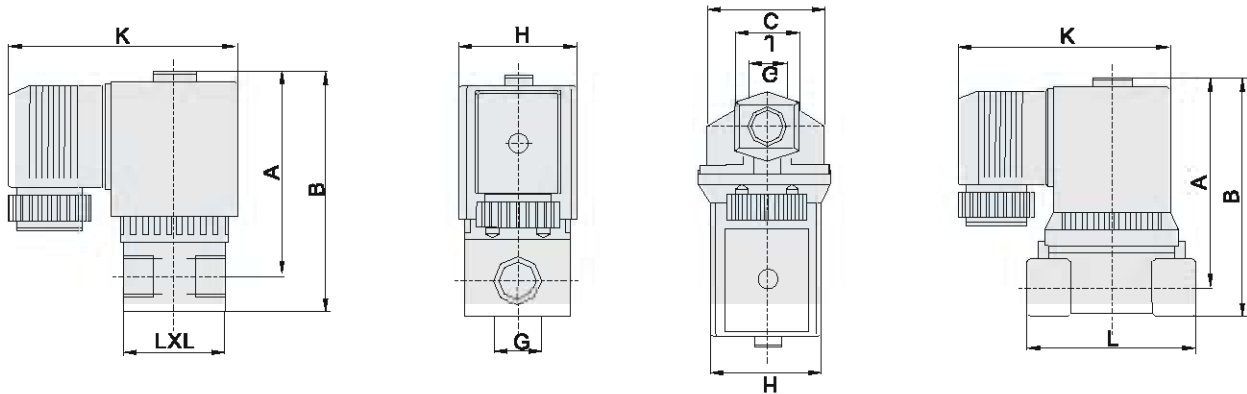
接管口径
Joint Pipe Bore
06:1/8"
08:1/4"
10:3/8"

标准电压
Standard Voltage
AC110V
AC220V
DC12V
DC24V



规格/Specification

型号 Model	流量孔径 Aperture of Flow Rate	接管口径 Joint Pipe Bore	工作压力 Working Pressure	KV值 KV Value	环境温度 Operating Temperature	介质温度 Medium Temperature
NPT2201-06	1mm	G1/8	0~0.8Mpa	0.02m³/h	-10~50℃	-10~80℃
NPT2202-06	2mm	G1/8	0~0.6Mpa	0.08m³/h		
NPT2201-06	1mm	G1/8	0~0.4Mpa	0.02m³/h		
NPT2202-06	2mm	G1/8	0~2.5Mpa	0.08m³/h		
NPT2203-06	3mm	G1/8	0~1.0Mpa	0.16m³/h		
NPT2203-08	3mm	G1/4	0~1.0Mpa	0.16m³/h		
NPT2204-08	4mm	G1/4	0~0.6Mpa	0.25m³/h		
NPT2205-08	5mm	G1/4	0~0.3Mpa	0.32m³/h		
NPT2206	6mm	G1/4~1/2	0~0.2Mpa	0.54m³/h		



型号 Model	G	LXL(L)	K	A	B	C	H	J
NPT2201-06	1/8	20x25	59	49	56	-	22	-
NPT2201-06	1/8	20x25	59	49	56	-	22	-
NPT2201-06	1/8	32x32	76	59	67	-	36	-
NPT2201-06	1/8	32x32	76	59	67	-	36	-
NPT2201-06	1/8	32x32	76	59	67	-	36	-
NPT2201-08	1/4	32x46	76	60	69	-	36	-
NPT2201-08	1/4	32x46	76	60	69	-	36	-
NPT2201-08	1/4	32x46	76	60	69	-	36	-
NPT2201-08	1/4~1/2	32x46	76	60	69	-	36	-
NPT2206	1/4~1/2	50	76	71	85	38	36	26

NBPT系列电磁阀
NBPT SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

NPT23 - 001 - 06 AC110V

规格代码
NPT:二位三通系列
Specification Code
NPT:Two-position
Three-way Series

流通口径
Aperture of
Flow Rate
001: 1.5mm
002: 2mm
003: 2.5mm
1501: 1.5mm
1502: 2mm

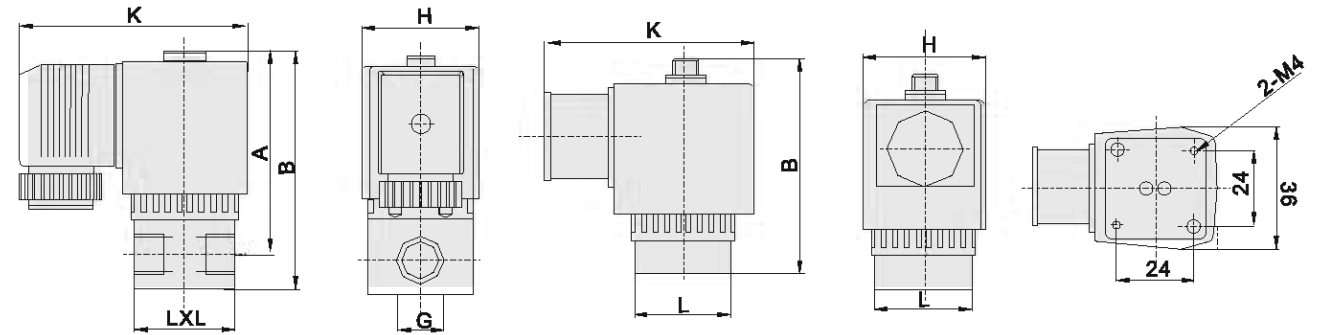
接管口径
Joint Pipe Bore
06:1/8"
08:1/4"
M:底板连接
M:Panel Mounting

标准电压
Standard Voltage
AC110V
AC220V
DC12V
DC24V



规格/Specification

型号 Model	流量口径 Aperture of Flow Rate	接管口径 Joint Pipe Bore	工作压力	KV值 KV Value	环境温度 Operating Temperature	介质温度 Medium Temperature
NPT23001-06	1.5mm	G1/8	0~1.6Mpa	0.02m³/h	-10~50°C	-10~80°C
NPT23002-06	2.0mm	G1/8	0~1.6Mpa	0.08m³/h		
NPT23003-06	2.5mm	G1/8	0~0.6Mpa	0.16m³/h		
NPT23001-08	1.5mm	G1/4	0~1.6Mpa	0.02m³/h		
NPT23002-08	2.0mm	G1/4	0~1.0Mpa	0.08m³/h		
NPT23003-08	2.5mm	G1/4	0~0.6Mpa	0.16m³/h		
NPT231501-B	1.5mm	底部连接	0~1.6Mpa	0.02m³/h		
NPT231502-B	2.0mm	底部连接	0~1.0Mpa	0.08m³/h		



型号 Model	G	LXL(L)	K	A	B	H
NPT23001-06	1/8	20x32	76	67	75	36
NPT23002-06	1/8	20x32	76	67	75	36
NPT23003-06	1/8	32x32	76	67	75	36
NPT23001-08	1/4	32x46	76	68	77	36
NPT23002-08	1/4	32x46	76	68	77	36
NPT23003-08	1/4	32x46	76	68	77	36
NPT231501-B	底板连接 Panel Mounting	32x32	63	-	66	36
NPT231502-B	底板连接 Panel Mounting	32x32	63	-	66	36

SLG系列高压电磁阀
SLG SERIES SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

SLG5405 - 15 - □ - AC220V

规格代码
SLG5405系列
Specification Code
SLG5405 Series

接管口径
Joint Pipe Bore
15:1/2"
20:3/4"
25:1"

接线形式
Wiring Form
Blank:standard
Connector

标准电压
Standard Voltage
AC24V
AC110V
AC220V
AC380V
DC12V
DC24V



规格/Specification

型号 Model	SLG5404-04		SLG5404-06	SLG5404-08
工作介质 Working Medium	空气、水、油/Air、Water、Oil			
动作方式 Motion Pattern	先导式/Guide Type			
型式/Type	常闭型/Normal Close Type			
流量孔径 Aperture of Flow Rate	12	20	25	
Kv值 KV Value	2.0	5.0	10.0	
接管口径 Joint pipe Bore	G1/2	G3/4	G1	
使用压力 Kgf/cm ² Working-pressure	气体/GAS:1-50,液体/Liquid:1-50		气体/GAS:1-40,液体/Liquid:1-25	气体/GAS:1-40,液体/Liquid:1-25
最大耐压力 Kgf/cm ² Max. Pressure Resistance	75	60		
工作温度范围 °C Operating Temperature Range	-50~150℃			
使用电压范围 Operating Voltage Range	±10%			
保护等级 Protect Class	Ip65			
耗电量 Power Consumption	AC:5.5VA, DC:9W			
绝缘性 Insulation	F级(Class)			
本体材质 Material of Body	黄铜/Brass			
油封材质 Material of Oil Seal	聚四氟乙烯(PTFE)			

2WSL系列塑料电磁阀
2WSL SERIES SOLENOID VALVE



饮水机专用阀
SPECIAL VALVE FOR WATER FOUNTAIN



ISO9001:2000

ISO9001:2000

订购码/Ordering Code

2W-15-SL K - AC110V

规格代码
Specification Code
2WSL系列
2WSL Series

空白:常闭式
K:常开式
Blank:N/C
K:N/O

标准电压
Standard Voltage
AC110V
AC220V
DC 24V

型号 Model	2W-15-SL	2W-20-SL	2W-25-SL
工作压力 Working Pressure	常开\常闭 6Bar N/O,N/C 6Bar		
介质温度 Medium Temperature	0~60℃		
动作方式 Mode of action	分步直动式/Semi-direct lift type		
工作介质 Working Medium	水、液体/Water、Liquid		
流量孔径 mm Aperture of Flow Rate	15	20	25
接管口径 Joint pipe Bore	1/2"	3/4"	1"
阀体材质 Body Material	增强尼龙PA		
膜片材质 Sealing Material	丁腈橡胶 (NBR)		
线圈保护等级 Protection class	塑封线圈IP65		



订购码/Ordering Code

NSLC 1 - AC220V

规格代码
Specification Code
NSLC系列 Series

流量孔径
Aperture of Flow Rate
1:1/8-2.5mm
2:1/4-2.5mm
3:8
3:9

标准电压
Standard Voltage
AC220V
DC24V



脉冲阀
NPTYF SERIES 2/2 PULSE VALVE

订购码/Ordering Code

直角式
Right-Angle Type
NPTYF 25 - AC220V

规格代码
Specification Code
NPTYF系列
NPTYF Series

流量孔径
Aperture of Flow Rate
25: 25mm
40: 40mm
50: 50mm
65: 65mm
76: 76mm

标准电压
Standard Voltage
AC220V
DC24V

型号 Model	NPTYF-50		NPTYF-62		NPTYF-76	
工作压力 Working Pressure	0.3~0.8Mpa					
工作温度 Working Temperature	-10~55℃					
相对湿度 Relative Temperature	<85%					
工作介质 Working Medium	干净空气/Clean Air					
电压 Voltage	AC110V/AC220V/DC24V					
膜片寿命 Diaphragm Life	喷吹100万次以上/Over One Million Cycles					
流量孔径 mm Aperture of Flow Rate	25	40	50	65	76	
接管口径 Joint pipe Bore	1	1-1/2	2	2-1/2	G3	



型号 Model	SLC1		SLC2		SLC3		SLC4	
工作介质 Working Medium	水/Water							
动作方式 Motion Pattern	直动式/Direct Drive Type							
型式/Type	2/2							
流量孔径 mm Aperture of Flow Rate	2.5mm (3/32)				8		9	
接管口径 Joint pipe Bore	1/8		1/4				12	
工作压力 Working Pressure	0~0.8Mpa						0~0.6Mpa	
温度 Temperature			0~100℃					
介质温度 Medium Temperature			-10~40℃					
密封材质 Sealing Material	EPDM				硅橡胶/Silicone			
阀体材质 Body Material	PP1/8黑1/4 (白) Nylon66				PP			

JZF系列二位三通截止式电磁阀
JZF SERIES TWO-POSITION THREE-WAY
STOP SOLENOID VALVE



ISO9001:2000

订购码/Ordering Code

3V JZF - 01 - AC110 - W

3V:二位三通电磁阀
3A:二位三通气控阀
3V: Two Position Three
Way Solenoid Valve
3A: Two Position Three
Way Pneumatic Control
Valve

JZF
截止型
Stop Type

01
接管口径
Joint Pipe Bore
15: 1/2
25: 1

AC110
标准电压
Standard Voltage
DC12V
DC24V
AC110V (50/60) Hz
AC220V (50/60) Hz
AC380V (50/60) Hz

W
接线型式
Blank: 标准端子式
LD: 棕色带灯端子式
LD: 白色带灯端子式
W: 引线式
Wiring Form
Blank: Standard
Connector
LD: Brown with
Lighting Connector
LD: white with
Lighting Connector
W: Lead Wire Type

型号 Model	3VJZF-15	3VJZF-25	3AJZF-15	3AJZF-15
工作介质 Working Medium	空气/Air			
动作方式 Motion Pattern	截止式/Stop Type			
流量孔径 mm Aperture of Flow Rate	16	25	16	25
接管口径 Joint Pipe Bore	1/2"	1"	1/2"	1"
使用压力 Mpa Working-Pressure	0~1.0Mpa			
最大耐压力 Mpa Max Pressure Resistance	1.5Mpa			
电压范围 Voltage Range	±10%			
本体材质 Material of Body	铝/Aluminum			



NDF系列二位二通电磁阀（常闭）
NDF SERIES 2/2 SOLENOID VALVE(NORMAL CLOSE)

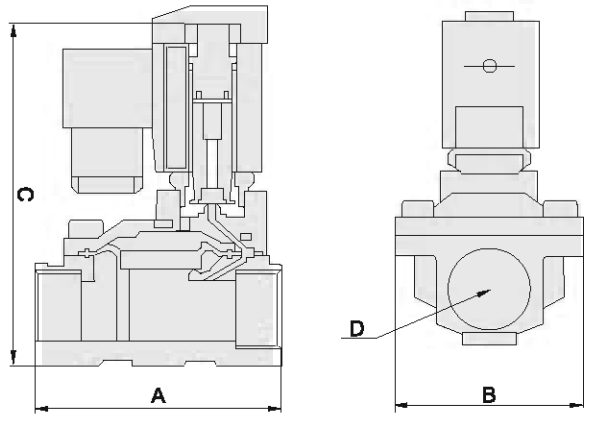
型号 Model	NDF-15	NDF-20	NDF-25	NDF-35
	NDF-40	NDF-50	NDF-65	NDF-80
使用介质 Working Medium	水/Water			
使用压力 Bar Working-Pressure	<φ50 (0-6) >φ65 (0.6-5)			
使用电压范围 Voltage Range	±10%			
环境温度 Working Temperature	-10~50			
介质温度 Medium Temperature	0~60			
耗电量 Power Consumption	220V 50Hz Power:AC25W			
绝缘体 Insulation	B级/B Class			
使用寿命 Life	20万次/20 Million times			
开闭速度 Speed	≤0.2秒/≤0.2 Sec.			



RSP-20S先导式电磁阀
RSP-20S SERIES SOLENOID VALVE



ISO9001:2000



规格/Specification

型号 Model	A/Length	B/Width	C/Height
RSP1-3/RSP1-3S	41	29	83
RSP2-3/RSP2-3S	41	29	83
RSP10/RSP10S	66	48	112
RSP15/RSP15S	66	48	112
RSP20/RSP20S	75	58	118
RSP25/RSP25S	96	70	131
RSP35/RSP35S	131	96	146
RSP40/RSP40S	131	96	146
RSP50/RSP50S	165	120	167

型 号 Model	RSP1-3	RSP2-3	RSP-10	RSP-15	RSP-20	RSP-25	RSP-35	RSP-40	RSP-50
	RSP1-3S	RSP2-3S	RSP-10S	RSP-15S	RSP-20S	RSP-25S	RSP-35S	RSP-40S	RSP-50S
介质 Medium	空气、水、瓦斯、热水、液体/Air、GAS、WATER、HOT WATER LIQUID								
类型/Type	2/2常闭式/2/2Normal Close Type								
流量孔径 Aperture of Flow Rate	3	3	13	13	20	25	35	40	50
CV值/CV Value	0.23	0.23	4.5	4.5	7.6	12	22	30	48
接管口径 Joint pipe Bore	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
工作压力 Working Pressure	0-13Bar		0.5-13Bar						
最大耐压力 Max. Pressure Resistance	17Bar								
备注 NOTE	密封材质/SEAL MATERIAL: NBR/EPDM/VITON								
	环境温度/ENVIRONMENT TEMPERATURE: 0-65℃								
	最高介质温度/MAX. TEMPERATURE FOR MEDIUM: NBR: 80℃ EPDM: 130℃ VITON: 120℃								
	本体材料/VALVE BODY: 铜/BRASS 不锈钢/SS316								

SINO-KOREA

NINGBO BOTE PNEUMATIC



空气过滤组合（三联件）
AIR FILTER COMBINATION (F.R.L COMBINATION)



ISO9001:2000

AC1000~5000系列/ Series



订购码/Ordering Code

AC	4000	-	04	D	N
系列/Series AC系列 AC Series	规格代号 Specification Code 1000 2000 2500 3000 4000 5000		接管口径 Joint Pipe Bore M5: M5X0.8 01: G1/8" 02: G1/4" 03: G3/8" 04: G1/2" 06: G3/4" 10: G1"	排水方式 Blank: 差压排水 D: 自动排水 Blank: Differential Drain D: Automatic Drain	空白: 标准型 N: 金属杯 Blank: Standard Type N: Metal Cup

规格/Specification

型号 Model	AC1000-M5	AC2000-01	AC2000-02	AC2500-02	AC2500-03	AC3000-02	AC3000-03	AC4000-03	AC4000-04	AC4000-06	AF5000-06	AF5000-10	
额定流量 Rated Flow	90	500	500	1500	1500	2000	2000	4000	4000	4500	5000	5000	
接管口径 Joint Pipe Bore	M5	1/8	1/4	1/4	3/8	1/4	3/8	3/8	1/2	3/4	3/4	1	
过滤精度 Filter Precision	25μm												
最高使用压力 Highest Working Pressure	1.0Mpa												
保证耐压力 Ensured Pressure Resistance	1.5Mpa												
使用温度范围 Operating Temperature Range	5~60℃												
调压范围 Range of Adjustable Pressure	0.05~0.7Mpa			0.05~0.85Mpa									
建议用油 Recommended Oil Use	ISO VG 32												
容器材料 Container Material	聚碳酸酯/Polycarbonate												
防护罩 Protective Cover	无/Not Available			有/Available									
放水器功能 Drain Function	差压放水/Differential Drain			差压放水、自动放水/Differential Drain、Automatic Drain									
阀型/Valve Type	带溢流型/With Overflow												
组件 Assembly	过滤器 Filter	AF1000-M5	AF2000-01	AF2000-02	AF3000-02	AF3000-02	AF3000-02	AF3000-03	AF4000-03	AF4000-04	AF4000-06	AF5000-06	AF5000-10
	调压阀 Regulator	AR1000-M5	AR2000-01	AR2000-02	AR2500-02	AR2500-02	AR3000-02	AR3000-03	AR4000-03	AR4000-04	AR4000-06	AR5000-06	AR5000-10
	油雾器 Lubricator	AL1000-M5	AL2000-01	AL2000-02	AL3000-02	AL3000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-06	AL5000-10

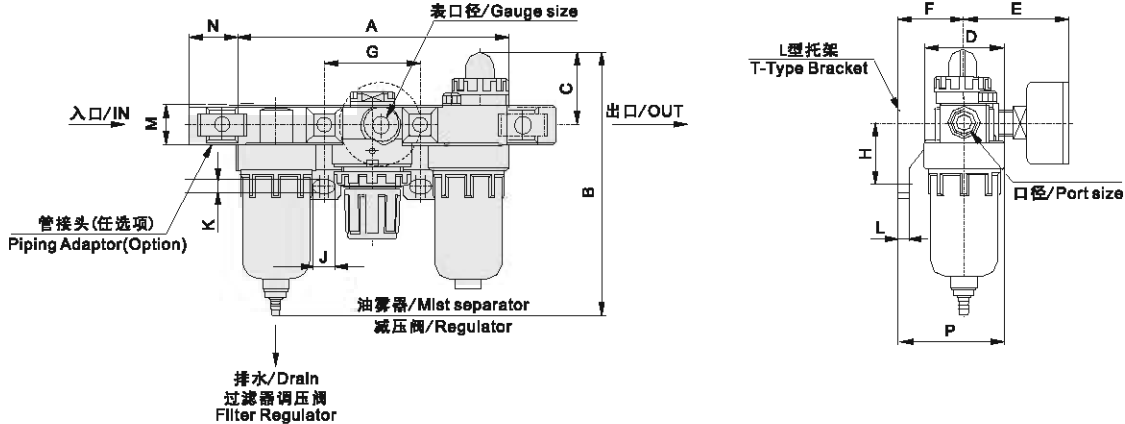
空气过滤组合（三联件）
AIR FILTER COMBINATION (F.R.L COMBINATION)



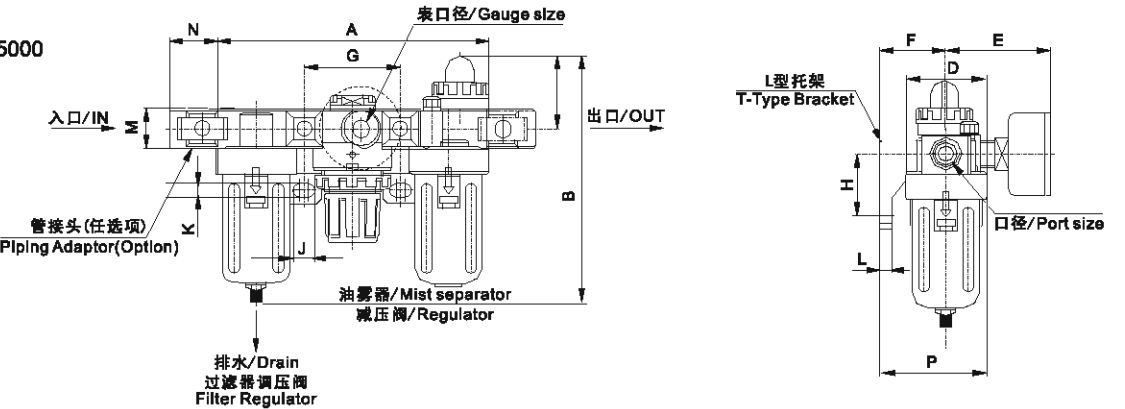
ISO9001:2000

外形尺寸/Overall Dimension

AC1000-2000



AC2500-5000



型号/Model	口径/Bore	A	B	C	D	E	F	G	H	J	K	L	M	N	N
AC1000	M5	91	84.5	25.5	25	26	25	33	20	4.5	7.5	5	17.5	16	38.5
AC2000	1/8~1/4	140	125	38	40	56.8	30	50	24	5.5	8.5	5	22	23	50
AC2500	1/4~3/8	181	156.5	38	53	60.8	41	64	35	7	11	7	24.2	26	70.5
AC3000	1/4~3/8	181	156.5	38	53	60.8	41	64	35	7	11	7	34.2	26	70.5
AC4000	3/8~1/2	238	191.5	41	70	65.5	50	84	40	9	13	7	42.2	33	88
AC4000-06	3/4	253	193	40.5	70	69.5	50	89	40	9	13	7	46.2	36	88
AC5000	3/4-1	300	271.5	48	90	75.5	69.8	105	50	12	16	10.5	55.2	40	115

空气过滤组合 (二联件)
AIR FILTER COMBINATION (FR.L COMBINATION)



ISO9001:2000

AC1010~5010系列/ Series



订购码/Ordering Code

AC	4010	-	04	D	N
系列/Series AC系列 AC Series	规格代号 Specification Code 1010 2010 3010 4010 5010		接管口径 Joint Pipe Bore M5: M5X0.8 01: G1/8" 02: G1/4" 03: G3/8" 04: G1/2" 06: G3/4" 10: G1"	排水方式 空白: 差压排水 D: 自动排水 Blank: Differential Drain D: Automatic Drain	空白: 标准型 N: 金属杯 Blank: Standard Type N: Metal Cup

规格/Specification

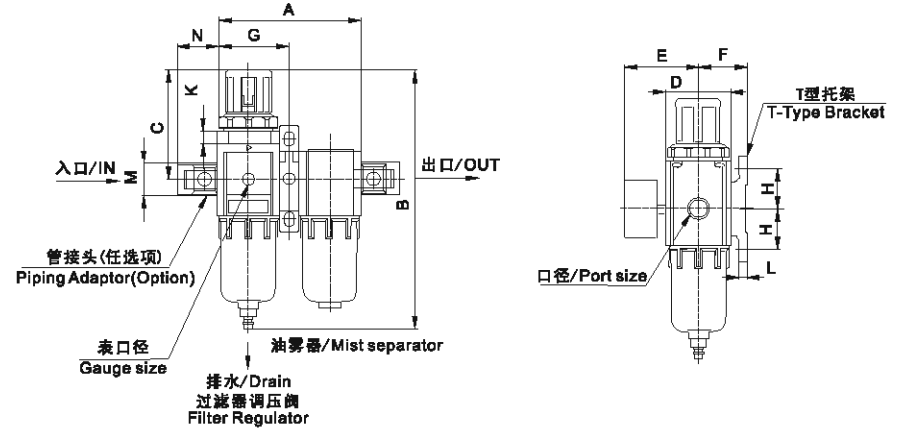
型号 Model		AC1010-M5	AC2010-01	AC2010-02	AC3010-02	AC3010-03	AC4010-03	AC4010-04	AC4010-06	AC5010-06	AC5010-10
额定流量 Rated Flow		90	500	500	1700	1700	3000	3000	3000	4000	4000
接管口径 Joint Pipe Bore		M5	1/8	1/4	1/4	3/8	3/8	1/2	3/4	3/4	1
过滤精度 Filter Precision		25 μm									
最高使用压力 Highest Working Pressure		1.0Mpa									
保证耐压力 Ensured Pressure Resistance		1.5Mpa									
使用温度范围 Operating Temperature Range		5~60°C									
调压范围 Range of Adjustable Pressure		0.05~0.7Mpa		0.05~0.85Mpa							
建议用油 Recommended Oil Use		ISO VG 32									
容器材料 Container Material		聚碳酸酯脂肪/Polycarbonate									
防护罩 Protective Cover		无/Not Available				有/Available					
放水器功能 Drain Function		差压放水/Differential Drain			差压放水、自动放水/Differential Drain、Automatic Drain						
阀型/Valve Type		带溢流型/With Overflow									
组件 Assembly	过滤调压阀 Filter & Regulator	AW1000-M5	AW2000-01	AW2000-02	AW3000-02	AW3000-03	AW4000-03	AW4000-04	AW4000-06	AW5000-06	AW5000-10
	油雾器 Lubricator	AL1000-M5	AL2000-01	AL2000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-06	AL5000-10

空气过滤组合 (二联件)
AIR FILTER COMBINATION (FR.L COMBINATION)

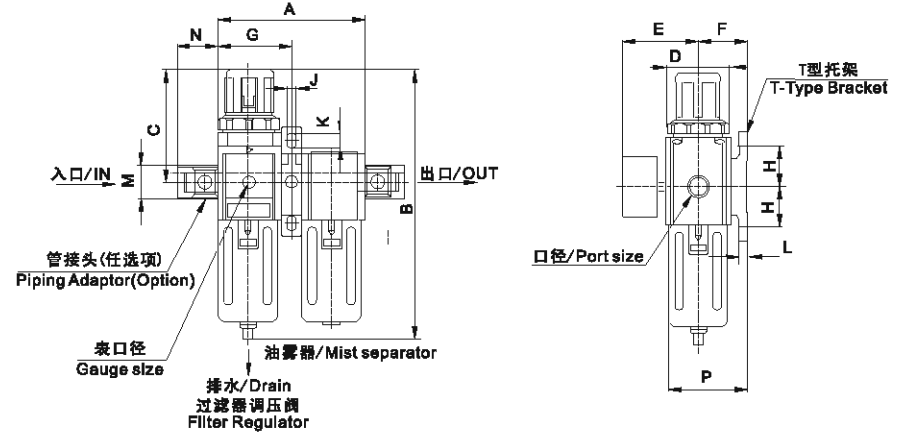


ISO9001:2000

AC1010-2010



AC3010-5010



型号 Model	口径 Port Size (G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AC1010	M5	58	109.5	50.5	25	26	25	29	20	4.5	7.5	5	17.5	16	38.5
AC2010	1/8-1/4	90	164.5	78	40	56.8	30	45	24	5.5	8.5	5	22	23	50
AC3010	1/4-3/8	117	211	92.5	53	60.8	41	58.5	35	7	11	7	34.2	28	70.5
AC4010	3/8-1/2	154	262	112	70	70.5	50	77	40	9	13	7	42.2	33	88
AC4010-06	3/4	164	267	114	70	70.5	50	82	40	9	13	7	46.2	36	88
AC5010	3/4-1	195	338	116	90	75.5	69.8	97.5	50	12	16	10.5	55.2	40	115

AF系列空气过滤器
AF SERIES AIR FILTER



ISO9001:2000

AF1000~5000系列/ Series



订购码/Ordering Code

AF 4000 - 04 - D - N

系列/ Series
AF系列/ AF Series

规格代号
Code
1000
2000
3000
4000
5000

接管口径
Joint Pipe Bore
M5: M5X0.8
01: G1/8"
02: G1/4"
03: G3/8"
04: G1/2"
06: G3/4"
10: G1"

排水方式
空白: 差压排水
D: 自动排水
Drian Type
Blank: Differential Drain
D: Automatic Drain

空白: 标准型
N: 金属杯
Blank: Standard
Type
N: Metal Cup

型号 Model	规格/Specifications				配件 Accessories	放水器功能 Drain Function	自动排水型号 Auto Drain Model
	额定流量(L/min) Rated Flow	接管口径 Port Size G	杯容量(CM³) Bowl Capacity	重量 Weight(kg)	托架(Bracket)		
AF1000-M5	110	M5	4	0.07	-	手动排水/Manual Drain	
AF2000-01	750	1/8	15	0.19	B240		AF1000-01D
AF2000-02		1/4					AF1000-02D
AF3000-02	1500	1/4	20	0.29	B340	a:停气排水 Air Shutoff Drain	AF1000-02D
AF3000-03		3/8					AF1000-03D
AF4000-03	4000	3/8	45	0.55	B440		AF1000-03D
AF4000-04		1/2				AF1000-04D	
AF4000-06	6000	3/4	45	0.58	B540	A.手动排水 Manual Drain	AF1000-06D
AF5000-06		3/4					AF1000-06D
AF5000-10	7000	1	130	1.08	B640		AF1000-10D

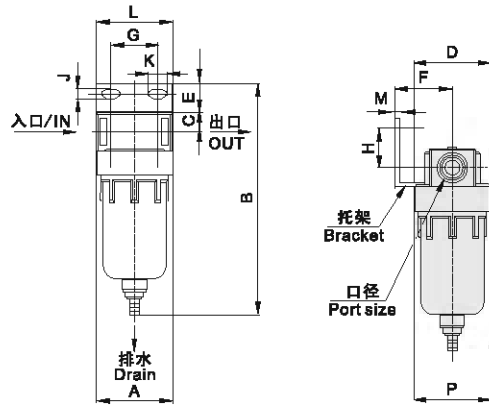
型号 Model	AF1000-M5	AF2000-01	AL2000-02	AL3000-02	AL3000-03	AF4000-03	AF4000-04	AF4000-06	AF5000-06	AF5000-10
额定流量 Rated Flow	110	750	750	1500	1500	4000	4000	6000	7000	7000
接管口径 Joint Pipe Bore	M5	1/8	1/4	1/4	3/8	3/8	1/2	3/4	3/4	1
过滤精度 Filter Precision	25 μm									
最高使用压力 Highest Working Pressure	1.0Mpa									
保证耐压力 Ensured Pressure Resistance	1.5Mpa									
使用温度范围 Operating Temperature Range	5~60°C									
容器材料 Container Material	聚碳酸酯/Polycarbonate									
防护罩 Protective Cover	无/Not Available					有/Available				
放水器功能 Drain Function	差压放水/Differential Drain					差压放水、自动放水/Differential Drain、Automatic Drain				

AF系列空气过滤器
AF SERIES AIR FILTER

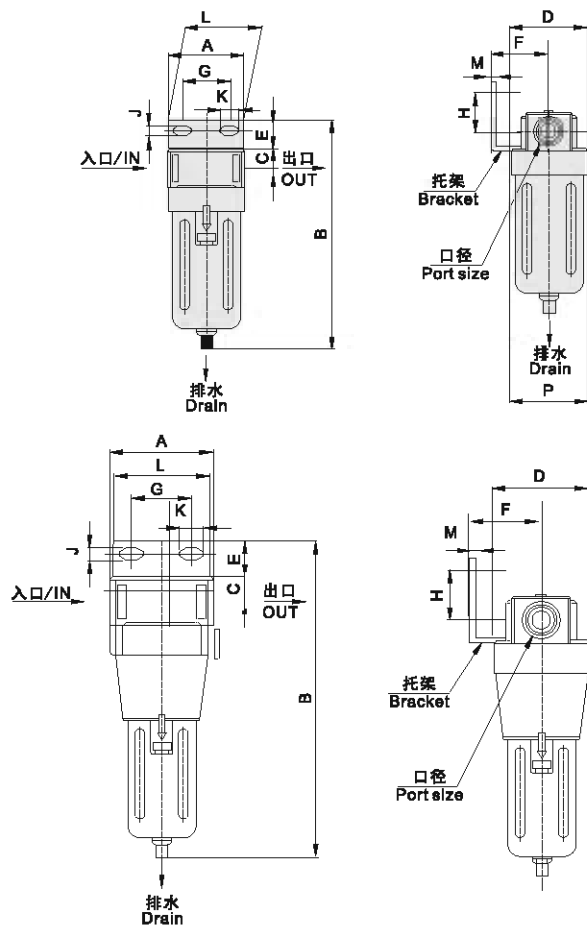


ISO9001:2000

AF1000~2000系列/ Series



AF3000~4000系列/ Series



AF5000系列/ Series

型号 Model	口径 Bore	A	B	C	D	E	F	G	H	J	K	L	M	P
AF1000	M5	25	66	7	25	-	-	-	-	-	-	-	-	26.5
AF2000	1/8~1/4	40	97.5	11	40	17	30	27	22	5.4	8.4	40	2.3	40
AF3000	1/4~3/8	53	132.5	14	53	16	41	40	23	6.5	8	53	2.3	56
AF4000	3/8~1/2	70	168.5	18	70	17	50	54	26	8.5	10.5	70	2.3	73
AF4000-06	3/4	75	172.5	20	70	14	50	54	25	8.5	10.5	70	2.3	73
AF5000	3/4~1	90	247.5	24	90	23	66.5	66	35	11	13	90	3.2	90

AR系列调压阀 AR SERIES REGULATOR

ISO9001:2000



订购码/Ordering Code

AR - 4000 - 03

系列
AR系列
Series
ARSeries

规格代号
Specification
Code
1000
2000
3000
4000
5000

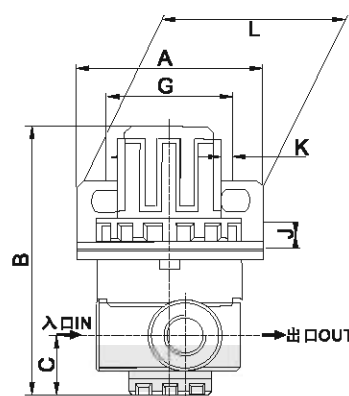
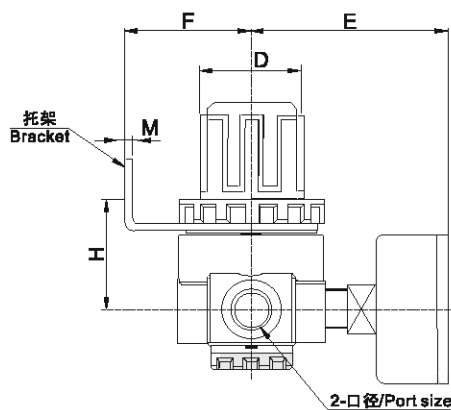
接管口径
Joint Pipe Bore
M5: M5X0.8"
01: G1/8"
02: G1/4"
03: G3/8"
04: G1/2"
06: G3/4"
10: G1"



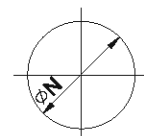
AR1000~5000系列/ Series

规格/Specification

型号 Model	AR1000-M5	AR2000-01	AR2000-02	AR2500-02	AR2500-03	AR3000-02	AR3000-03	AR4000-03	AR4000-04	AF4000-06	AF5000-08	AF5000-10
额定流量 Rated Flow	100	550	550	2000	2000	2500	2500	6000	6000	6000	8000	8000
接管口径 Joint Pipe Bore	M5	1/8	1/4	1/4	3/8	1/4	3/8	3/8	1/2	3/4	3/4	1
最高使用压力 Highest Working Pressure	1.0Mpa											
保证耐压力 Ensured Pressure Resistance	1.5Mpa											
使用温度范围 Operating Temperature Range	5~60°C											
调压范围 Range of Adjustable Pressure	0.05-0.7Mpa											
阀型/Valve Type	带溢流型/With Overflow											



面板切割孔/Panel Cut Hole



AR1000~3000:
最大厚度/Max3.5mm
AR4000~5000:
最大厚度/Max5mm

型号 Model	口径 Port Size G	A	B	C	D	E	F	G	H	J	K	L	M	N
AR1000	M5	25	61.5	11	25	26	25	28	30	4.5	6.5	40	2	20.5
AR2000	1/8-1/4	40	95	17	40	56.8	30	34	44	5.4	15.4	55	2.3	33.5
AR2500	1/4-3/8	53	102.5	25	48	60.8	30	34	44	5.4	15.4	55	2.3	33.5
AR3000	1/4-3/8	53	127.5	35	53	60.8	39	40	46	6.5	8	53	2.3	42.5
AR4000	3/8-1/2	70	149.5	37.5	70	65.5	49.2	54	54	8.5	10.5	70	2.3	52.5
AR4000-06	3/4	75	154	40.5	70	69.5	49.2	54	55.5	8.5	10.5	70	2.3	52.5
AR5000	3/4-1	90	168	48	90	75.5	49.2	54	62	8.5	10.5	70	2.3	52.5

AL油雾器 AL SERIES LUBRICATOR

ISO9001:2000



订购码/Ordering Code

AL - 3000 - 04 - N

系列
A系列
Series
ASeries

规格代号
Specification
Code
1000
2000
3000
4000
5000

接管口径
Joint Pipe Bore
M5: M5X0.8
01: G1/8"
02: G1/4"
03: G3/8"
04: G1/2"
06: G3/4"
10: G1"

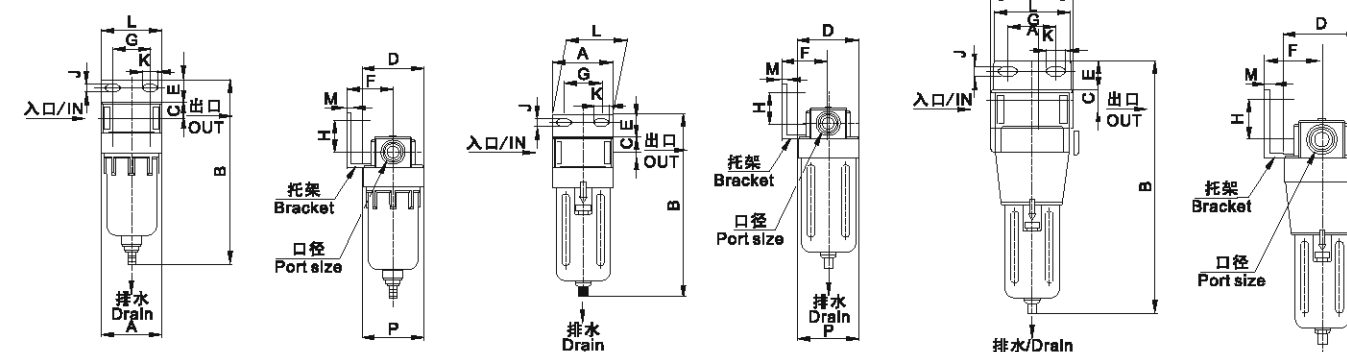
空白:标准型
N:金属杯
Blank:Standard
Type
N: Metal Cup



AL1000~5000系列/ Series

规格/Specification

型号 Model	口径 Port Size G	A	B	C	D	F	G	H	J	K	L	M	P
AL1000	M5	25	81.5	25.5	25	-	-	-	-	-	-	-	27
AL2000	1/8-1/4	40	122	38	40	30	27	22	5.4	8.4	40	2.3	40
AL3000	1/4-3/8	53	142	38	53	41	40	23	6.5	8	53	2.3	56
AL4000	3/8-1/2	70	177	41	70	50	54	26	8.5	10.5	70	2.3	73
AL4000-06	3/4	75	177	39	70	50	54	25	8.5	10.5	70	2.3	73
AL5000	3/4-1	90	254	45	90	66.5	66	35	11	13	90	3.2	90



型号 Model	AL1000-M5	AL2000-01	AL2000-02	AL3000-02	AL3000-03	AL4000-03	AL4000-04	AL4000-06	AL5000-08	AL5000-10
额定流量 Rated Flow	95	800	800	1700	1700	5000	5000	6300	7000	7000
接管口径 Joint Pipe Bore	M5	1/8	1/4	1/4	3/8	3/8	1/2	3/4	3/4	1
最高使用压力 Highest Working Pressure	1.0Mpa									
保证耐压力 Ensured Pressure Resistance	1.5Mpa									
使用温度范围 Operating Temperature Range	5~60°C									
容器材料 Container Material	聚碳酸酯/Polycarbonate									

AW过滤减压阀
AW FILTER®ULATOR



ISO9001:2000

订购码/Ordering Code

AW - 3000 - 03 - □

过滤调压阀
Filter&Regulator

M5:M5
01:1/8"
02:1/4"
03:3/8"
04:1/2"
06:3/4"
10:

排水方式
空白:差压排水
D:自动排水
Drain Type
Blank: Differential Drain
D: Automatic Drain



AW1000~5000系列/ Series

规格/Specification

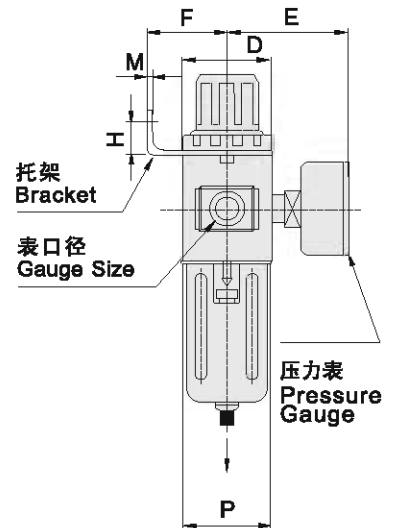
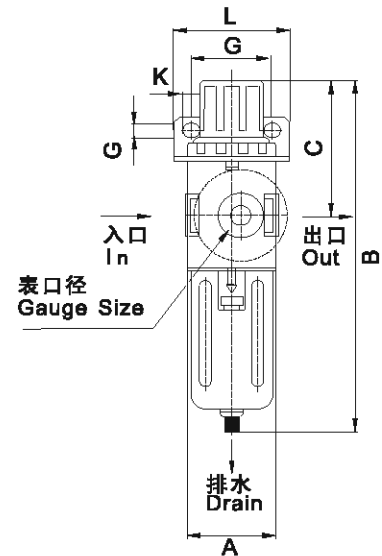
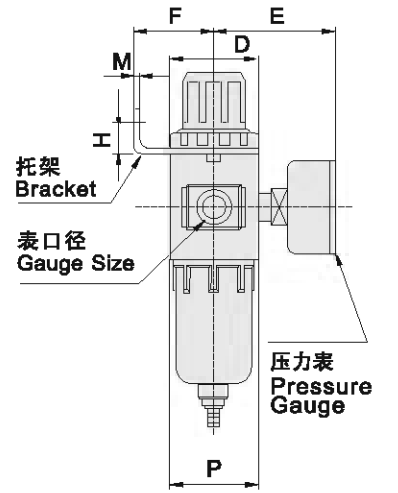
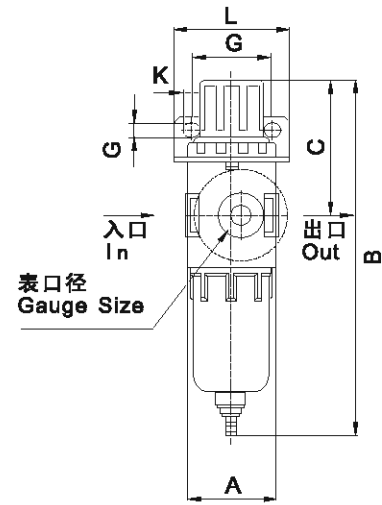
型号 Model	AW1000-M5	AW2000-01	AW2000-02	AW3000-02	AW3000-03	AW4000-03	AW4000-04	AW4000-06	AW5000-06	AW5000-10
额定流量 Rated Flow	100	550	550	2000	2000	4000	4000	4500	5500	5500
接管口径 Joint Pipe Bore	M5	1/8	1/4	1/4	3/8	3/8	1/2	3/4	3/4	1
过滤精度 Filter Precision	25 μm									
最高使用压力 Highest Working Pressure	1.0Mpa									
保证耐压力 Ensured Pressure Resistance	1.5Mpa									
使用温度范围 Operating Temperature Range	5~60℃									
调压范围 Range of Adjustable Pressure	0.05~0.7Mpa		0.05~0.85Mpa							
容器材料 Container Material	聚碳酸酯/Polycarbonate									
防护罩 Protective Cover	无/Not Available				有/ Available					
放水器功能 Drain Function	差压放水/Differential Drain				差压放水、自动放水/Differential Drain, Automatic Drain					
阀型/Valve Type	带溢流型/With Overflow									

型号 Model	规格/Specification				配件/Accessories		放水功能 Drain Function	自动排水型号 Auto Drain Model
	额定流量 Rated Flow (L/min)	接管口径 Port Size (G)	压力表口径 Pressure Gauge Size	重量 Weight (kg)	托架/Bracket (2)个	压力表 Pressure Gauge		
AW1000-M5	100	M5	G1/16	0.09	B120	G27-10-R1	手动排水 Manual Drain	
AW2000-01	550	G1/8"	G1/8	0.36	B220	G36-10-01		AW2000-01D
AW2000-02		G1/4"						AW2000-02D
AW3000-02		G1/4"						AW3000-02D
AW3000-03	2000	G3/8"	G1/8	0.56	B320			AW3000-03D
AW4000-03	4000	G3/8"	G1/4	1.15			A:停气排水 Air Shutor Drain	AW4000-03D
AW4000-04		G1/2"						AW4000-04D
AW4000-06		G3/4"						G1/4
AW5000-06	5500	G3/4"	G1/4	1.70			A:手动排水 Manual Drain	AW5000-06D
AW5000-10		G1"						AW5000-10D

AW过滤减压阀
AW FILTER®ULATOR



ISO9001:2000



型号 Model	口径 Port Size (G)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AW1000	M5	25	109.5	50.5	25	26	25	28	30	4.5	8.5	40	2	20.5	28
AW2000	1/8-1/4	40	164.5	78	40	56.8	30	34	43.5	5.4	15.4	55	2.3	33.5	40
AW3000	1/4-3/8	53	211	92.5	53	60.8	39	40	46	8.5	8	53	2.3	42.5	56
AW4000	3/8-1/2	70	262	112	70	70.5	49.2	54	53.5	8.5	10.5	70	2.3	52.5	73
AW4000-06	3/4	75	267	114	70	70.5	49.2	54	53.5	8.5	10.5	70	2.3	52.5	73
AW5000	3/4-1	90	338	116	90	75.5	49.2	54	62	8.5	10.5	70	2.3	52.5	90



•AF系列/AF Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
AF1500	AF1500D	1/8
AF2000	AF2000D	1/4



•BF系列/BF Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
BF2000	BF2000D	1/4
BF3000	BF3000D	3/8
BF4000	BF4000D	1/2



•AFR系列/AFR Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
AFR1500	AFR1500D	1/8
AFR2000	AFR2000D	1/4



•BL系列/BL Series

型号/Model	接口/Port
BL2000	1/4
BL3000	3/8
BL4000	1/2



•AFC系列/AFC Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
AFC1500	AFC1500D	1/8
AFC2000	AFC2000D	1/4



•BFR系列/BFR Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
BFR2000	BFR2000D	1/4
BFR3000	BFR3000D	3/8
BFR4000	BFR4000D	1/2



•AC系列/AC Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
AC1500	AC1500D	1/8
AC2000	AC2000D	1/4



•BFC系列/BFC Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
BFC2000	BFC2000D	1/4
BFC3000	BFC3000D	3/8
BFC4000	BFC4000D	1/2



•AR系列/AR Series

型号/Model	接口/Port
AR1500	1/8
AR2000	1/4

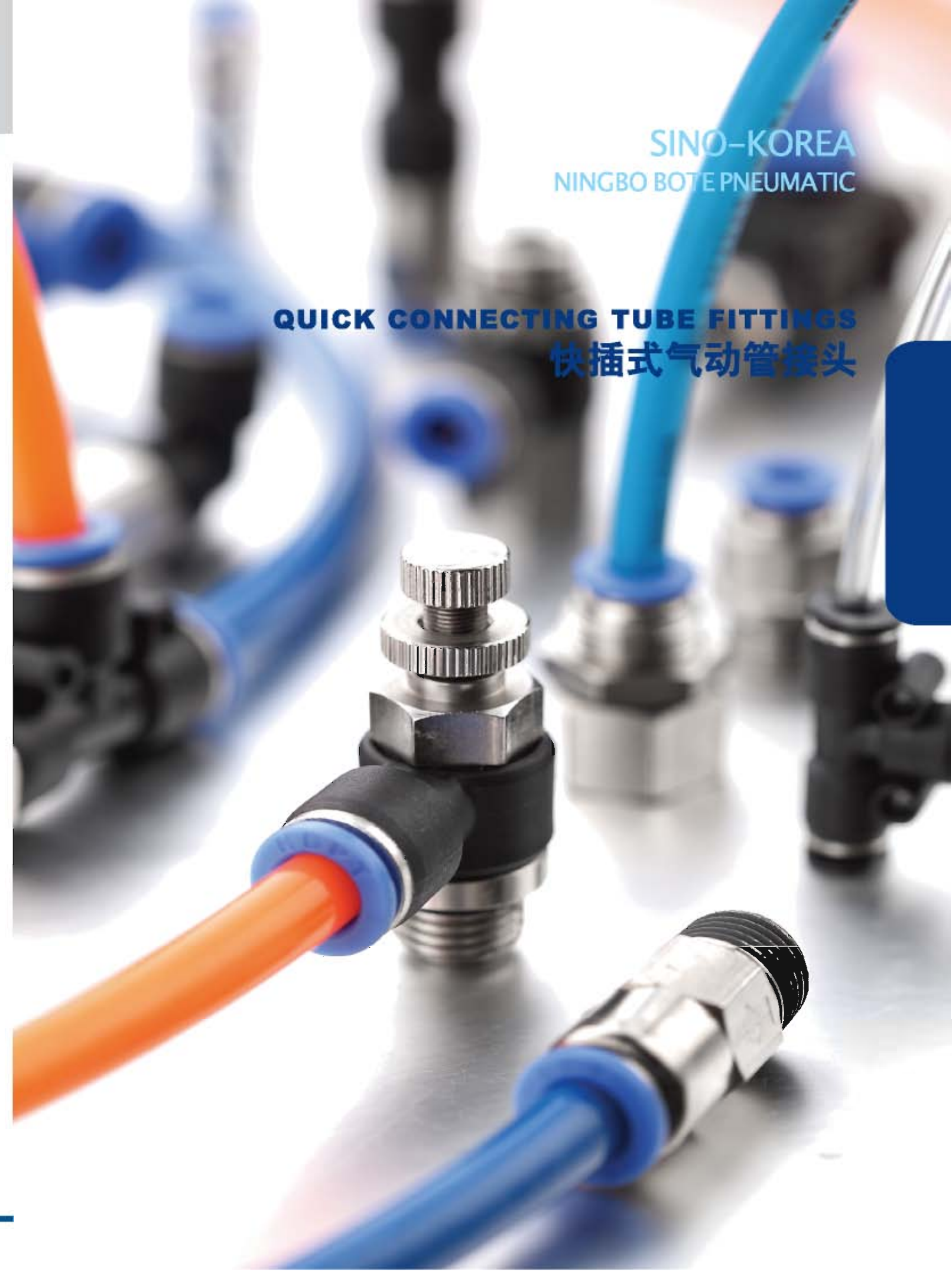


•BC系列/BC Series

型号 Model	自动排水型号 Auto Drain Model	接口 Port
BC2000	BC2000D	1/4
BC3000	BC3000D	3/8
BC4000	BC4000D	1/2

SINO-KOREA
NINGBO BOTE PNEUMATIC

QUICK CONNECTING TUBE FITTINGS
快插式气动管接头



■特点/FEATURES

快插式气动管接头用于气动管类系统

One-Touch tube fittings are used in pneumatics piping.

管接头具有各种各样的型号，可以满足你在气动管类系统中的所有需要

The tube fittings come in a wide variety of models to meet all your needs in pneumatics piping.

即使安装之后，管道的方向任然可以自由改变

Even after installation, the direction of the tube can be changed freely.

镀镍的铜体可以防腐蚀和污染

Nickel-Plated metal body ensures Anti-Corrosion and Anti-Contamination.

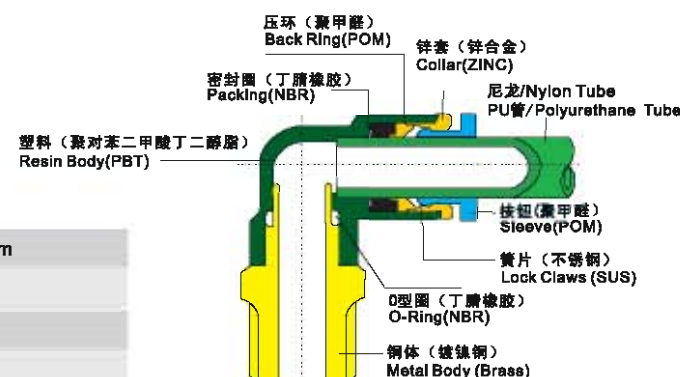
所有R跟NPT螺纹胶都起密封作用

All R and NPT threads are Pre-Coated sealant.

所有直螺纹都用标准的O型圈

All cylindrical threads are standard with O-Ring seals.

■结构图/STRUCTURE CHART



■技术参数/SPECIFICATIONS

使用流体/Fluid	空气，真空/Air, Vacuum
使用压力范围/Operating Pressure	0-1.0Mpa
负压/Negative Pressure	-100Kpa (10Torr)
耐压/Max Pressure	1.5Mpa
使用温度范围/Operating Temperature	5-60° C
使用软管/Applicable Tube	尼龙及PU/Nylon and Polyurethane

PC 8 - G01 *

① ② ③ ④

① 型号MODEL

② 气管直径TUBE OUTER DIA.

	公制管/Metric Size						英制管/Inch Size					
代号/ Code	4	6	8	10	12	16	5/32	3/16	1/4	5/16	3/8	1/2
气管外径/Tube outer diameter mm	φ4	φ6	φ8	φ10	φ12	φ16	φ5/32	φ3/16	φ1/4	φ5/16	φ3/8	φ1/2

③ 螺纹型式及尺寸/Thread Type And Size

	公制管/Metric Size									
代号/ Code	M5	M6	M8	M10	M12	M12A	M14	M16	M20	
气管外径/Tube outer diameter mm	M5*0.8	M6*1	M8*1	M10*1	M12*1.25	M12*1.5	M14*1.5	M16*1.5	M20*1.5	

	55° 锥管螺纹/55° Taper Pipe Thread				
代号/ Code	01	02	03	04	06
螺纹/Thread	R1/8	R1/4	R3/8	R1/2	R3/4

	55° 直管螺纹/55° G- Thread				
代号/ Code	G01	G02	G03	G04	G06
螺纹/Thread	G1/8	G1/4	G3/8	G1/2	G3/4

	统一锥牙螺纹/UNF 美制60° 锥管螺纹/American Standard taper pipe thread (NPT)					
代号/ Code	U10	N01	N02	N03	N04	N06
螺纹/Thread	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

④ 颜色: 空白:黑色 A:灰色/Body Color Blank:Black A:Gray

PC
Male Straight



PC-G
Male Straight



POC
Round Male Straight



POC-G
Round Male Straight



PL
Male Elbow



PL-G
Male Elbow



PT
Male Branch Tee



PT-G
Male Branch Tee



型号(φD-T) MODEL (φD-T)							
管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	
PC 04-M5	PC 06-04	PC 12-02	PC 5/32-UNF	PC 1/4-N2	PC 3/8-N4	PC 04-G01	PC 10-G01
PC 04-M6	PC 08-01	PC 12-03	PC 5/32-N1	PC 1/4-N3	PC 1/2-N1	PC 04-G02	PC 10-G02
PC 04-01	PC 08-02	PC 12-04	PC 5/32-N2	PC 1/4-N4	PC 1/2-N2	PC 04-G03	PC 10-G03
PC 04-02	PC 08-03	PC 14-01	PC 5/32-N3	PC 5/16-N1	PC 1/2-N3	PC 06-G01	PC 10-G04
PC 04-03	PC 08-04	PC 14-02	PC 3/16-UNF	PC 5/16-N2	PC 1/2-N4	PC 06-G02	PC 12-G02
PC 06-M5	PC 10-01	PC 14-03	PC 3/16-N1	PC 5/16-N3		PC 08-G03	PC 12-G03
PC 06-M6	PC 10-02	PC 14-04	PC 3/16-N2	PC 5/16-N4		PC 08-G01	PC 12-G04
PC 06-01	PC 10-03	PC 16-01	PC 3/16-N3	PC 3/8-N1		PC 08-G02	PC 14-G02
PC 06-02	PC 10-04	PC 16-02	PC 1/4-UNF	PC 3/8-N2		PC 08-G03	PC 16-G03
PC 06-03	PC 12-01	PC 16-03	PC 1/4-N1	PC 3/8-N3		PC 08-G04	PC 16-G04

型号(φD-T) MODEL (φD-T)							
管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	
POC 04-M5	POC 06-04	POC 12-02	POC 5/32-UNF	POC 5/16-N2		POC 04-G01	POC 10-G01
POC 04-M6	POC 08-01	POC 12-03	POC 5/32-N1	POC 5/16-N3		POC 04-G02	POC 10-G02
POC 04-01	POC 08-02	POC 12-04	POC 5/32-N2	POC 3/8-N1		POC 04-G03	POC 10-G03
POC 04-02	POC 08-03	POC 14-01	POC 3/16-UNF	POC 3/8-N2		POC 06-G01	POC 10-G04
POC 04-03	POC 08-04	POC 14-02	POC 3/16-N1	POC 3/8-N3		POC 06-G02	POC 12-G02
POC 06-M5	POC 10-01	POC 14-03	POC 3/16-N2	POC 3/8-N4		POC 08-G03	POC 12-G03
POC 06-M6	POC 10-02	POC 14-04	POC 1/4-UNF	POC 1/2-N2		POC 08-G01	POC 12-G04
POC 06-01	POC 10-03	POC 16-01	POC 1/4-N1	POC 1/2-N3		POC 08-G02	POC 14-G02
POC 06-02	POC 10-04	POC 16-03	POC 1/4-N2	POC 1/2-N4		POC 08-G03	POC 16-G03
POC 06-03	POC 12-01	POC 16-04	POC 5/16-UNF			POC 08-G04	POC 16-G04

型号(φD-T) MODEL (φD-T)							
管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	
PL 04-M5	PL 06-04	PL 12-02	PL 5/32-UNF	PL 1/4-N3	PL 1/2-N3	PL 04-G01	PL 10-G01
PL 04-M6	PL 08-01	PL 12-03	PL 5/32-N1	PL 5/16-N1	PL 1/2-N4	PL 04-G02	PL 10-G02
PL 04-01	PL 08-02	PL 12-04	PL 5/32-N2	PL 5/16-N2		PL 04-G03	PL 10-G03
PL 04-02	PL 08-03	PL 14-01	PL 3/16-UNF	PL 5/16-N3		PL 06-G01	PL 10-G04
PL 04-03	PL 08-04	PL 14-02	PL 3/16-N1	PL 5/16-N4		PL 06-G02	PL 12-G02
PL 06-M5	PL 10-01	PL 14-03	PL 3/16-N2	PL 3/8-N1		PL 06-G03	PL 12-G03
PL 06-M6	PL 10-02	PL 14-04	PL 3/16-N3	PL 3/8-N2		PL 08-G01	PL 12-G04
PL 06-01	PL 10-03	PL 16-01	PL 1/4-UNF	PL 3/8-N3		PL 08-G02	PL 14-G03
PL 06-02	PL 10-04	PL 16-02	PL 1/4-N1	PL 3/8-N4		PL 08-G03	PL 16-G03
PL 06-03	PL 12-01	PL 16-03	PL 1/4-N2	PL 1/2-N2		PL 08-G04	PL 16-G04

型号(φD-T) MODEL (φD-T)							
管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	
PT 04-M5	PT 06-04	PT 12-02	PT 5/32-UNF	PT 1/4-N3	PT 1/2-N3	PT 04-G01	PT 10-G01
PT 04-M6	PT 08-01	PT 12-03	PT 5/32-N1	PT 5/16-N1	PT 1/2-N4	PT 04-G02	PT 10-G02
PT 04-01	PT 08-02	PT 12-04	PT 5/32-N2	PT 5/16-N2		PT 04-G03	PT 10-G03
PT 04-02	PT 08-03	PT 14-01	PT 3/16-UNF	PT 5/16-N3		PT 06-G01	PT 10-G04
PT 04-03	PT 08-04	PT 14-02	PT 3/16-N1	PT 5/16-N4		PT 06-G02	PT 12-G02
PT 06-M5	PT 10-01	PT 14-03	PT 3/16-N2	PT 3/8-N1		PT 06-G03	PT 12-G03
PT 06-M6	PT 10-02	PT 14-04	PT 3/16-N3	PT 3/8-N2		PT 08-G01	PT 12-G04
PT 06-01	PT 10-03	PT 16-01	PT 1/4-UNF	PT 3/8-N3		PT 08-G02	PT 14-G01
PT 06-02	PT 10-04	PT 16-03	PT 1/4-N1	PT 3/8-N4		PT 08-G03	PT 16-G03
PT 06-03	PT 12-01	PT 16-04	PT 1/4-N2	PT 1/2-N2		PT 08-G04	PT 16-G04



型号(φD-T) MODEL (φD-T)		管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PST 04-M5	PST 08-04	PST 12-02	PST 5/32-UNF	PST 1/4-N3	PST 1/2-N3	PST 04-G01	PST 10-G01
PST 04-M6	PST 08-01	PST 12-03	PST 5/32-N1	PST 5/16-N1	PST 1/2-N4	PST 04-G02	PST 10-G02
PST 04-01	PST 08-02	PST 12-04	PST 5/32-N2	PST 5/16-N2		PST 04-G03	PST 10-G03
PST 04-02	PST 08-03	PST 14-01	PST 3/16-UNF	PST 5/16-N3		PST 06-G01	PST 10-G04
PST 04-03	PST 08-04	PST 14-02	PST 3/16-N1	PST 5/16-N4		PST 06-G02	PST 12-G02
PST 06-M5	PST 10-01	PST 14-03	PST 3/16-N2	PST 3/8-N1		PST 06-G03	PST 12-G03
PST 06-M6	PST 10-02	PST 14-04	PST 3/16-N3	PST 3/8-N2		PST 08-G01	PST 12-G04
PST 06-01	PST 10-03	PST 16-01	PST 1/4-UNF	PST 3/8-N3		PST 08-G02	PST 14-G01
PST 06-02	PST 10-04	PST 16-02	PST 1/4-N1	PST 3/8-N4		PST 08-G03	PST 14-G02
PST 06-03	PST 12-01	PST 16-03	PST 1/4-N2	PST 1/2-N2		PST 08-G04	PST 14-G03



型号(φD-T) MODEL (φD-T)		管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PWT 04-M5	PWT 08-04	PWT 12-02	PWT 5/32-UNF	PWT 1/4-N3	PWT 1/2-N3	PWT 04-G01	PWT 10-G01
PWT 04-M6	PWT 08-01	PWT 12-03	PWT 5/32-N1	PWT 5/16-N1	PWT 1/2-N4	PWT 04-G02	PWT 10-G02
PWT 04-01	PWT 08-02	PWT 12-04	PWT 5/32-N2	PWT 5/16-N2		PWT 04-G03	PWT 10-G03
PWT 04-02	PWT 08-03	PWT 14-01	PWT 3/16-UNF	PWT 5/16-N3		PWT 06-G01	PWT 10-G04
PWT 04-03	PWT 08-04	PWT 14-02	PWT 3/16-N1	PWT 5/16-N4		PWT 06-G02	PWT 12-G02
PWT 06-M5	PWT 10-01	PWT 14-03	PWT 3/16-N2	PWT 3/8-N1		PWT 06-G03	PWT 12-G03
PWT 06-M6	PWT 10-02	PWT 14-04	PWT 3/16-N3	PWT 3/8-N2		PWT 08-G01	PWT 12-G04
PWT 06-01	PWT 10-03	PWT 16-01	PWT 1/4-UNF	PWT 3/8-N3		PWT 08-G02	PWT 14-G01
PWT 06-02	PWT 10-04	PWT 16-02	PWT 1/4-N1	PWT 3/8-N4		PWT 08-G03	PWT 16-G03
PWT 06-03	PWT 12-01	PWT 16-03	PWT 1/4-N2	PWT 1/2-N2		PWT 08-G04	PWT 16-G04



型号(φD-T) MODEL (φD-T)		管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PLL 04-M5	PLL 08-04	PLL 12-02	PLL 5/32-UNF	PLL 1/4-N3		PLL 04-G01	PLL 10-G01
PLL 04-M6	PLL 08-01	PLL 12-03	PLL 5/32-N1	PLL 5/16-N1		PLL 04-G02	PLL 10-G02
PLL 04-01	PLL 08-02	PLL 12-04	PLL 5/32-N2	PLL 5/16-N2		PLL 04-G03	PLL 10-G03
PLL 04-02	PLL 08-03	PLL 14-01	PLL 3/16-UNF	PLL 5/16-N3		PLL 06-G01	PLL 10-G04
PLL 04-03	PLL 08-04	PLL 14-02	PLL 3/16-N1	PLL 3/8-N2		PLL 06-G02	PLL 12-G02
PLL 06-M5	PLL 10-01	PLL 14-03	PLL 3/16-N2	PLL 3/8-N3		PLL 06-G03	PLL 12-G03
PLL 06-M6	PLL 10-02	PLL 14-04	PLL 3/16-N3	PLL 3/8-N4		PLL 08-G01	PLL 12-G04
PLL 06-01	PLL 10-03	PLL 16-01	PLL 1/4-UNF	PLL 1/2-N2		PLL 08-G02	PLL 14-G01
PLL 06-02	PLL 10-04	PLL 16-02	PLL 1/4-N1	PLL 1/2-N3		PLL 08-G03	PLL 14-G02
PLL 06-03	PLL 12-01	PLL 16-03	PLL 1/4-N2	PLL 1/2-N4		PLL 08-G04	PLL 14-G03



型号(φD-T) MODEL (φD-T)		管(公制)-螺纹(R) Tube(Metric)-Thread(R)		管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)		管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PLF 04-M5	PLF 08-01	PLF 12-04	PLF 5/32-UNF	PLF 5/16-N1		PLL 04-G01	PLL 10-G01
PLF 04-M6	PLF 08-02	PLF 14-01	PLF 5/32-N1	PLF 5/16-N2		PLL 04-G02	PLL 10-G02
PLF 04-01	PLF 08-03	PLF 14-02	PLF 5/32-N2	PLF 5/16-N3		PLL 04-G03	PLL 10-G03
PLF 04-02	PLF 08-04	PLF 14-03	PLF 3/16-UNF	PLF 3/8-N2		PLL 06-G01	PLL 10-G04
PLF 06-M5	PLF 10-01	PLF 14-04	PLF 3/16-N1	PLF 3/8-N3		PLL 06-G02	PLL 12-G02
PLF 06-M6	PLF 10-02	PLF 14-05	PLF 3/16-N2	PLF 3/8-N4		PLL 06-G03	PLL 12-G03
PLF 06-01	PLF 10-03	PLF 16-01	PLF 1/4-UNF	PLF 1/2-N2		PLL 08-G01	PLL 12-G04
PLF 06-02	PLF 10-04	PLF 16-02	PLF 1/4-N1	PLF 1/2-N3		PLL 08-G02	PLL 14-G01
PLF 06-03	PLF 12-02	PLF 16-03	PLF 1/4-N2	PLF 1/2-N4		PLL 08-G03	PLL 14-G02
PLF 06-04	PLF 12-03	PLF 16-04	PLF 1/4-N3			PLL 08-G04	PLL 14-G03



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PUC 04	PUC5/32		
PUC 06	PUC3/16		
PUC 08	PUC1/4		
PUC 10	PUC5/16		
PUC 12	PUC3/8		
PUC 14	PUC1/2		
PUC 16			



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PUT 04	PUT5/32		
PUT 06	PUT3/16		
PUT 08	PUT1/4		
PUT 10	PUT5/16		
PUT 12	PUT3/8		
PUT 14	PUT1/2		
PUT 16			



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PG 0604	PG3/16-5/32		
PG 0804	PG1/4-5/32		
PG 0806	PG1/4-3/16		
PG 1006	PG5/16-5/32		
PG 1008	PG5/16-1/4		
PG 1208	PG3/8-1/4		
PG 1210	PG3/8-5/16		
PG 1412	PG1/2-3/8		
PG 1612			
PG 1614			



型号MODEL(φD-φD2)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PGT 0604	PGT1/4-5/32		
PGT 0806	PGT5/16-1/4		
PGT 1006	PGT3/8-1/4		
PGT 1008	PGT3/8-5/16		
PGT 1208	PGT1/2-3/8		
PGT 1210			
PGT 1610			
PGT 1412			
PGT 1612			
PGT 1614			



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PPF 04	PPF5/32		
PPF 06	PPF3/16		
PPF 08	PPF1/4		
PPF 10	PPF5/16		
PPF 12	PPF3/8		
PPF 16	PPF1/2		



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PUL 04	PUL5/32		
PUL 06	PUL3/16		
PUL 08	PUL1/4		
PUL 10	PUL5/16		
PUL 12	PUL3/8		
PUL 14	PUL1/2		
PUL 16			



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PY 04	PY5/32		
PY 06	PY3/16		
PY 08	PY1/4		
PY 10	PY5/16		
PY 12	PY3/8		
PY 14	PY1/2		



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PW 0604	PW3/16-5/32		
PW 0804	PW1/4-5/32		
PW 0806	PW1/4-3/16		
PW 1006	PW5/16-5/32		
PW 1008	PW5/16-1/4		
PW 1208	PW3/8-1/4		
PW 1210	PW3/8-5/16		
PW 1412	PW1/2-5/16		
PW 1614	PW1/2-3/8		



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PZA 04	PZA5/32		
PZA 06	PZA3/16		
PZA 08	PZA1/4		
PZA 10	PZA5/16		
PZA 12	PZA3/8		
PZA 16	PZA1/2		



型号MODEL(φD)		管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PP 04	PP5/32		
PP 06	PP3/16		
PP 08	PP1/4		
PP 10	PP5/16		
PP 12	PP3/8		
PP 16	PP1/2		



型号(φD-T)		MODEL(φD-T)	
管(公制)-螺纹(R) Tube(Metric)-Thread(R)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PCF 04-M5	PCF 08-01	PCF 12-03	PCF 5/32-N1
PCF 04-01	PCF 08-02	PCF 12-04	PCF 5/32-N2
PCF 04-02	PCF 08-03	PCF 14-02	PCF 3/16-N1
PCF 04-03	PCF 08-04	PCF 14-03	PCF 3/16-N2
PCF 06-M5	PCF 10-01	PCF 14-04	PCF 1/4-N1
PCF 06-01	PCF 10-02	PCF 16-02	PCF 1/4-N2
PCF 06-02	PCF 10-03	PCF 16-03	PCF 1/4-N3
PCF 06-03	PCF 10-04	PCF 16-04	PCF 5/16-N1
PCF 06-04	PCF 12-02		PCF 5/16-N2
			PCF 08-G01
			PCF 08-G02
			PCF 08-G03
			PCF 10-G01
			PCF 10-G02
			PCF 10-G03
			PCF 10-G04
			PCF 12-G02
			PCF 12-G03
			PCF 12-G04
			PCF 08-G03



型号(φD-T)		MODEL(φD-T)	
管(公制)-螺纹(Rc) Tube(Metric)-Thread(Rc)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PMF 04-01	PMF 08-04	PMF 5/32-N1	PMF 3/8-N3
PMF 04-02	PMF 10-01	PMF 3/16-N1	PMF 1/2-N2
PMF 04-03	PMF 10-02	PMF 3/16-N2	PMF 1/2-N3
PMF 06-01	PMF 10-03	PMF 1/4-N1	PMF 1/2-N4
PMF 06-02	PMF 10-04	PMF 1/4-N2	
PMF 06-03	PMF 12-02	PMF 5/16-N1	
PMF 08-01	PMF 12-03	PMF 5/16-N2	
PMF 08-02	PMF 12-04	PMF 5/16-N3	
PMF 08-03		PMF 3/8-N2	
			PMF 04-G1
			PMF 04-G2
			PMF 04-G3
			PMF 06-G1
			PMF 06-G2
			PMF 06-G3
			PMF 08-G1
			PMF 08-G2
			PMF 08-G3



型号(φD1-φD2)	MODEL(φD1-φD2)
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PMM 04	PMM 5/32
PMM 06	PMM 3/16
PMM 08	PMM 1/4
PMM 10	PMM 5/16
PMM 12	PMM 3/8
	PMM 1/2

型号MODEL(φD)	
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PLM 04	PLM 5/32
PLM 06	PLM 3/16
PLM 08	PLM 1/4
PLM 10	PLM 5/16
PLM 12	PLM 3/8
	PLM 1/2



型号(φD1-φD2)	MODEL(φD1-φD2)
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PLJ 04	PLJ5/32
PLJ 06	PLJ3/16
PLJ 08	PLJ1/4
PLJ 10	PLJ5/16
PLJ 12	PLJ3/8
PLJ 16	PLJ1/2
PLJ 0604	PLJ1/4-5/32
PLJ 0806	PLJ5/16-1/4
PLJ 1008	PLJ3/8-1/4
PLJ 1210	PLJ3/8-5/16

型号MODEL(φD)	
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PGJ 0804	PGJ1/8-1/4
PGJ 0804	PGJ5/32-1/8
PGJ 0806	PGJ5/32-1/4
PGJ 1006	PGJ1/4-1/8
PGJ 1008	PGJ1/4-5/32
PGJ 1206	PGJ5/16-5/32
PGJ 1208	PGJ5/16-1/4
PGJ 1210	PGJ3/8-1/4
	PGJ3/8-5/16
	PGJ1/2-1/4
	PGJ1/2-5/16
	PGJ1/2-3/8



型号(φD-T)		MODEL(φD-T)	
管(公制)-螺纹(R) Tube(Metric)-Thread(R)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PH 04-M5	PH 08-02	PH 1/8-UNF	PH 1/4-N3
PH 04-M6	PH 08-03	PH 5/32-U	PH 5/16-N1
PH 04-01	PH 08-04	PH 5/32-N1	PH 5/16-N2
PH 04-02	PH 10-01	PH 5/32-N2	PH 5/16-N3
PH 06-M5	PH 10-02	PH 3/16-UNF	PH 5/16-N4
PH 06-M6	PH 10-03	PH 3/16-N1	PH 3/8-N2
PH 06-01	PH 10-04	PH 3/16-N2	PH 3/8-N3
PH 06-02	PH 12-02	PH 3/16-N3	PH 3/8-N4
PH 06-03	PH 12-03	PH 1/4-UNF	PH 1/2-N3
PH 06-04	PH 12-04	PH 1/4-N1	PH 1/2-N4
PH 08-01		PH 1/4-N2	
			PH 04-G01
			PH 04-G02
			PH 06-G01
			PH 06-G02
			PH 06-G03
			PH 08-G01
			PH 08-G02
			PH 08-G03
			PH 08-G04
			PH 10-G02
			PH 10-G03



型号(φD-T)		MODEL(φD-T)	
管(公制)-螺纹(R) Tube(Metric)-Thread(R)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	管(公制)-螺纹(G) Tube(Metric)-Thread(G)	
PHF 04-M5	PHF 08-02	PHF 1/8-UNF	PHF 5/16-N1
PHF 04-M6	PHF 08-03	PHF 5/32-UNF	PHF 5/16-N2
PHF 04-01	PHF 08-04	PHF 5/32-N1	PHF 5/16-N3
PHF 04-02	PHF 10-01	PHF 3/16-UNF	PHF 5/16-N4
PHF 06-M5	PHF 10-02	PHF 3/16-N1	PHF 3/8-N2
PHF 06-M6	PHF 10-03	PHF 3/16-N2	PHF 3/8-N3
PHF 06-01	PHF 10-04	PHF 3/16-N3	PHF 3/8-N4
PHF 06-02	PHF 12-02	PHF 1/4-UNF	PHF 1/2-N3
PHF 06-03	PHF 12-03	PHF 1/4-N1	PHF 1/2-N4
PHF 06-04	PHF 12-04	PHF 1/4-N2	
PHF 08-01		PHF 1/4-N3	
			PHF 04-G1
			PHF 04-G2
			PHF 04-G3
			PHF 06-G1
			PHF 06-G2
			PHF 06-G3
			PHF 06-G4
			PHF 08-G1
			PHF 08-G2
			PHF 08-G3



型号(φD-T)	MODEL(φD-T)
管(公制)-螺纹(R) Tube(Metric)-Thread(R)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)
PKD 0604-01	PKD 3/16-5/32-N1
PKD 0804-01	PKD 1/4-5/32-N1
PKD 0804-02	PKD5/16-5/32-N2
PKD 0806-01	PKD 5/16-3/16-N2
PKD 0806-02	PKD 5/16-1/4-N2
PKD 1006-02	PKD 3/8-1/4-N3
PKD 1006-03	PKD 3/8-5/16-N3
PKD 1008-02	
PKD 1008-03	
	PKD 0604-G01
	PKD 0804-G01
	PKD 0804-G02
	PKD 0806-G01
	PKD 0806-G02
	PKD 1006-G02
	PKD 1006-G03
	PKD 1008-G02
	PKD 1008-G03



型号(φD1-φD2)	MODEL(φD1-φD2)
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PKG 0804	PKG 3/16-5/32
PKG 0804	PKG 1/4-5-32
PKG 0806	PKG 5/16-5-32
PKG 1006	PKG 5/16-3/16
PKG 1008	PKG 5/16-1/4
	PKG 3/8-1/4
	PKG 3/8-5/16

型号(φD1-φD2)	MODEL(φD1-φD2)
管(公制) Tube(Metric)	管(英寸) Tube(Inch)
PKJ 0804	PKJ 3/16-5/32
PKJ 0804	PKJ 1/4-5-32
PKJ 0806	PKJ 5/16-5-32
PKJ 1006	PKJ 5/16-3/16
PKJ 1008	PKJ 5/16-1/4
	PKJ 3/8-1/4
	PKJ 3/8-5/16

ISO9001:2000

ISO9001:2000

PYJ
Plug-In Y



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
PYJ 04	PYJ 5/32	
PYJ 06	PYJ 3/16	
PYJ 08	PYJ 1/4	
PYJ 10	PYJ 5/16	
PYJ 12	PYJ 3/8	
	PYJ 1/2	

PWJ
Plug-In Y



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
PWJ 0604	PWJ 1/4-5/32	
PWJ 0806	PWJ 5/16-1/4	
PWJ 1008	PWJ 3/8-1/4	
PWJ 1210	PWJ 3/8-5/16	

PIJ
Tube-Splicer



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
PIJ 04	PIJ 5/32	
PIJ 06	PIJ 3/16	
PIJ 08	PIJ 1/4	
PIJ 10	PIJ 5/16	
PIJ 12	PIJ 3/8	
PIJ 16	PIJ 1/2	

PIG
Tube-Splicer



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
PIG 0604		
PIG 0806		
PIG 1006		
PIG 1008		
PIG 1208		
PIG 1210		
PIG 1612		

PA
Branch A



型号 φD MODEL φD		
管(公制)-螺纹(NPT)管(英寸)-螺纹(G) Tube(Metric)-Thread(RC)Tube(Inch)-Thread(G)	管(公制)-螺纹(NPT)管(英寸)-螺纹(G) Tube(Metric)-Thread(RC)Tube(Inch)-Thread(G)	
PA 04-M5	PA 06-G01	
PA 06-01	PA 08-G02	
PA 08-02	PA 10-G02	
PA 10-02	PA 10-G03	
PA 10-03	PA 12-G03	
PA 10-03	PA 12-G04	
PA 12-04		

PC-P



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
PC 4-P		
PC 6-P		
PC 8-P		
PC 10-P		
PC 12-P		

PAF
Female Branch A



型号 φD MODEL φD		
管(公制)-螺纹(NPT)管(英寸)-螺纹(G) Tube(Metric)-Thread(RC)Tube(Inch)-Thread(G)	管(公制)-螺纹(NPT)管(英寸)-螺纹(G) Tube(Metric)-Thread(RC)Tube(Inch)-Thread(G)	
PAF 04-M5	PAF 06-G01	
PAF 06-01	PAF 08-G02	
PAF 08-02	PAF 10-G02	
PAF 10-02	PAF 10-G03	
PAF 10-03	PAF 12-G03	
PAF 12-03	PAF 12-G04	
PAF 12-04		

PAF-G
Female Branch A



特点/FEATURES

节流阀可控制空气装置的工作速度以及气压信号的传输
Accurate regulation of an optimal airflow rate of for precise motion control

该压缩设计可提供跟大功率设计一样的速度范围的变化
The compact design provides the comparable range of speed as the larger ones do.

限入型与限出型适合于各种型号
Control-out and control-in types are available for all models.

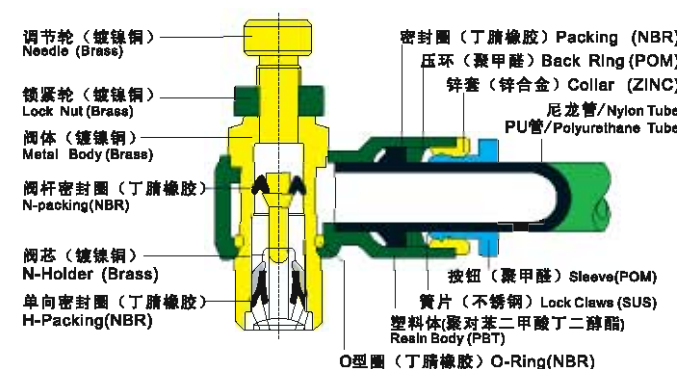
所有R跟NPT螺纹胶都起密封作用
All R and NPT threads are pre-coated sealant.

所有直螺纹都用标准的O型圈
All cylindrical threads are standard with O-Ring seals.

技术参数/SPECIFICATIONS

使用流体/Fluid	空气(无其他气体和液体) Air(No other gases or liquids)	
使用压力范围 Operating Pressure	0-150PSI	0~9.9Kgf/cm ² (0~990kpa)
负压 Negative Pressure	7.5PSI	0.5Kgf/cm ² (50kpa)
使用温度范围 Operating Temperature	32~140°F	0~60°C
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon	

结构图/STRUCTURE CHART



控制方式/CONTROL WAY

型号/Type	正装/Control out	反装/Control in
符号 Symbol		
	例: SC06-01	例: SC06-01B

当你要定反装的节流阀时,请在型号后面加上B,
比如: SC06-01B.
When you order control in type, please put B at the end of
model type. For example, SC06-01B.

SC
Elbow



SC-G
Elbow



管(公制)-螺纹(R) Tube(Metric)-Thread(R)	管(英寸)-螺纹(NPT) Tube(Inch)-Thread(NPT)	管(公制)-螺纹(G) Tube(Metric)-Thread(G)
SC 04-M5	SC 08-04	SC 1/8-UNF
SC 04-01	SC 10-01	SC 5/32-UNF
SC 04-02	SC 10-02	SC 5/32-N1
SC 08-M5	SC 10-03	SC 5/32-N2
SC 08-01	SC 10-04	SC 3/16-UNF
SC 08-02	SC 12-02	SC 3/16-N1
SC 08-03	SC 12-03	SC 3/16-N2
SC 08-04	SC 12-04	SC 3/16-N3
SC 08-01	SC 4-M6	SC 1/4-UNF
SC 08-02	SC 6-M6	SC 1/4-N1
SC 08-03		SC 1/4-N2

SCF
Union Straight



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
SCF04	SCF 5/32	
SCF06	SCF 3/16	
SCF08	SCF 1/4	
SCF10	SCF 5/16	
SCF12	SCF 3/8	

SCJ
Union Straight



型号 φD MODEL φD		
管(公制) Tube(Metric)	管(英寸) Tube(Inch)	
NSCJ04	NSCJ06-04	
NSCJ06	NSCJ08-06	
NSCJ08	NSCJ10-08	
NSCJ10		

■ 特点/FEATURES

超小型产品 (COMPACT), 比普通型号体积小40%,
外型尺寸小20%, 是小型化的ONE-TOUCH FITTING.

由于表面有镀铬处理, 所以耐腐蚀性突出。

■ 技术参数/SPECIFICATIONS

使用流体/Fluid	空气 (无其他气体和液体) Air (No other gases or liquids)	
使用压力范围 Operating Pressure	0-150PSI	0~9.9Kgf/cm ² (0~990kpa)
负压 Negative Pressure	-29.5in Hg	-750mmHg (-750Torr)
使用温度范围 Operating Temperature	32~140°F	0~60°C
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon	

公制-锥螺纹/METRIC-BSPT (R)

PC 06 - 01 C

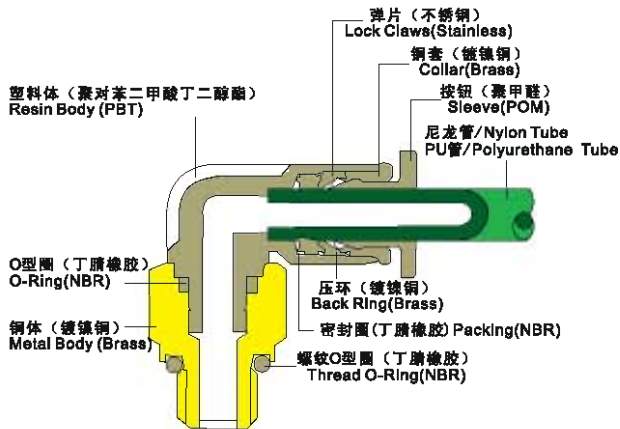
超小型接头
Compact
one touch
fitting

规格/Code	尺寸/Size
03	φ3
04	φ4
06	φ6

规格/Code	尺寸/Size
M3	M3x0.5
M5	M5x0.8
M6	M6x1.0
锥螺纹/R (PT) Thread	
01	R1/8

超小型
Compact
Nickel

■ 结构图/STRUCTURE CHART



PCF-C
Female Straight



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
PCF 03-M3C	PCF 04-01C
PCF 03-M5C	PCF 06-M5C
PCF 03-M6C	PCF 06-M6C
PCF 04-M3C	PCF 06-01C
PCF 04-M5C	
PCF 04-M6C	

POC-C
Round Male Elbow



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
POC 03-M3C	POC 04-01C
POC 03-M5C	POC 06-M5C
POC 03-M6C	POC 06-M6C
POC 04-M3C	POC 06-01C
POC 04-M5C	
POC 04-M6C	

PUC-C
Union Straight



型号 φD	MODEL φD
管 (公制) Tube (Metric)	
	PUC 03C
	PUC 04C
	PUC 06C

PUL-C
Union Elbow



型号 φD	MODEL φD
管 (公制) Tube (Metric)	
	PUL 03C
	PUL 04C
	PUL 06C

PUT-C
Union Tee



型号 φD	MODEL φD
管 (公制) Tube (Metric)	
	PUT 03C
	PUT 04C
	PUT 06C

PG-C
Reducer



型号 (φD-φD2)	MODEL (φD-φD2)
管 (公制) Tube (Metric)	
	PG 04-03C
	PG 06-03C
	PG 06-04C

PC-C
Male Straight



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
PC 03-M3C	PC 04-M6C
PC 03-M5C	PC 04-01C
PC 03-M6C	PC 06-M5C
PC 03-01C	PC 06-M6C
PC 04-M3C	PC 06-01C
PC 04-M5C	

PL-C
Male Straight



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
PL 03-M3C	PL 04-01C
PL 03-M5C	PL 06-M5C
PL 03-M6C	PL 06-M6C
PL 04-M3C	PL 06-01C
PL 04-M5C	
PL 04-M6C	

PT-C
Male Branch Tee



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
PT 03-M3C	PT 04-01C
PT 03-M5C	PT 06-M5C
PT 03-M6C	PT 06-M6C
PT 04-M3C	PT 06-01C
PT 04-M5C	
PT 04-M6C	

PST-C
Male Run Tee



型号 (φD-T)	MODEL (φD-T)
管 (公制) - 螺纹 (R, 公制) Tube (Metric) - Thread (R)	
PST 03-M3C	PST 04-01C
PST 03-M5C	PST 06-M5C
PST 03-M6C	PST 06-M6C
PST 04-M3C	PST 06-01C
PST 04-M5C	
PST 04-M6C	

PY-C
Union Y



型号 φD	MODEL φD
管 (公制) Tube (Metric)	
	PY 03C
	PY 04C
	PY 06C

PW-C
Reducer Y



型号 (φD-φD2)	MODEL (φD-φD2)
管 (公制) Tube (Metric)	
	PW 04-03C
	PW 06-03C
	PW 06-04C

PGJ-C
Plug-Reducer



型号 (φD-φD2)	MODEL (φD-φD2)
管 (公制) Tube (Metric)	
	PGJ 04-03C
	PGJ 06-03C
	PGJ 06-04C

PMM-C
Bulkhead Union



型号 φD	MODEL φD
管 (公制) Tube (Metric)	
	PMM 03C
	PMM 04C
	PMM 06C

单向阀 STOP FITTINGS

ISO9001:2000

■作用/APPLICATIONS

用在气动管经常更换的地方
Used in the place where pneumatic piping frequently changes.

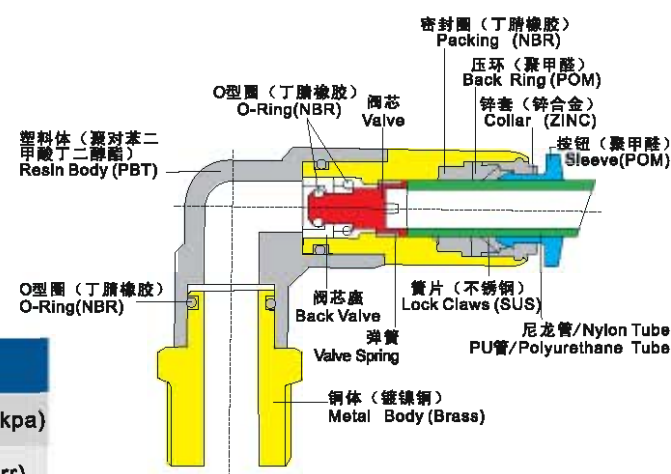
■特点/FEATURES

当管子断开连接时，气体是完全被阻拦住的，只有当重新连接上并且确保安全后，气体才能流通。
Air is completely blocked when the tube is released and the air flows again only after connection to ensure safety. The air flows only when the tube is connected.

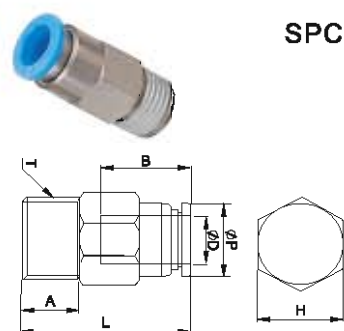
■技术参数/SPECIFICATIONS

使用流体/Fluid	空气（无其他气体和液体） Air(No other gases or liquids)	
使用压力范围 Operating Pressure	0-150PSI	0~9.9Kgf/cm ² (0~990kpa)
负压 Negative Pressure	-29.5in Hg	-750mmHg(-750Torr)
使用温度范围 Operating Temperature	32~140°F	0~60°C
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon	

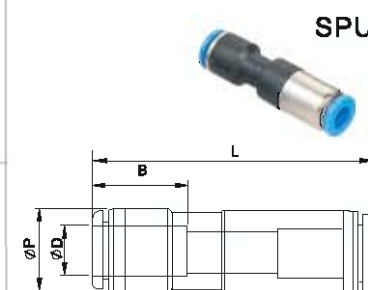
■结构图/STRUCTURE CHART



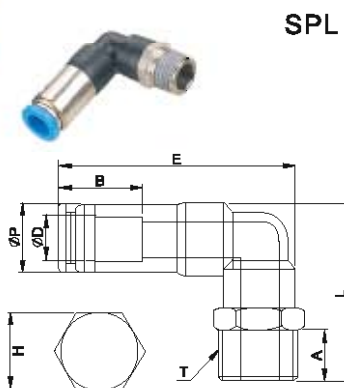
公制-R METRIC-R	型号 MODEL	ΦD	ΦP	T	L	A	B	H
SPC 04-01	4	10	R1/8	28.1	8	15.3	10	
SPC 06-01	6	12	R1/8	23.3	8	17.0	12	
SPC 08-02	8	14	R1/4	33.3	10	18.6	14	
SPC 08-03	8	14	R3/8		11		17	
SPC 10-02	10	17	R1/4		10		17	
SPC 10-03	10	17	R3/8	35.6	11	20.3	17	
SPC 10-04			R1/2		14		21	
SPC 12-02			R1/4		10		19	
SPC 12-03	11	18.8	R3/8	41.9	11	22.7	19	
SPC 12-04			R1/2		14		21	



公制-R METRIC-R	型号 MODEL	ΦD	ΦP	L	B
SPU 0400	4	10.5	42.1	15.7	
SPU 0600	6	12.5	46.0	17.0	
SPU 0800	8	14.8	53.7	19.1	
SPU 1000	10	17.5	58.2	20.2	
SPU 1200	12	20.5	67.1	22.7	



公制-R METRIC-R	型号 MODEL	ΦD	ΦP	T	L	A	B	H
SPL 04-M5				M5X0.8P	4.6		10	
SPL 04-M6	4	10		M6X1.0P	34.5	4.1	15.3	10
SPL 04-01				R 1/8	8.0		10	
SPL 06-M5				M5X0.8P	4.6		12	
SPL 06-01	6	12		R 1/8	38.9	8.0	17.0	12
SPL 06-02				R 1/4	10.0		14	
SPL 08-01	8	14		R 1/8	48.6	8.0	18.6	14
SPL 08-02				R 1/4	10.0		14	
SPL 10-02				R 1/4	10.0		17	
SPL 10-03	10	17		R 3/8	55.0	11.0	20.3	17
SPL 10-04				R 1/2	14.0		21	
SPL 12-03	12	18.8		R 3/8	63.7	11.0	22.7	19
SPL 12-04				R 1/2	14.0		21	



逆止阀 CHECK VALVES

ISO9001:2000

■作用/APPLICATIONS

逆止阀允许空气朝一个方向流动。
Check valves permit airflow in one direction.
使输出压力保持恒定。
Used for maintaining the output pressure at a constant level.

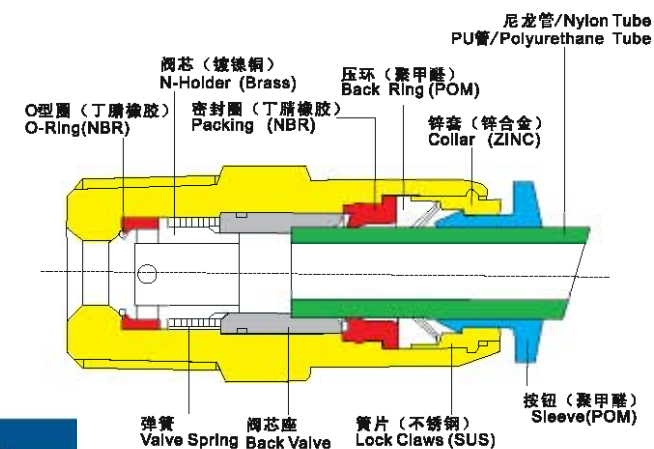
■特点/FEATURES

逆止阀允许空气朝一个方向流动，但是阻止了相反的方向。
The check valves permit the airflow in one direction but stops in the reverse direction.
逆止阀可使工作压力保持在0.1kgf/cm²，真空中保持在1.42 PSI，并且在低压下进行管道连接。
The check valves works at the pressure of 0.1 kgf/cm², keeps 1.42 PSI in vacuum and connects at a low pressure.

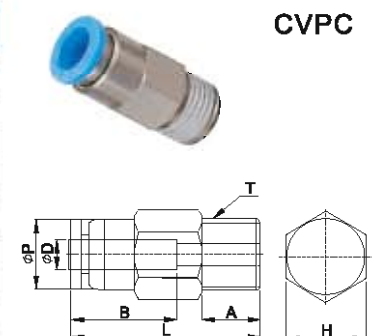
■技术参数/SPECIFICATIONS

使用流体/Fluid	空气（无其他气体和液体） Air(No other gases or liquids)	
使用压力范围 Operating Pressure	0-150PSI	0~9.9Kgf/cm ² (0~990kpa)
负压 Negative Pressure	-29.5in Hg	-750mmHg(-750Torr)
使用温度范围 Operating Temperature	32~140°F	0~60°C
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon	

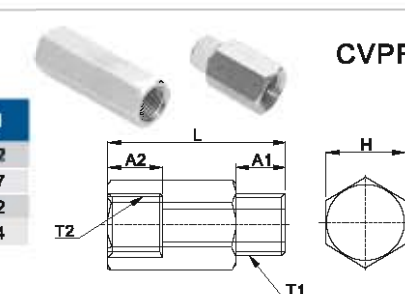
■结构图/STRUCTURE CHART



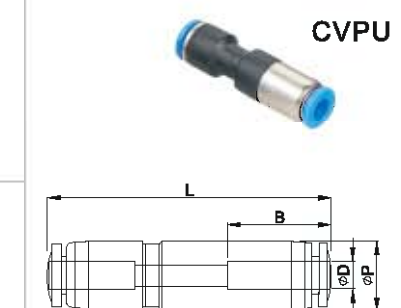
公制-R METRIC-R	型号 MODEL	ΦD	ΦP	T	L	A	B	H
CVPC 04-M5				M5X0.8P	31.4	3.6	15.3	10
CVPC 04-M6	4	10		M6X1.0P	30.4	4.6	15.3	10
CVPC 04-01				R1/8	27.3	8.0	15.3	10
CVPC 06-01	6	11.9		R1/8	32.6	8.0	16.3	12
CVPC 06-02				R1/4	32.6	10.0	16.3	12
CVPC 08-01	8	14		R1/8	34.9	8.0	18.3	14
CVPC 08-02				R1/4	37.2	10.0	18.3	14
CVPC 10-03	10	23		R3/8	58.3	11.0	20.3	22
CVPC 10-04				R1/2	58.3	14.0	20.3	22
CVPC 12-03	12	25		R3/8	62.3	12.0	23.3	24
CVPC 12-04				R1/2	65.3	14.0	23.3	24



公制-R METRIC-R	型号 MODEL	T1	T2	L	A1	A2	H
CVPC 04-M5	R1/8	R1/8	28.1	8	8	12	
CVPC 04-M6	R1/4	R1/4	34.1	11	11	17	
CVPC 04-01	R3/8	R3/8	53.8	12	12	22	
CVPC 06-01	R1/2	R1/2	61.0	14	14	24	



公制-R METRIC-R	型号 MODEL	ΦD	ΦP	L	B
CVPU 0400	4	10.5	42.3	15.7	
CVPU 0600	6	12.5	47.5	17.0	
CVPU 0800	8	14.8	56.4	19.1	
CVPU 1000	10	23.0	65.2	20.5	
CVPU 1200	12	25.0	73	23.3	



APPLICATIONS

-A nut tightening pipe connection tool for devices that use pneumatic piping.

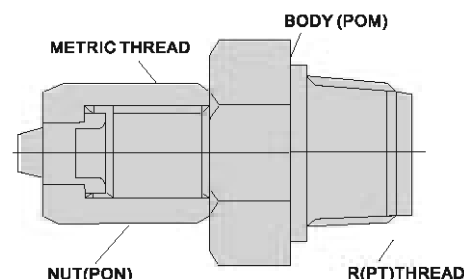
FEATURES

- The connection method is nut tightening and efficient in environments with vibration.
- Made from plastics to be semi-permanent, has good tolerance to corrosion and chemicals
- Suited for low air pressure devices.

SPECIFICATIONS

- Fluid type: Air (No other gases or liquids)
- Working pressure: 0~150PSI/0~9.9Kgf/cm² (0~990kpa)
- Negative pressure: -29.5in Hg/-750mmHg (-750Torr)
- Working temperature: 32~140°F/0~60°C
- Applicable Tube: Polyurethane and Nylon

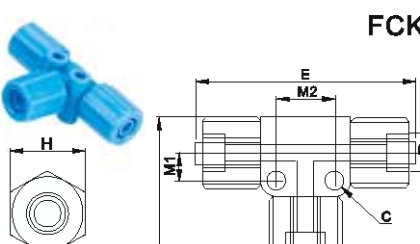
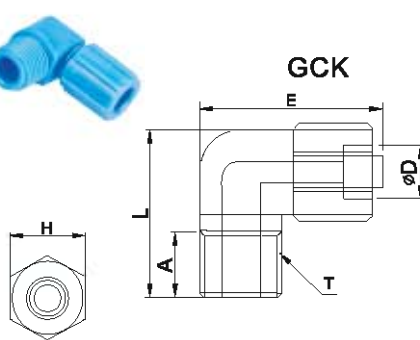
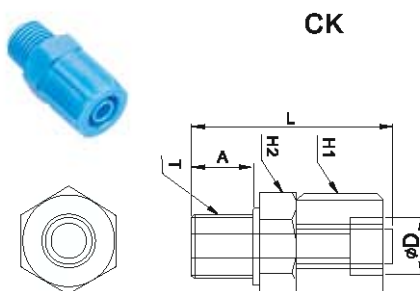
STRUCTURE



公制-R METRIC-R	型号 MODEL	φD	T	L	A	H1	H2
	CK 04-01	6	R 1/8	28.5	7.0	12	13
	CK 06-01		R 1/4	30.5	9.0		15
	CK 06-02		R 1/8	29.5	9.0		14
	CK 08-02	8	R 1/4	29.0	9.0	14	15
	CK 08-03		R 3/8	31.7	10.2		19
	CK 10-02		R 1/4	34.4	9.2		17
	CK 10-03	10	R 3/8	34.4	10.2	17	19
	CK 10-04		R 1/4	39.0	9.2		17
	CK 12-02	12	R 3/8	41.2	10.2		19

公制-R METRIC-R	型号 MODEL	φD	T	L	E	A	H1
	GCK 06-01	6	R 1/8	24.5	26.0	7.0	12
	GCK 06-02		R 1/4	26.5	29.5	9.0	
	GCK 08-01		R 1/8	24.5	25.5	8.0	
	GCK 08-02	8	R 1/4	26.5	29.0	10.0	14
	GCK 08-03		R 3/8	27.5	32.5	11.0	
	GCK 10-02		R 1/4	30.0	32.0	12.0	
	GCK 10-03	10	R 3/8	31.0	34.7	12.0	17
	GCK 12-02		R 1/4	32.0	41.5	11.0	
	GCK 12-03	12	R 3/8	34.0	41.5	12.0	19

公制-R METRIC-R	型号 MODEL	φD	L	E	C	M1	M2	H
	FCK-06	6	31.1	48.3	4.3	5.7	11.2	12
	FCK-08	8	32.0	18.0	4.3	6.6	12.2	14
	FCK-10	10	40.0	54.0	4.3	8.3	13.4	17
	FCK-12	12	47.7	68.0	4.3	9.3	13.7	19



作用/APPLICATIONS

用来控制空气流向

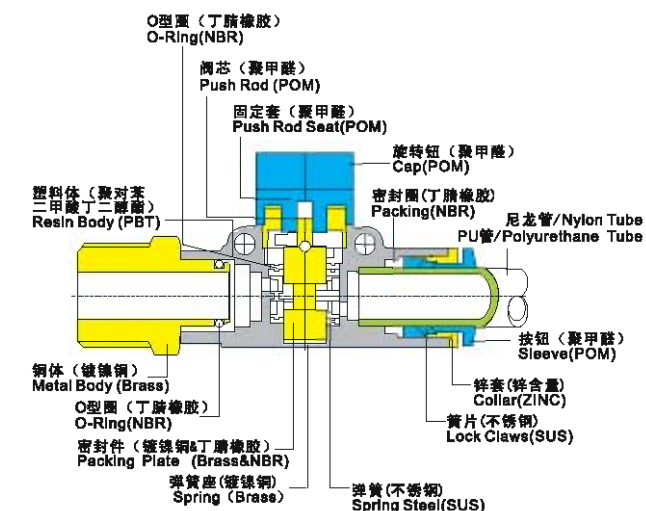
Used for switching compressed air.

手控阀门是控制气动装置空气压力的开与关。
This product switches air on/off air pressure devices by simply turning the handle.
当设备中剩余压力都释放后，要进行必要的检查和维修保养。
Maintenance or inspection is possible when the remaining pressure in the device is removed.
手控阀门有四种类型供使用。
There are 4 types available depending on the method applied to air pressure flow.

技术参数/SPECIFICATIONS

使用流体/Fluid	空气 (无其他气体和液体) Air (No other gases or liquids)	
使用压力范围 Operating Pressure	0-150PSI	0~9.9Kgf/cm ² (0~990kpa)
负压 Negative Pressure	-29.5in Hg	-750mmHg (-750Torr)
使用温度范围 Operating Temperature	32~140°F	0~60°C
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon	

结构图/STRUCTURE CHART



管(公制)-螺纹(R) Tube (Metric)-Thread (R)	管(英寸)-螺纹(NPT) Tube (Inch)-Thread (NPT)	管(公制)-螺纹(G) Tube (Metric)-Thread (G)
HVSF 06-01	HVSF 10-03	HVSF 1/4-N1
HVSF 06-02	HVSF 10-04	HVSF 1/4-N2
HVSF 06-03	HVSF 12-02	HVSF 1/4-N3
HVSF 08-01	HVSF 12-03	HVSF 5/16-N1
HVSF 08-02	HVSF 12-04	HVSF 5/16-N2
HVSF 08-03		HVSF 5/16-N3
HVSF 10-02		HVSF 3/8-N2

螺纹(R)-管(公制) Thread (R)-Tube (Metric)	螺纹(NPT)-管(英寸) Thread (NPT)-Tube (Inch)	螺纹(G)-管(公制) Thread (G)-Tube (Metric)
HVFS 01-06	HVFS 02-10	HVFS 1/4-N1
HVFS 02-06	HVFS 03-10	HVFS 1/4-N2
HVFS 03-06	HVFS 04-10	HVFS 1/4-N3
HVFS 01-08	HVFS 02-12	HVFS 5/16-N1
HVFS 02-08	HVFS 03-12	HVFS 5/16-N2
HVFS 03-08	HVFS 04-12	HVFS 5/16-N3

螺纹(R)-管(公制) Thread (R)-Tube (Metric)	螺纹(NPT)-管(英寸) Thread (NPT)-Tube (Inch)	螺纹(G)-管(公制) Thread (G)-Tube (Metric)
HVSS 01-01	HVSS N1-N1	HVSS G01-G01
HVSS 02-01	HVSS N2-N1	HVSS G02-G01
HVSS 02-02	HVSS N2-N2	HVSS G02-G02
HVSS 03-02	HVSS N3-N2	HVSS G03-G02
HVSS 03-03	HVSS N3-N3	HVSS G03-G03
HVSS 04-03	HVSS N4-N3	HVSS G04-G03
HVSS 04-04	HVSS N4-N4	HVSS G04-G04



型号(T) MODEL (T)	管(R) Tube (R)
HSV 01 FS	HSV 01 SF
HSV 02 FS	HSV 02 SF
HSV 03 FS	HSV 03 SF
HSV 04 FS	HSV 04 SF
HSV 01 FF	HSV 01 SS
HSV 02 FF	HSV 02 SS
HSV 03 FF	HSV 03 SS
HSV 04 FF	HSV 04 SS

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型号 MODEL
BSL-M5
BSL-01
BSL-02
BSL-03
BSL-04
BSL-06
BSL-10
BSL-12
BSL-14
BSL-20



型号 MODEL
SD-01
SD-02
SD-03
SD-04
SD-06



型号 MODEL
BESL-01
BESL-02
BESL-03
BESL-04



型号 MODEL
BSLM-01
BSLM-02
BSLM-03
BSLM-04
BSLM-06
BSLM-10



型号 MODEL
PSL-01
PSL-02
PSL-03
PSL-04



型号 MODEL
PUS-01
PUS-02
PUS-03
PUS-04

快插 COUPLER



型号(T) MODEL (T)
HOSE STEM
20SH
30SH
40SH



型号(T) MODEL (T)
20SM
30SM
40SM



型号(T) MODEL (T)
20SF
30SF
40SF



型号(T) MODEL (T)
HOSE NUT (T)
20SP
30SP
40SP



型号(T) MODEL (T)
HOSE STEM
20PH
30PH
40PH



型号(T) MODEL (T)
20PM
30PM
40PM



型号(T) MODEL (T)
20PF
30PF
40PF



型号(T) MODEL (T)
HOSE NUT (T)
20PP
30PP
40PP



型号(T) MODEL (T)
HOSE STEM
OSH20
OSH30
OSH40



型号(T) MODEL (T)
OSM20
OSM30
OSM40



型号(T) MODEL (T)
OSF20
OSF30
OSF40



型号(T) MODEL (T)
OSN20
OSN30
OSN40

APPLICATIONS

-Used for piping of pneumatic devices.

FEATURES

- Excellent flexibility at low temperatures.
- Light-weight with good tolerance to wear and chemicals.
- Convenient for piping as it has better flexibility than nylon tubes.
- Tubes are available in diverse colors according to the working situation.

SPECIFICATIONS

- Fluid type: Air (No other gases or liquids)
- Working pressure: 0~150PSI/0~9.9Kg/cm² (0~990KPa)
- Negative pressure: -29.5in Hg/-750mmHg (-750Torr)
- Working temperature: 32~140 F/0~60° C
- Applicable Tube: Polyurethane and Nylon

TUBE COLOR CODE

Color	White	Black	Red	Blue	Yellow	Green	Clear	Silver
CODE	WT	BK	RD	BU	YL	GR	CL	SL

PU



型号(外径-内径) MODEL(Outer-Inner)	
管(公制) Tube (Metric)	管(英寸) Tube (Inch)
PU 0302	PU 1/8
PU 0402	PU 5/32
PU 0425	PU 3/16
PU 0640	PU 1/4
PU 0850	PU 5/16
PU 0855	PU 3/8
PU 1065	PU 1/2
PU 1280	
PU 1290	
PU 1612	

NA



型号(外径·内径·长度) MODEL (Outer·Inner·Length)	
管(公制) Tube (Metric)	
NA 0420	
NA 0425	
NA 0640	
NA 0860	
NA 1080	
NA 1290	

FEATURES

A Safe efficient accurate tool for cutting tubing squarely

SPECIFICATIONS

Available Tubing	Polyurethane and Nylon
Cutting Outer Dia	φ3.0-φ12.0
Material	Polyacetal, Stainless steel
Standard Color	Blue



T-C-□
Tube Cut- *
B:Black
BL:Blue
Y:Yellow

吹尘枪 AIR GUNS

PRODUCT CODE

AG — 01 — B
Air Gun Nozzle Color
00-20mm
01-100mm
02-200mm
03-300mm
B:Blue
R:Red



ISO9001:2000

ISO9001:2000

Nipple Double
Male Adaptor



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
BC-01T01T	1/8	1/8
BC-01T02T	1/8	1/4
BC-01T03T	1/8	3/8
BC-02T02T	1/4	1/4
BC-02T03T	1/4	1/8
BC-02T04T	1/4	1/4
BC-03T03T	3/8	3/8
BC-03T04T	3/8	1/2
BC-03T06T	3/8	3/4
BC-04T04T	1/2	1/2
BC-04T06T	1/2	3/4
BC-04T08T	1/2	3/4

Male/Female
Adaptor



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
BG-01T01T	1/8	1/8
BG-01T02T	1/8	1/4
BG-02T01T	1/4	1/8
BG-02T02T	1/4	1/4
BG-02T03T	1/4	3/8
BG-03T01T	3/8	1/8
BG-03T02T	3/8	1/4
BG-03T03T	3/8	3/8
BG-03T04T	3/8	1/2
BG-04T02T	1/2	1/4
BG-04T03T	1/2	3/8
BG-04T04T	1/2	1/2

Double female
sleeve



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
BA-01A	1/8	
BA-01A	1/4	
BA-01A	3/8	
BA-01A	1/2	
BA-02A01A	1/4	1/8
BA-03A02A	3/8	1/4

Hose Nut



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
HN 0201	1/4	1/8
HN 0302	3/8	1/4
HN 0403	1/2	3/8

Cross Hose
Connector



STYLE	型号 MODEL
BH-003C	3/16
BH-02AC	1/4
BH-02BC	5/16
BH-03AC	3/8
BH-04AC	1/2

Hex Plug



STYLE	型号 MODEL
BZ-01A	1/8
BZ-02A	1/4
BZ-03A	3/8
BZ-04A	1/2
BZ-06A	3/4
BZ-M5A	M5

Olive



STYLE	型号 MODEL
CA-C038	1/8
CA-MC038-2	4M/M
CA-CD39	3/8
CA-C039-5	5M/M
CA-C039-6	6RN/M
CA-C040	1/4
CA-C041	5/16
CA-MC042	3/8
CA-MC042-10	10M/M
CA-MC043	1/2
CA-MC043-1	12M/M

Equal Y Hose
Connector



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
CL-0101	1/8	1/8
CL-0102	1/8	1/4
CL-0202	1/4	1/4
CL-0203	1/4	3/8
CL-0204	1/4	1/2
CL-0303	3/8	3/8
CL-0304	3/8	1/2
CL-0404	1/2	1/2

Flare Nut



STYLE	型号 MODEL
CA-C001	1/4
CA-C002	5/16
CA-C003	3/8
CA-C004	1/2
CA-C005	5/8
CA-C006	3/4

Male Stud Flare
Connrctor



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
CA-C09-1	1/8	1/4
CA-C09-2	1/4	1/4
CA-C09-3	3/8	1/4
CA-C09-4	1/2	1/4
CA-C010-1	1/8	5/16
CA-C010-2	1/4	5/16
CA-C010-3	3/8	5/16
CA-C010-4	1/2	5/16
CA-C011-2	1/4	3/8
CA-C011-3	3/8	3/8
CA-C011-4	1/2	3/8
CA-C012-2	1/4	1/2
CA-C012-3	3/8	1/2
CA-C012-4	1/2	1/2

Double Flare
Connector



STYLE	型号 MODEL
CA-C017	1/8
CA-C018	1/4
CA-C019	5/16
CA-C020	3/8
CA-C021	1/2

Male Stud90°
Elbow Flare
Connrctor



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
CA-C013-1	1/8	1/4
CA-C013-2	1/4	1/4
CA-C013-3	3/8	1/4
CA-C013-4	1/2	1/4
CA-C014-1	1/8	5/16
CA-C014-2	1/4	5/16
CA-C014-3	3/8	5/16
CA-C014-4	1/2	5/16
CA-C015-2	1/4	3/8
CA-C015-3	3/8	3/8
CA-C015-4	1/2	3/8
CA-C016-2	1/4	1/2
CA-C016-3	3/8	1/2
CA-C016-4	1/2	1/2



STYLE	型号 MODEL
CA-C022	1/8
CA-C023	1/4
CA-C024	3/8
CA-C025	1/2

Equal Tee Flare
Connector



STYLE	型号 MODEL
CA-C026	1/4
CA-C027	5/8
CA-C028	3/8
CA-C029	1/2
CA-C030	5/8
CA-C031	3/4

Branch Tee Flare
Connector



STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
CA-C032-1	1/4	1/8
CA-C032-2	1/4	1/4
CA-C032-3	1/4	3/8
CA-C032-4	1/4	1/2
CA-C033-2	5/16	1/4
CA-C033-3	5/16	8/8
CA-C033-4	5/16	1/2
CA-C034-2	3/8	1/4
CA-C034-3	3/8	3/8
CA-C034-4	3/8	1/2

BTB/BTD



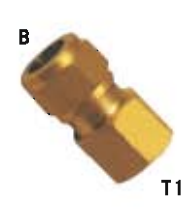
STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
A037	1/8	1/4
A037-1	1/8	5/16
A038	1/4	1/4
A039	1/4	5/16
A040	1/4	3/8
A040-0	1/4	10
A041-1	3/8	1/4
A041-2	3/8	5/16
A041	3/8	3/8
A01-0	3/8	10
A042-1	3/8	1/2
A042-2	1/2	3/8
A042	1/2	1/2

BCM



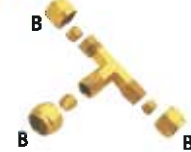
STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
C064	1/8	1/4
C065	1/4	1/4
C066	1/4	5/16
C066-1	1/4	3/8
C066-2	1/4	10
C067-0	1/4	12
C067-1	1/4	1/2
C067-2	3/8	1/4
C067-3	3/8	5/16
C067	3/8	3/8
C067-4	3/8	10
C068	3/8	1/2
C068-0	3/8	12
C068-1	1/2	1/4
C068-2	1/2	5/16
C068-6	1/2	3/8
C068-4	1/2	1/2
C068-5	1/2	10
C068-6	1/2	1/2
C069	3/4	3/4

BCMF



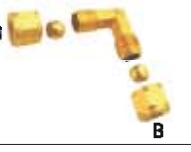
STYLE	型号 MODEL	
	螺纹 (T1) THREAD (T1)	螺纹 (T2) THREAD (T2)
C070-1	1/8	1/4
C070	1/4	1/4
C071-1	1/4	5/16
C071	1/4	3/8
C072-1	3/8	1/4
C072-2	3/8	5/16
C072	3/8	3/8
C073	1/2	1/2

BUTM



STYLE	型号 MODEL
C060	1/4
C061	5/16
C062	3/8
C062-1	10MM
C063	1/2
C063-1	12MM

BULM



STYLE	型号 MODEL
C055	1/4
C056	5/8
C057	3/8
C057-1	10MM
C058	1/2
C058-1	12MM

BUCM



STYLE	型号 MODEL
C050	1/4
C051	5/8
C052	3/8
C052-1	10MM
C053	1/2
C053-1	12MM
C053/4	5/8

ISO9001:2000

ISO9001:2000

BLM	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	C075-1	1/8	1/4
	C075	1/4	1/4
	C078	1/4	5/16
	C077-1	1/4	3/8
	C077-0	1/4	10
	C077-2	1/4	1/2
	C077-3	1/4	1/4
	C077-4	3/8	5/16
	C077	1/8	3/8
	C077-5	3/8	10
	C078-1	3/8	1/2
	C078-0	3/8	12
	C078-2	1/2	1/4
	C078-3	1/2	5/16
	C078-4	1/2	3/8
	C078-5	1/2	1/2
	C078-6	1/2	10
	C078-7	1/2	1/2
	C078-8	3/4	3/4

BLM/BSTM	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	C082	1/8	1/4
	C082-1	1/8	3/8
	C083	1/4	5/16
	C083-1	1/4	1/4
	C084-1	1/4	3/8
	C084-0	1/4	10
	C084-2	1/4	1/2
	C084-6	1/4	12
	C084-3	3/8	1/4
	C084-4	3/8	5/16
	C084-5	3/8	3/8
	C084	3/8	12
	C084-7	3/8	1/2
	C085-1	3/8	12
	C085-2	1/2	1/4
	C085-3	1/2	5/8
	C085-4	1/2	3/8
	C085-5	1/2	1/2
	C085-6	1/2	10
	C085-7	1/2	1/2

BULB	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A005		1/4
	A006		5/16
	A007		3/8
	A007-1		10
	A008		1/2
	A008-1		12

90°Elbow Male/female	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	CL-FM0101		1/8
	CL-FM0202		1/4
	CL-FM0303		3/8
	CL-FM0404		1/2

BUTB	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A013	1/8	1/4
	A014-1	1/8	5/16
	A014-2	1/8	3/8
	A014-3	1/8	10
	A014	1/4	1/4
	A015	1/4	5/16
	A016	1/4	3/8
	A016-0	1/4	10
	A016-1	1/4	1/2
	A016-2	1/2	14
	A017-1	3/8	1/4
	A017-2	3/8	5/16
	A017	3/8	3/8
	A017-3	3/8	10
	A018	3/8	1/2
	A018-1	3/8	12
	A019-1	1/2	1/4
	A019-2	1/2	5/16
	A019-3	1/2	3/8
	A019	1/2	10
	A019-4	1/2	1/2
	A019-5	1/2	1/2
	A019-6	1/2	5/8

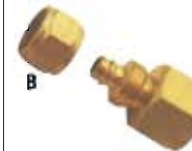
BLM	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	C079	1/8	1/4
	C080	1/4	5/16
	C081	3/8	3/8

BUTB	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	CB-A009		1/4
	CB-A010		5/16
	CB-A011		3/8
	CB-A011-1		10
	CB-A012		1/2
	CB-A012-1		12

BUCB	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A001		1/4
	A002		5/16
	A003		3/8
	A003-1		10
	A004		1/2
	A004-1		12

Female stud equal tee	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	BE-01A	1/8	
	BE-02A	1/4	
	BE-03A	3/8	

BLB	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A031	1/8	1/4
	A032-1	1/8	5/16
	A032-2	1/8	3/8
	A032-3	1/8	10
	A032	1/4	1/4
	A033	1/4	5/16
	A034	1/4	3/8
	A034-0	1/4	3/8
	A034-1	1/4	1/2
	A034-2	1/4	10
	A035-1	3/8	1/4
	A035-2	3/8	5/16
	A035	3/8	3/8
	A035-3	3/8	10
	A036	3/8	12
	A036-1	1/2	1/2
	A036-2	1/2	1/4
	A036-3	1/2	5/16
	A036-4	1/2	3/8
	A036-5	1/2	10
	A036	1/2	1/2
	A036-6	1/2	12

BCBF	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A020	1/8	1/4
	A020-1	1/8	5/16
	A021	1/4	1/4
	A022	1/4	3/8
	A023	1/4	3/8
	A024	3/8	3/8
	A025	3/8	1/2

BLBF	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	A026	1/8	1/4
	A026-1	1/8	5/16
	A027	1/4	1/4
	A028	1/4	5/16
	A029	1/4	3/8
	A030	3/8	1/2

90°Elbow Male Stud Hose Connector	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	Y-N050102	1/8	1/4
	Y-N05012B	1/8	5/16
	Y-N050201	1/4	1/8
	Y-N050202	1/4	1/4
	Y-N050203	1/4	3/8
	Y-N050224	1/4	1/2
	Y-N05022B	1/4	5/16
	Y-N050302	3/8	1/4
	Y-N050304	3/8	1/2
	Y-N05032B	3/8	5/16
	Y-N050404	1/2	1/2

90°Elbow Double Male	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	CL-0101-L	1/8	1/8
	CL-0102-L	1/8	1/4
	CL-0202-L	1/4	1/4
	CL-0203-L	1/4	3/8
	CL-0204-L	1/4	1/2
	CL-0304-L	3/8	1/2
	CL-0404-L	1/2	1/2

90°Elbow Male/FEMALE	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	CL-F0101	1/8	1/8
	CL-F0202	1/8	1/4
	CL-F0303	3/8	3/8
	CL-F0404	1/2	1/2

90°Elbow Male/female	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	Y-25E01		1/8
	Y-25E02		1/4
	Y-25E03		3/8

90°Elbow Male/FEMALE	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	OBCM-4M01		4M02
	OBCM-4M02		4M02
	OBCM-6M01		6M02
	OBCM-6M02		6M02
	OBCM-8M01		8M01
	OBCM-8M02		8M02

Straight Fittings	STYLE	型号 MODEL	
		螺纹 (T1)	软管 (B) MODEL
		THREAD (T1)	HOSE (B) MODEL
	OBCM-4M01		4M01
	OBCM-4M02		4M02
	OBCM-6M01		6M01
	OBCM-6M02		6M02
	OBCM-8M01		8M01
	OBCM-8M02		8M02

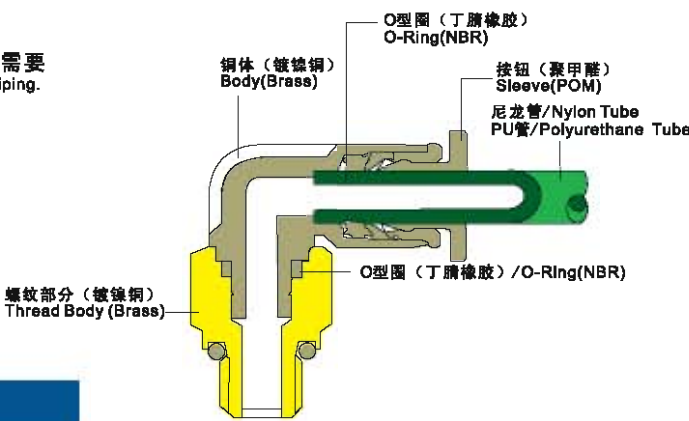
■ 特点/FEATURES

全铜快插式&快拧式气动管接头用于气动管类系统
Push-in fitting are used in pneumatics piping.
管接头具有各种各样的型号，可以满足你在气动管类系统中的所有需要
The tube fittings come in a wide variety of models to meet all your needs in pneumatics piping.
即使安装之后，管道的方向仍然可以自由改变
Even after installation, the direction of the tube can be changed freely.
镀镍的铜体可以防腐蚀和污染
Nickel-Plated metal body ensures Anti-Corrosion and Anti-Corrosion
所有R跟NPT螺纹胶都起密封作用
All R and NPT threads are Pre-Coated sealant.
所有直螺纹都用标准的O型圈
All cylindrical threads are standard with O-Ring seals.

■ 技术参数/SPECIFICATIONS

使用温度范围 Operating Temperature	-20°C~+80°C
使用压力范围 Operating Pressure	0~1.0Mpa
使用流体 Fluid	空气，真空/Air, Vacuum
使用软管 Applicable Tube	PU及尼龙/Polyurethane and Nylon

■ 结构图/STRUCTURE CHART



型号 MODEL (ΦD-T)	管(公制)-螺纹(R) Tube(Metric)-Thread(R)
NPMFT04-M5	NPMFT08-03
NPMFT04-01	NPMFT08-04
NPMFT04-02	NPMFT10-01
NPMFT06-M5	NPMFT10-02
NPMFT06-01	NPMFT10-03
NPMFT06-02	NPMFT10-04
NPMFT06-03	NPMFT12-02
NPMFT06-04	NPMFT12-03
NPMFT08-01	NPMFT12-04
NPMFT08-02	

NPMFT
全铜隔板内螺纹直通



型号 MODEL (ΦD-T)	管(公制)-螺纹(R) Tube(Metric)-Thread(R)
NPCFT04-M5	NPCFT08-03
NPCFT04-01	NPCFT08-04
NPCFT04-02	NPCFT10-01
NPCFT06-M5	NPCFT10-02
NPCFT06-01	NPCFT10-03
NPCFT06-02	NPCFT10-04
NPCFT06-03	NPCFT12-02
NPCFT06-04	NPCFT12-03
NPCFT08-01	NPCFT12-04
NPCFT08-02	

NPCFT
全铜内螺纹直通



NPET
全铜正三通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPET04	
NPET06	
NPET08	
NPET10	
NPET12	

NPVT
全铜弯头



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPVT04	
NPVT06	
NPVT08	
NPVT10	
NPVT12	

NPUT
全铜直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPUT04	
NPUT06	
NPUT08	
NPUT10	
NPUT12	
NPUT08-06	
NPUT10-08	

NPZT
全铜四通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPZT04	
NPZT06	
NPZT08	
NPZT10	
NPZT12	

NPMT
全铜隔板直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPMT04	
NPMT06	
NPMT08	
NPMT10	
NPMT12	

NPGJT
全铜插入型直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPGJT06-04	
NPGJT08-06	
NPGJT10-08	
NPGJT12-10	

NPHT
全铜外六角接头



型号 MODEL (ΦD-T)	管(公制)-螺纹(R) Tube(Metric)-Thread(R)
NPHT04-G01	
NPHT04-G02	
NPHT06-G01	
NPHT06-G02	
NPHT08-G01	
NPHT08-G02	
NPHT08-G03	
NPHT10-G03	

NPSCT
全铜螺纹标准型



型号 MODEL (ΦD-T)	管(公制)-螺纹(R) Tube(Metric)-Thread(R)
NPSCT04-G01	
NPSCT04-G02	
NPSCT06-G01	
NPSCT06-G02	
NPSCT08-G01	
NPSCT08-G02	
NPSCT08-G03	
NPSCT10-G03	

NPBBT
全铜插入型直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPBBT-01-01	
NPBBT-02-02	
NPBBT-03-03	
NPBBT-04-04	
NPBBT-01-02	
NPBBT-01-03	
NPBBT-02-03	
NPBBT-02-04	
NPBBT-03-04	

TGB9H
全铜内外螺纹直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPBDT-01-02	
NPBDT-01-03	
NPBDT-01-04	
NPBDT-02-03	
NPBDT-02-04	
NPBDT-03-04	

NPBZT
全铜外六角弯头



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPBZT-01	
NPBZT-02	
NPBZT-03	
NPBZT-04	

NPBAT
全铜内螺纹直通



型号(ΦD) MODEL (ΦD)	管(公制) Tube(Metric)
NPBAT-01	
NPBAT-02	
NPBAT-03	
NPBAT-04	
NPBAT-02-01	
NPBAT-03-02	