本产品选型手册为我公司部分产品，更多详细资料敬请垂询，因产品技术不断创新，请以实物或说明书为准，届时恕不另行通知。
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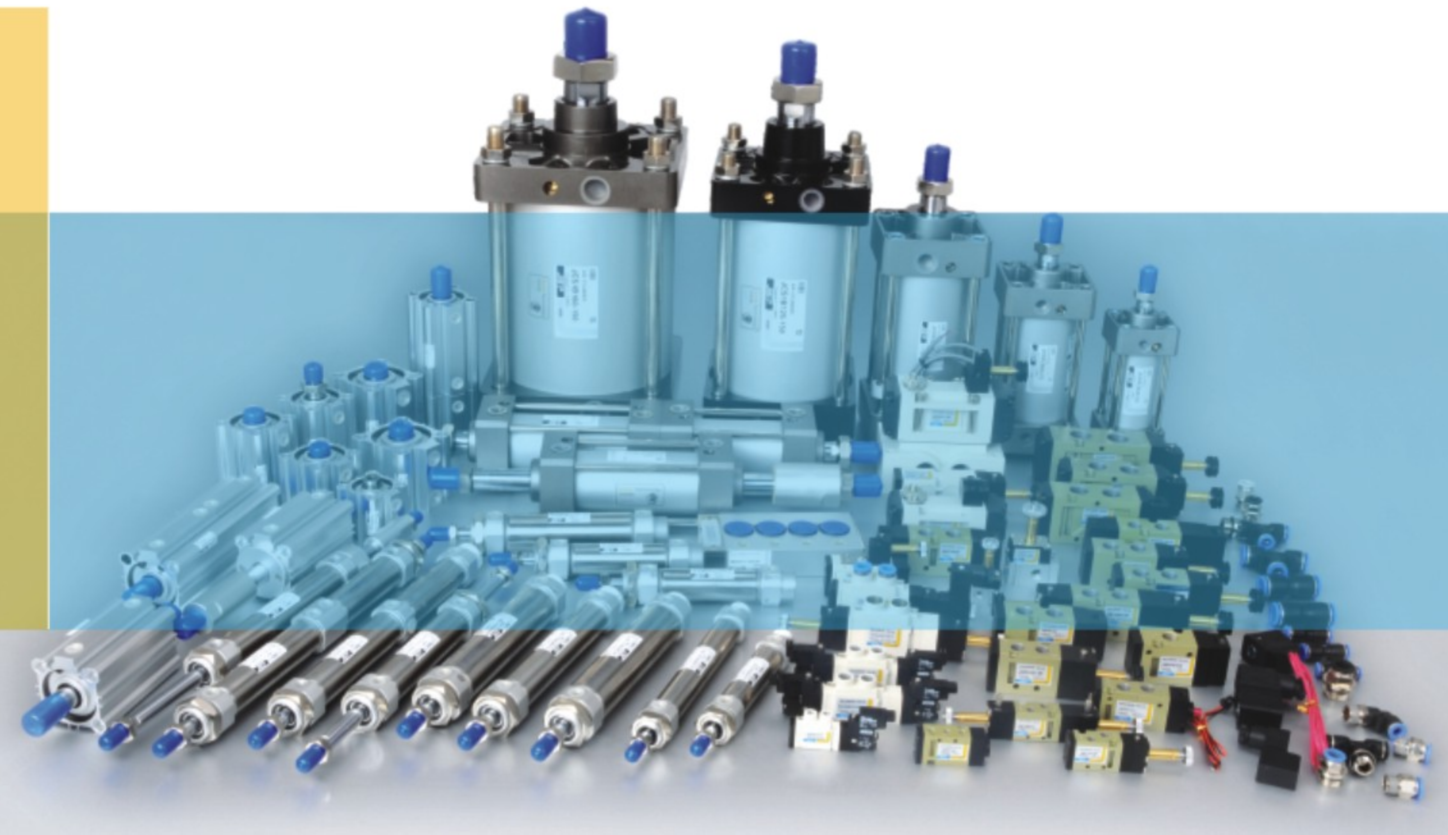
JISP®

韩国独资 基世气动

2012 产品选型手册

PRODUCTS GUIDE CATALOGUE

JIS PNEUMATIC
基世气动



JISP®
基世气动

公司簡介
Brief Introduction

基世气动（JISP）是一家专业生产气缸、电磁阀、接头、气源处理器等一系列中高端气动产品的韩国公司。在多年的经营时间里赢得韩国气动知名品牌的美誉。

公司原创于2004年，现有1.2万平米的生产厂房；专业技术管理人员占总员工数的1/3，能自行设计、开发、生产气动控制元件、执行元件、气源处理件、辅助元件以及成套设备，产品形制可作为《SMC》产品的最佳替代产品，JISP公司以优质的产品质量和完善的售后服务体系赢得韩国诸多大型知名公司认可，并达成长期生产合作伙伴关系。

本司凭着多年来稳定的产品质量和生产技术的不断研发，2010年正式进入中国市场，并在中国–浙江成立的（JISP驻中国气缸生产加工）基地。将由浙江大为自动化有限公司全权代理JISP公司产品在中国的市场营销。本着“先用后买、方知好歹”的营销宗旨竭诚为中国的工业自动化事业提供优质的产品和服务。

JISP is a professional KOREA company engages in producing cylinder, solenoid valve, air fitting, air source treatment and a series of the high/middlelevel pneumatic products. In the period of management, JISP earns good reputation as Korea's famous brand of pneumatic.

JISP established in 2004, owns 12 thousands square-meters factory; and perfessional technical controller occupied 1/3 of total employees. We can design, develop and produce pneumatic component, pneumatic actuator, air source treatment, auxiliary component and complete equipment by ourselves. Meanwhile, the shape of products could be the best surrogate product of SMC. With the high quality of products and strong system of after-sales service, JISP gains the acceptance from many large famous company, and being production partner with the m in long-term.

Based on the stable quality of products and continous research in produce technology over years, our company offically enter into chinese market in 2010. Meanwhile, we established the cylinder production basis in China-Zhejiang. ZHEJIANG DAWEI AUTOMATIC CO.,LTD will general Agent the market management of JISP's products in China. With the sale's tenet "Use first then buy till know good or bad"to supply the high quality of products and serives for China's industrial automation.

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THEORETICAL OUTPUT FORCE LIST OF DOUBLE EFFECT CYLINDER(N) β=100%

双作用气缸理论输出力表(N) β=100%

气缸内径 Cylinder ID	活塞杆直径 Piston rob diameter	动作方式 Action mode	受压面积(mm^2) Pressure area	压力(Mpa)						
				0.2	0.3	0.4	0.5	0.6	0.7	0.8
φ32	φ12	推Push	803	160.6	240.9	321.2	401.5	481.8	562.1	642.4
		拉Pluck	691	138.2	207.3	276.4	345.5	414.6	483.7	552.8
φ40	φ16	推Push	1257	251.0	377.0	503.0	628.0	754.0	880.0	1010.0
		拉Pluck	1056	211.0	217.0	422.0	528.0	633.0	799.0	844.0
φ50	φ20	推Push	1963	393	589	785	982	1178	1374	1571
		拉Pluck	1649	330	485	660	825	990	1155	1319
φ63	φ20	推Push	3120	623	935	1247	1559	1870	2180	2490
		拉Pluck	2800	561	841	1121	1402	1682	1962	2240
φ80	φ25	推Push	5030	1005	1508	2010	2510	3020	3520	4020
		拉Pluck	4540	907	1361	1814	2270	2720	3170	3630
φ100	φ25	推Push	7850	1571	2315	2140	3925	4710	5495	6280
		拉Pluck	7362	1429	2140	2860	3570	4290	5000	5720
φ125	φ32	推Push	1227	2450	3680	4910	6135	7360	8590	9820
		拉Pluck	11470	2294	3441	4588	5735	6882	8029	9176
φ160	φ40	推Push	20100	4020	6030	8040	10050	12060	14070	16080
		拉Pluck	18850	3770	5655	7540	9425	11310	13195	15080

SELECTION OF CYLINDERID 气缸内径选择方式

气缸活塞杆上的推力:$F1=\frac{\pi}{4}\times D^2\times P\times\beta$ (N)

气缸活塞杆上的拉力:$F2=\frac{\pi}{4}\times(D^2-d^2)P\times\beta$ (N)

D:气缸筒内径(活塞的直径) d:活塞杆直径

P:气源压力 β:负载力(慢速时β=65%，快速时β=80%)

Propulsive force on piston rob of cylinder: $F1=\frac{\pi}{4}\times D2\times P\times\beta$ (N)

Pulling force on piston rob of cylinder: $F2=\frac{\pi}{4}\times(D2-d2)P\times\beta$ (N)

D: ID of cylinder tube(diameter of piston) d:Diameter of piston rob

P: Air source pressure β: Load force(slow β=65%,fast β=80%)

POINTS FOR INSTALLATION AND USAGE OF CYLINDER 气缸安装使用注意事项

安装前应先在空载条件下试运行，正常后方能安装

按使用条件选用安装形式，安装时必须注意：

a. 耳环安装、中间轴销安装，其作用力应处在同一平面内

b. 法兰安装，其作用力与支承中心处在同一轴线上，法兰与支承座的连接应使法兰面承受作用力，而不使其固定螺钉承受拉力。

c. 气缸活塞杆不允许承受偏载荷或横向载荷，超长行程气缸，应加支承或导向装置，接入管道前要清除管道内脏物，防止杂物进入气缸。

经常检查紧固件，及时防止松动脱扣。

必要时可以调节节流阀，以调整缓冲效果，避免活塞与气缸盖碰撞，损坏机件。

Pre-running the cylinder under idle load condition before installation, install it after everything is OK.

Select the installation method according to usage condition, pay attention to the following points:

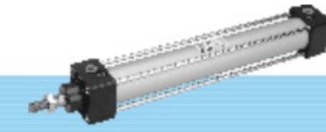
a. The force will be applied on one surface when mounting the tongue and middle axle pin.

b. The applied force will be on one axis with the supporting center when mounting flange, make the flage bear the effect instead of its fixing bolt when the flange is connected with the supporting base.

c. The cylinder piston rob is not allowed to bear inclined load or lateral load, cylinder with overlength travel will add support or guiding device, empty the pipe before connection to avoid dirt enter into the pipe.

Check the fastener regularly to avoid loosening happens.

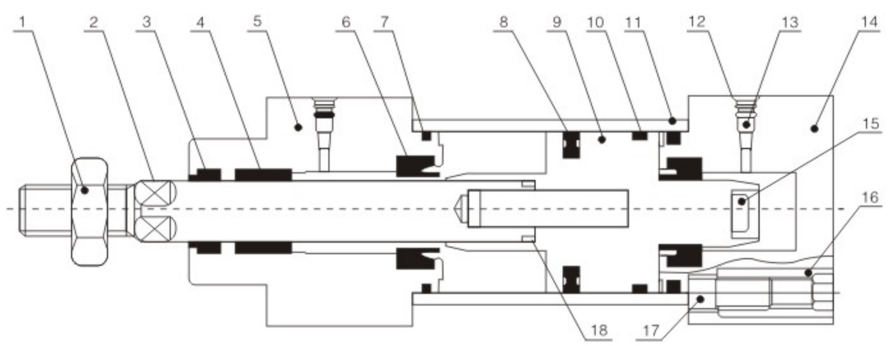
If it is necessary, adjust the throttle valve to regular the buffer effect and avoid the piston to strike with the cylinder tap to damage the parts.



SPECIFICATIONS 规格

内径 Cylinder ID (mm)	32	40	50	63	80	100	125	160	200
动作型式 Action mode	复动型 Double action type								
工作介质 Operating medium	经过滤的压缩空气 Filtered impressed air								
固定型式 Fixation mode	基本型 Principle made FA型FB型CA型CB型LB型TC型TC-M型								
使用压力范围Kgt/cm² Range of pressure applied	1.5 ~ 10								
保证耐压力Kgt/cm² Guaratee pressure wih stand	15								
使用温度范围℃ Environment temp	0 ~ 70								
使用速度范围 Range of speed applied (mm/s)	50 ~ 500								
缓冲型式 Buffer mode	可调缓冲 Adjustable buffer								
缓冲行程 Buffer stroke (mm)	24				32		35		
接管口径 Adapter diameter	G1/8"	G1/4"		G3/8"		G1/2"		G3/4"	

CONSTRUCTION MAJOR DIMENSIONS 结构/外形尺寸图

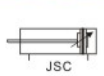


序号No	名称	Name	序号No	名称	Name
1	螺母	Nut	2	活塞杆	Piston rod
3	前盖密封圈	Front cover seal	4	含油轴承	Oil-impregnated bearing
5	前盖	Front cover	6	缓冲O形圈	Buffer O ring
7	管壁O形圈	Pipe wall O ring	8	活塞O形圈	Piston O ring
9	活塞	Piston	10	耐磨环	Auti-friction ring
11	缸筒	Cylinder tube	12	缓冲防漏O形圈	Buffer leak prevention O ring
13	缓冲调整螺丝	Buffer adjust screw	14	后盖	Back cover
15	内六角螺栓	Inside six angels screw	16	拉柱螺帽	Colum nut
17	支柱	Colum	18	活塞杆O形圈	Piston rod O ring

ORDERING CODE 订购代码

JSC - 50 x 50 - S - LB

With Magnet 内置磁环



Bore Size 缸径

32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

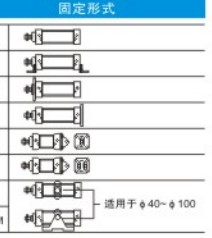
Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
80,100, 125	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
160, 200	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000

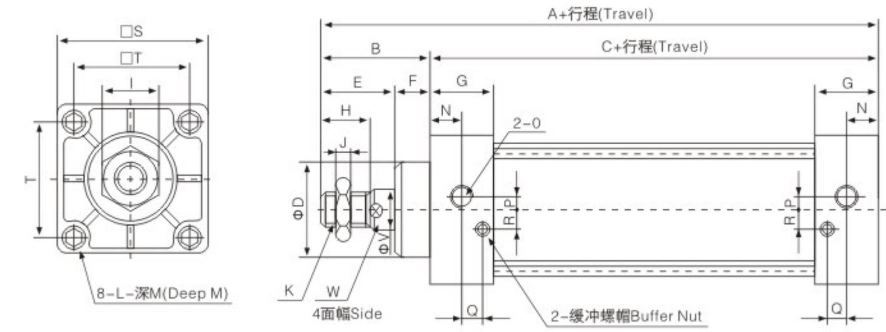
Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式



CONSTRUCTION MAJOR DIMENSIONS 结构/外形尺寸图



缸径ID	A	B	C	D	E	F	G	H	I	J	K	L
32	140	47	93	28	32	15	27.5	22	17	6	M10 × 1.25	M6 × 1
40	142	49	93	32	34	15	27.5	24	17	7	M12 × 1.25	M6 × 1
50	150	57	93	38	42	15	27.5	32	23	8	M16 × 1.5	M6 × 1
63	153	57	96	38	42	15	27.5	32	23	8	M16 × 1.5	M8 × 1.25
80	182	75	107	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
100	189	75	114	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
125	230	93	137	60	68	25	40	54	41	13.5	M27 × 2	M12
160	308	128	180	65	90	38	50	72	55	18	M36 × 2	M16 × 2
200	341	161	180	75	90	71	50	72	55	18	M36 × 2	M16 × 2

缸径ID	M	N	O	P	Q	R	S	T	V	W
32	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10
40	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14
50	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17
63	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17
80	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22
100	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22
125	15	20	G1/2"	–	–	90	140	110	32	27
160	15	25	G3/4"	–	–	90	178	140	40	36
200	15	25	G3/4"	–	–	90	220	174	40	36

*带磁型与不带磁型的安装尺寸相同 *The install size of magnetism taking type is same with the non-magnetism type.

STANDARD TRAVEL 标准行程

内径 (mm) ID	标准行程 Standard stroke																		最大行程 Max.stroke	容许行程 Permitted stroke
32	25	50	75	100	125	150	175	200	250	300	350	400	450	500					1000	2000
40	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800		1200	2000
50	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1200	2000
63	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
80	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
100	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
125	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
160	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
200	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000

*特殊行程请与本公司联系定制 *Please contact with our-factory to made-to-order if you need special travel.

EXAMPLE 示例

欲订购缸径为63mm，行程为100mm，附磁石，采用前法兰固定型式的双轴复动型(拉杆式)气缸，订购型号为：JSCD-63×100-FA。

欲订购缸径为40mm，行程为100mm，不附磁石，采用中间摆轴固定型式的双轴复动型(拉杆式)气缸，订购型号为：JSCD-40×100-TC。

If you want to buy the LB fixed multi-station reset type (tie bar type) cylinder with the diameter of 63mm, travel of 100mm, with magnetic that the double axle reset type of pre-flange fixed type number is JSCD-63×100-FA.

If you want to buy the LB fixed multai-station reset type (tie bar type) cylinder with the diameter of 40mm, travel of 100mm, with magnetic, The middle alex fixed reset type of pr-flange fixed type. Number is JSCD-40×100-TC.

MAIN ALLESSORIES MATERIAL 主要零件材质

内径	ID	32	40	50	63	80	100	125	160	200
缸筒	Cylinder tube	铝合金 Aluminium alloy								
活塞	Piston	铝合金 Aluminium alloy								
活塞杆	Piston rod	中碳钢 Medium carbon steel								
前盖密封圈	Front cover seal	NBR								
活塞密封圈	Piston joint ring	NBR								
管壁O形圈	Pipe wall O ring	NBR								
活塞杆O形圈	Piston rob O ring	NBR								
缓冲O形圈	Buffer O ring	NBR								
防尘O形圈	Dust control O ring	NBR								
含油轴承	Oil-impregnated bearing	含油粉末冶铜 Oil-bearing								
前后端盖	Front back head cover	铝合金 Aluminium alloy								

内径	ID	32	40	50	63	80	100	125	160	200
磁石	Magnetic ring	塑胶 Plastic gluey								
LB支架	LB bearing	低碳钢 Low carbon steel								
FA 支架	FA bearing	铸铁 Cart iron								
TC支架	TC bearing	铸铁 Cart iron								
TC-M 脚座	TC foot bearer	铸铁 Cart iron								
连接螺栓	Fastening bolt	中碳钢 Medium carbon steel								
支柱	Colum	低碳钢 Low carbon steel								
支柱螺帽	Colum Nut	低碳钢 Low carbon steel								
耐磨环	Auti-friction ring	F4 F4								
缓冲螺丝	Buffer screw	铜 Cu								

ORDERING CODE 订购代码

JSCD - 50 x 50 - S - LB

With Magnet 内置磁环

Bore Size 缸径

32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
80,100, 125	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
160, 200	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000

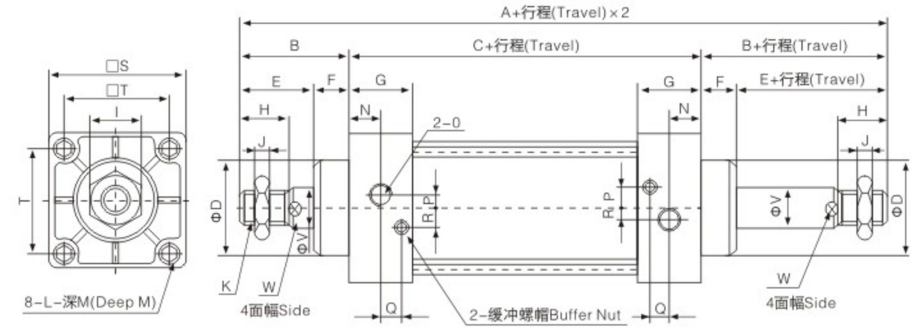
Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

空白	
LB	
FA	
TC	适用于ϕ40~ϕ100
TC-M	适用于ϕ40~ϕ100

CONSTRUCTION MAJOR DIMENSIONS 结构/外形尺寸图

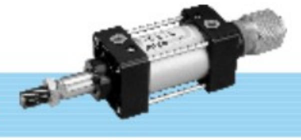


内径符号ID/Mark	A	B	C	D	E	F	G	H	I	J	K	L
32	187	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6×1
40	191	49	93	32	34	15	27.5	24	17	7	M12×1.25	M6×1
50	207	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6×1
63	210	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25
80	257	75	107	47	54	21	33	40	26	10	M20×1.5	M10×1.5
100	264	75	114	47	54	21	33	40	26	10	M20×1.5	M10×1.5
125	323	93	137	60	68	25	40	54	41	13.5	M27×2	M12×1.75
160	436	128	180	65	90	38	50	72	55	18	M36×2	M16×2
200	502	161	180	75	90	71	50	72	55	18	M36×2	M16×2

内径符号ID/Mark	M	N	O	P	Q	R	S	T	V	W
32	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10
40	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14
50	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17
63	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17
80	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22
100	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22
125	15	20	G1/2"	–	–	90	140	110	32	27
160	15	25	G3/4"	–	–	90	178	140	40	36
200	15	25	G3/4"	–	–	90	220	174	40	36

*带磁型与不带磁型的尺寸相同 *The install size of magnetism taking type is same with the non-magnetism type.

JSCJ SERIES

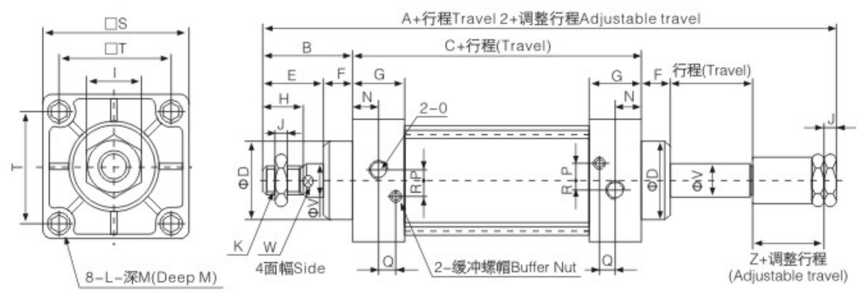


Adjustable stroke Cylinder 行程可调气缸

SPECIFICATIONS 规格

内径 Cylinder ID (mm)	32	40	50	63	80	100	125	160	200
动作型式 Action mode	复动型 Double action type								
工作介质 Operating medium	经过滤的压缩空气 Filtered impressed air								
固定型式 Fixation mode	基本型 Principle made FA型FB型CA型CB型LB型TC型TC-M型								
使用压力范围Kgt/cm² Range of pressure applied	1.5 ~ 10								
保证耐压力Kgt/cm² Guaratee pressure wih stand	15								
使用温度范围℃ Environment temp	0 ~ 70								
使用速度范围 Range of speed applied (mm/s)	30 ~ 500								
缓冲型式 Buffer mode	可调缓冲 Adjustable buffer								
缓冲行程 Buffer stroke (mm)	24				32		35		
接管口径 Adapter diameter	G1/8"	G1/4"		G3/8"		G1/2"	G1/2"	G3/4"	

JSCJ CYLINDER PRINCIPLE MODEL AND SIZE JSCJ气缸基本型及尺寸



内径/符号 ID/Mark (mm)	A	B	C	D	E	F	G	H	I	J	K	L
32	182	47	93	28	32	15	27.5	22	17	6	M10 × 1.25	M6 × 1
40	185	49	93	32	34	15	27.5	24	17	7	M12 × 1.25	M6 × 1
50	196	57	93	38	42	15	27.5	32	23	8	M16 × 1.5	M6 × 1
63	199	57	96	38	42	15	27.5	32	23	8	M16 × 1.5	M8 × 1.25
80	243	75	107	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
100	249	75	114	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
125	301	93	137	60	68	25	40	54	41	13.5	M27 × 2	M12 × 1.75
160	456	128	180	65	90	38	50	72	55	18	M36 × 2	M16 × 2
200	522	161	180	75	90	71	50	72	55	18	M36 × 2	M16 × 2

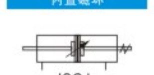
内径/符号 ID/Mark (mm)	M	N	O	P	Q	R	S	T	V	W	Z
32	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10	21
40	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14	21
50	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17	23
63	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17	23
80	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22	29
100	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22	29
125	15	20	G1/2"	–	–	90	140	110	32	27	46
160	15	25	G3/4"	–	–	90	178	140	40	36	110
200	15	25	G3/4"	–	–	90	220	174	40	36	110

*带磁型与不带磁型的安装尺寸相同 *The install size of magnetism taking type is same with the non-magnetism type.

ORDERING CODE 订购代码

JSCJ - 50 x 50 - 25 - LB

With Magnet 内置磁环



JSCJ

Bore Size 缸径

32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
80,100 125	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
160, 200	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000

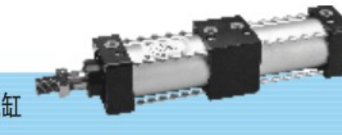
Adjustable travel 可调整行程

25	25mm
50	50mm
75	75mm

Fixation mode 固定形式

空白	
LB	
FA	
TC	适用于 ϕ40~ϕ100
TC-M	

JSCT SERIES



Multi-station double acting Cylinder 多位置复动气缸

JISP

EXAMPLE 示例

欲订购缸径为63mm，行程1为80mm，行程2为50mm，附磁，采用LB固定型式的多位置复动(拉杆式)型气缸，其正确的订购码为：JSCT–63 × 80 × 50–S–LB。

欲订购缸径为80mm，行程1为80mm，行程2为50mm，不附磁，采用LB固定型式的多位置复动型(拉杆式)气缸，其正确的订购码为：JSCT–80 × 80 × 50–LB。

If you want to buy the LB fixed multi–station reset type (tie bar type) cylinder with the diameter of 63mm, travel one of 80mm, travel two of 50mm and with magnetic that the right order number is JSCT–63 × 80 × 50 –LB. If you want to buy the LB fixed multi–station reset type (tie bar type) cylinder with the diameter of 80mm, travel one of 80mm, travel two 50mm and without magnetic theat the right order number is JSCT–80 × 80 × 50–LB.

MAIN ALLESSORIES MATERIAL 主要零件材质

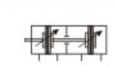
内径 ID (mm)	32	40	50	63	80	100
缸筒 Cylinder tube	铝合金 Aluminium alloy					
活塞 Piston	铝合金 Aluminium alloy					
活塞杆 Piston rod	高碳钢(镀硬铬研磨处理) High carbon steel					
前盖密封圈 Front cover seal	NBR					
活塞密封圈 Piston seal	NBR					
管壁O形圈 Pipe wall O ring	NBR					
活塞杆O形圈 Piston rob O ring	NBR					
缓冲O形圈 Buffer O ring	NBR					
防漏O形圈 Dust control O ring	NBR					
含油轴承 Oil–impregnated bearing	含油粉末冶铜 Oil–bearing					

内径 ID (mm)	32	40	50	63	80	100
前盖 Front cover	铝合金 Aluminium alloy					
后盖 Backer cover	铝合金 Aluminium alloy					
磁石 Magnetic ring	塑胶 Plastic gluey					
Lb支架 LB bearing	低碳钢 Low carbon steel					
连接座 Fastening	铝合金 Aluminium alloy					
内六角螺栓 Inside six angels screw	中碳钢 Medium carbon steel					
支柱 Coulum	低碳钢 Low carbon steel					
支柱螺帽 Coulum Nut	低碳钢 Low carbon steel					
耐磨环 Auti–friction ring	F4					
缓冲螺丝 Buffer screw	铜 Brass					

ORDERING CODE 订购代码

JSCT - 50 x 50 - 25 - LB

With Magnet 内置磁环



JSCT

Bore Size 缸径

32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

Strocke 1 行程 1

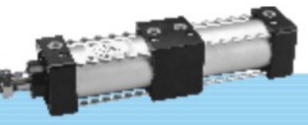
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150
80,100 125	25,50,75,100,125,150
160, 200	25,50,75,100,125,150,175,200

Strocke 2 行程 2

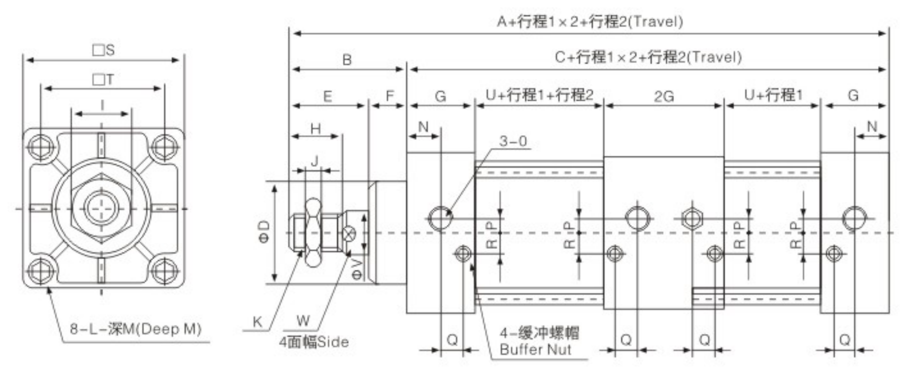
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100
80,100 125	25,50,75,100
160, 200	25,50,75,100

Fixation mode 固定形式

空白	
LB	



JSCT CYLINDER PRINCIPLE MODEL AND SIZE JSCT气缸基本型及尺寸



内径/符号ID/Mark	A	B	C	D	E	F	G	H	I	J	K	L
32	233	47	186	28	32	15	27.5	22	17	6	M10×1.25	M6×1
40	235	49	186	32	34	15	27.5	24	17	7	M12×1.25	M6×1
50	243	57	186	38	42	15	27.5	32	23	8	M16×1.5	M6×1
63	249	57	192	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25
80	289	75	214	47	54	21	33	40	26	10	M20×1.5	M10×1.5
100	303	75	228	47	54	21	33	40	26	10	M20×1.5	M10×1.5
125	367	93	274	60	68	25	40	72	41	13.5	M27×2	M12×1.75

内径/符号ID/Mark	M	N	O	P	Q	R	S	T	V	W	U
32	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10	38
40	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14	38
50	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17	38
63	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17	41
80	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22	42
100	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22	48
125	15	20	G1/2"	–	–	–	140	110	32	27	57

*带磁性与不带磁型的尺寸相同 *The install size of magnetism taking type is same with the non-magnetism type.

ACCESSORIES INSTALLING 安装附件


FA(FB)前后法兰
FA(FB) Flange


CB后端双耳环
CB Back clevis


CA后端单耳环
CB Back single clevis

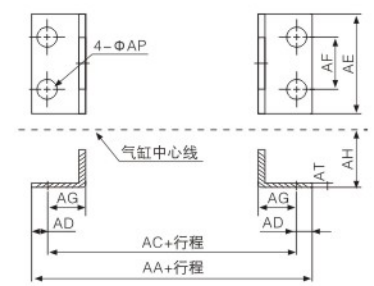

TC中间轴
TC center trunion


LB端部脚架
LB Foot

ACCESSORIES CHOOSE 附件选配

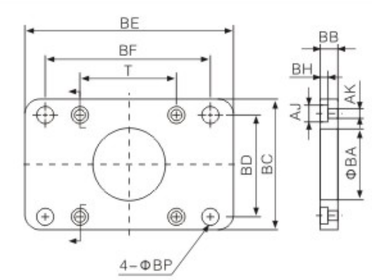
气缸型号/附件 Cylinder type/accessories	LB	FA	FB	CA	CB	TC	TC-M
SC	●	●	●	●	●	●	●
SCD	●	●	●	×	×	●	●
SCJ	●	●	●	×	×	●	●
SCT	●	●	●	×	×	●	●
SU	●	●	●	●	●	●	●
SUD	●	●	●	×	×	●	●
SUJ	●	●	●	×	×	×	×

LB TYPE DIMENSION LB型尺寸



符号/内径Mark/ID	32	40	50	63	80	100	125	160	200
AA	153	169	173	184	200	210	257	340	380
AC	134	140	149	158	168	174	225	300	320
AD	9.5	14.5	12	13	16	18	16	20	30
AE	50	57	68	80	97	112	139	180	220
AF	33	36	47	56	70	84	90	115	135
AG	20.5	23.5	28	31	30	30	44	60	70
AH	28	30	36.5	41	49	57	86	115	135
AP	9	12	12	12	14	14	16	18	22
AT	3.2	3.2	3.2	3.2	4	4	7.5	8	10

FB TYPE DIMENSION FB型尺寸



符号/内径Mark/ID	32	40	50	63	80	100	125	160	200
BA	28.3	32.3	38.3	38.3	47.3	47.3	62.5	67.5	76
BB	10	10	10	12	16	16	18.5	21	25
BC	47	52	65	76	95	115	145	187	220
BD	33	36	47	56	70	84	90	114	135
BE	72	84	104	116	143	162	217	281	320
BF	58	70	86	98	119	138	180	230	270
BH	6.5	6.5	6.5	8.5	10.5	10.5	13	16	16
AJ	10.5	10.5	13.5	13.5	16.6	16.6	20	25	25
AK	6.5	6.5	8.5	8.5	10.5	10.5	13	16.5	16.5
BP	7	7	9	9	12	12	16	18	22
T	33	37	47	56	70	84	110	140	174

ORDERING CODE 订购代码

JSC - 50 - FA

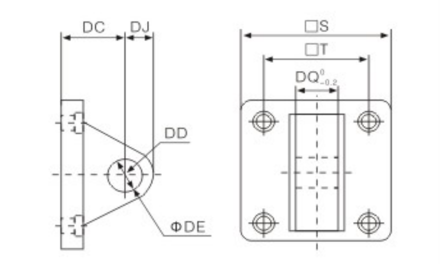
Cylinder type 气缸型号	
SC	Standard fixed type 标准复动型
SCD	Double rod fixed type 双轴复动型
SCJ	Double rod fixed adjustable type 双轴复动可调型
SCT	Multi-station reset fixed type 多位复动型

Bore Size 缸径			
32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

Accessories type 附件型号

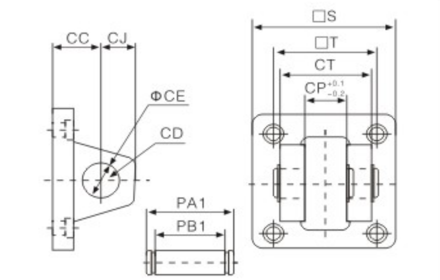
Accessories Installing 安装附件

CA TYPE DIMENSION CA型尺寸



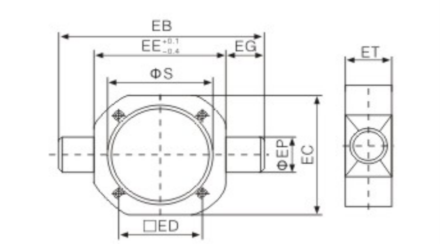
符号/内径Mark/ID	32	40	50	63	80	100	125	160	200
S	45	50	62	75	94	112	140	178	220
T	33	37	47	56	70	84	110	140	174
DC	34	34	34	34	48	48	43	55	60
DD	14	14	15	15	20	20	25	30	30
DE	12	14	14	14	20	20	25	30	30
DJ	14	14	15	15	20	20	25	30	30
DQ	16	20	20	20	32	32	70	89	110

CB TYPE DIMENSION CB型尺寸



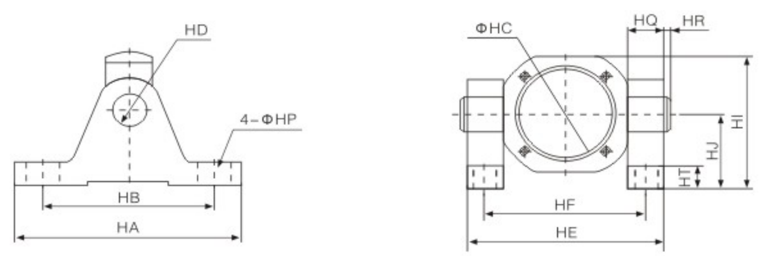
符号/内径Mark/ID	32	40	50	63	80	100	125	160	200
CC	19	19	19	19	32	32	50	55	60
CD	5	5	3	3	8	8	15	15	30
CE	12	14	14	14	20	20	25	30	30
CJ	13	13	15	15	21	21	25	28	30
CP	16.3	20.3	20.3	20.3	32.3	32.3	71	90	90
CT	32	44	52	52	64	64	121	166	166
PA1	41	51.8	60.3	60.3	73.8	73.8	133	186	186
PB1	33.5	45.5	54	54	65.5	65.5	123	168	168
S	48	50	62	75	94	112	140	178	220
T	33	37	47	56	70	84	110	140	174

TC TYPE DIMENSION TC型尺寸



符号/内径Mark/ID	EB	EC	ED	EE	EG	EP	ET	S
40	113	63	37	63	25	25	30	45.5
50	126	76	47	76	25	25	30	55.5
63	138	88	56	88	25	25	30	68.5
80	164	114	70	114	25	25	35	87.5
100	182	132	84	132	25	25	40	107.5
125	210	155	110	155	30	30	40	134
160	272	204	140	208	32	36	50	172

TC-M TYPE DIMENSION TC–M型尺寸



符号/内径Mark/ID	HA	HB	HC	HD	HE	HF	HI	HJ	HQ	HR	HT	HP
40	110	80	45.5	25	109	86	81.5	50	23	2	12	12
50	110	80	55.5	25	122	99	88	50	23	2	12	12
63	110	80	69.5	25	134	111	94	50	23	2	12	12
80	120	80	87.5	25	160	137	127	70	23	2	14	14
100	120	80	107.5	25	178	155	136	70	23	2	14	14
125	147	110	134	30	221	191	157	80	30	3	27	14

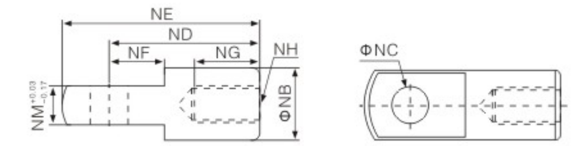
Accessories connection 联接附件

ACCESSORIES CHOOSE 附件选配

接头/气缸Joint/Cylinder	SU系列 Series	SUD系列 Series	SUJ系列 Series	SC系列 Series	SCD系列 Series	SCJ系列 Series	SCT系列 Series
Y接头Joint	●	●	●	●	●	●	●
I接头Joint	●	●	●	●	●	●	●

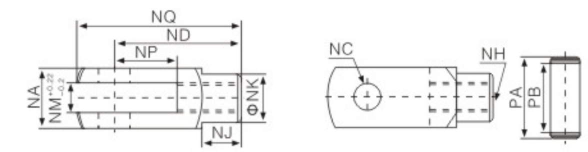
I JOINT DIMENSION I接头尺寸

I：I接头Joint



Y JOINT DIMENSION Y接头尺寸

Y：Y接头Joint



内径/符号ID/Mark	NA	NB	NC	ND	NE	NF	NG	NH	NJ	NK	NM	NP	NQ	PA	PB
32	19	20	10	40	52	15	20	M10×1.25	12	18	10	20	52	25	19.5
40	25.4	24	12	48	67	24	20	M12×1.25	20	23	12	24	62	32.8	26.5
50	32	32	16	64	89	32	23	M16×1.5	22	30	16	32	83	39.3	33
63	32	32	16	64	89	32	23	M16×1.5	22	30	16	32	83	39.3	33
80	44.4	40	20	80	112	40	30	M20×1.5	30	39	20	40	105	53.3	45
100	44.4	40	20	80	112	40	30	M20×1.5	30	39	20	40	105	53.3	45
125	61	48	25	100	123	51	45	M27×2	32	40	30	40	121	71	63
160	78	62	30	127	135	47	48	M36×2	40	53	40	40	152	88	80
200	78	62	30	127	135	47	48	M36×2	40	53	40	40	152	88	80

ORDERING CODE 订购代码

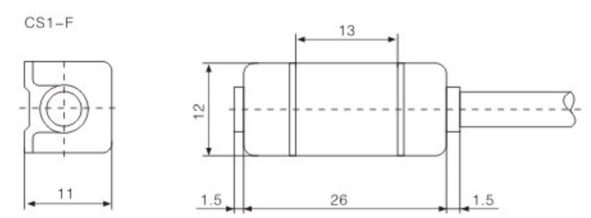
JSC - 50 - Y

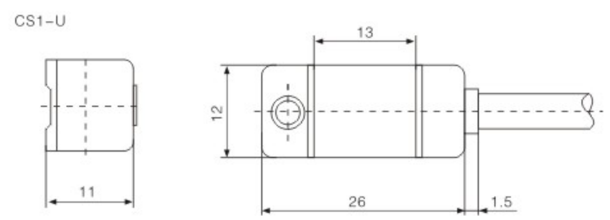
Cylinder type 缸径型号	
SC	Standard fixed type 标准复动型
SCD	Double rod fixed type 双轴复动型
SCJ	Double rod fixed adjustable type 双轴复动可调型
SCT	Multi-station reset fixed type 多位复动型

Bore Size 缸径			
32	Φ32	100	Φ100
40	Φ40	125	Φ125
50	Φ50	160	Φ160
63	Φ63	200	Φ200
80	Φ80		

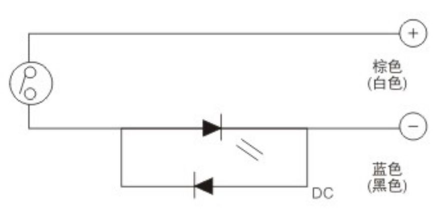
Joint type 接头型号		
I	Joint I接头	Material:Low carbon steel 材质：低碳钢
Y	Joint Y接头	Material:Low carbon steel 材质：低碳钢

CORRELATION DIMENSION 相应尺寸





WIRING COIL 接线圈



EXAMPLE 示例

欲订购与标准气缸(拉杆式)配套，型式为向上型的磁感应开关，其正确的订购码代号为：CS1-U。

欲订购与缸径为 63mm 的标准气缸(拉杆式)配套的磁感应开关固定支架，其正确的订购码代号为：SH-63。

If you want to buy standard cylinder (tie bar type) with the style of up-mode magnetic respond switch that the right order number is CU-U.

If you want to buy the magnetic respond switch fixed support that match to the standard cylinder (tie bar type) with the diameter of 63mm that the right order number is SH-63.

ACCESSORIES CHOOSE 附件选配

感应开关型式 Induction switch style	使用电压范围 Applied voltage range	使用电流范围 Applied current range	反应时间 Reaction time	抗冲时间 Repel time	耐震程序 Endurable shock level	使用温度范围 Applied temp range	保证等级 Guarantee level	指示灯 Display lamp	电线长度 Electric wire length	寿命 Life
CS1-F CS1-U	DC:5V~24V AC:5V~380V	DC:5~60mA AC:5~50mA	最大Max 1ms	300m/s² (30G)	10~55Hz	0~60℃	IP-67	LED	2M	至少500万次

ORDERING CODE 订购代码

CS1 - U

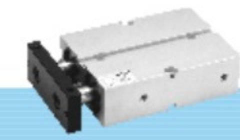
Type 型号	
CSI	Have cylinder 气缸用
	Magnetic propecty switch 磁性开关

Type 型式	
F	Front type 向前型
U	Ascendent type 向上型

SH - 40

Type 型号	
CSI	Have cylinder 气缸用
	Magnetic propecty switch 磁性开关

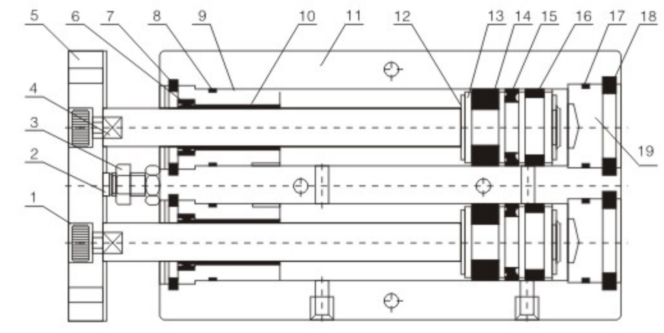
Cylinder ID 气缸内径
32:32mm
40:40mm
50:50mm
63:63mm
80:80mm
100:100:mm



MAIN ACCESSORIES MATERIAL 主要零件材质

内径	ID	10	16	20	25	32
缸筒	Cylinder tube	铝合金		Alumium alloy		
活塞	Piston	铝合金		Alumium alloy		
活塞杆	Piston rod	高碳钢(镀硬铬研磨处理)		High carbon steel		
前盖密封圈	Front cover joint ring	NBR		NBR		
活塞O形圈	Piston O ring	NBR		NBR		
前后盖O形圈	Front back cover O ring	NBR		NBR		
缓冲垫片	Blotter mode	PU		PU		
活塞杆O形圈	Piston rod O ring	NBR		NBR		
前板	Front panel	快削铁		Fe		
缓冲螺丝	Blotter screw	铜		Cu		
C型扣环	C type	弹簧钢		spring steel		
前盖	Front cover	铝合金		Alumium alloy		
后盖	Back cover	铝合金		Alumium alloy		
磁铁	Magnetic ring	塑胶		Plastic		

INNER STRUCTURE 内部结构



序号 No	名称	Name	序号 No	名称	Name
1	内六角螺栓	Inside six angels screw	2	缓冲垫片	Buffer piece
3	调整螺丝	Adjust screw	4	轴心	Shaft core
5	前板	Front panel	6	前盖迫紧	Front cover
7	C形扣环	Pipe uall O ring	8	前盖O令	Front cover O ring
9	前盖	Front cover	10	轴心轴承	Shaft core bearing
11	缸筒	Cylinder tube	12	缓冲垫片	Buffer piece
13	活塞	Piston	14	磁铁	Magnet
15	活塞O令	Piston O ring	16	耐磨环	Anti-friction ring
17	后盖O令	Back cover O ring	18	C型扣环	Pipe uall O ring
19	后盖	Back cover			

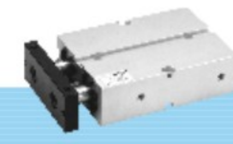
ORDERING CODE 订购代码

JT D N - 20 x 50

Magnet 磁环	
Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径	
10	Φ10
16	Φ16
20	Φ20
25	Φ25
32	Φ32

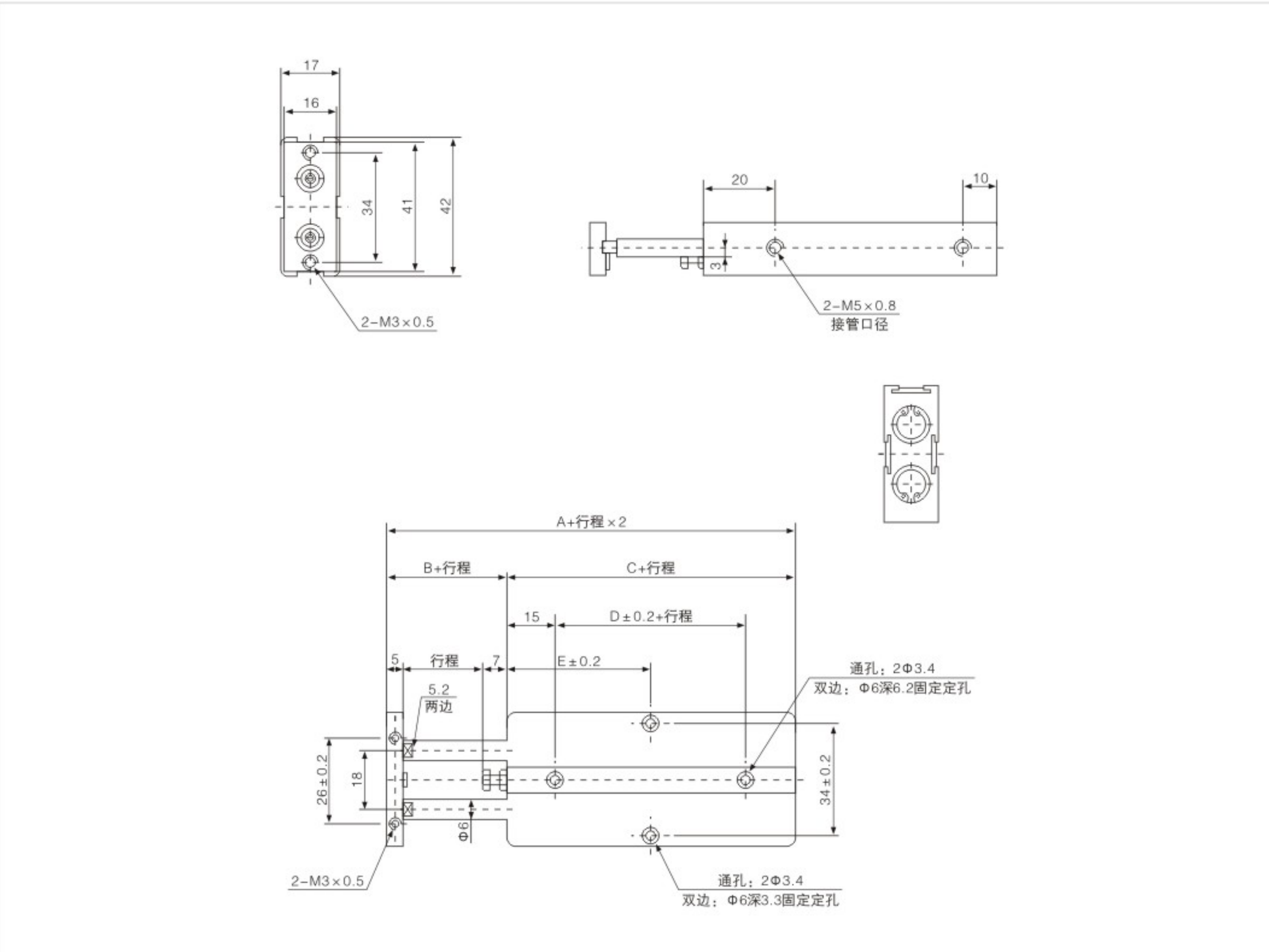
Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
10	10,20,30,40,50
16,20	10,20,30,40,50,60,70,75,100
25,32	10,20,30,40,50,60,70,75,100,125,150



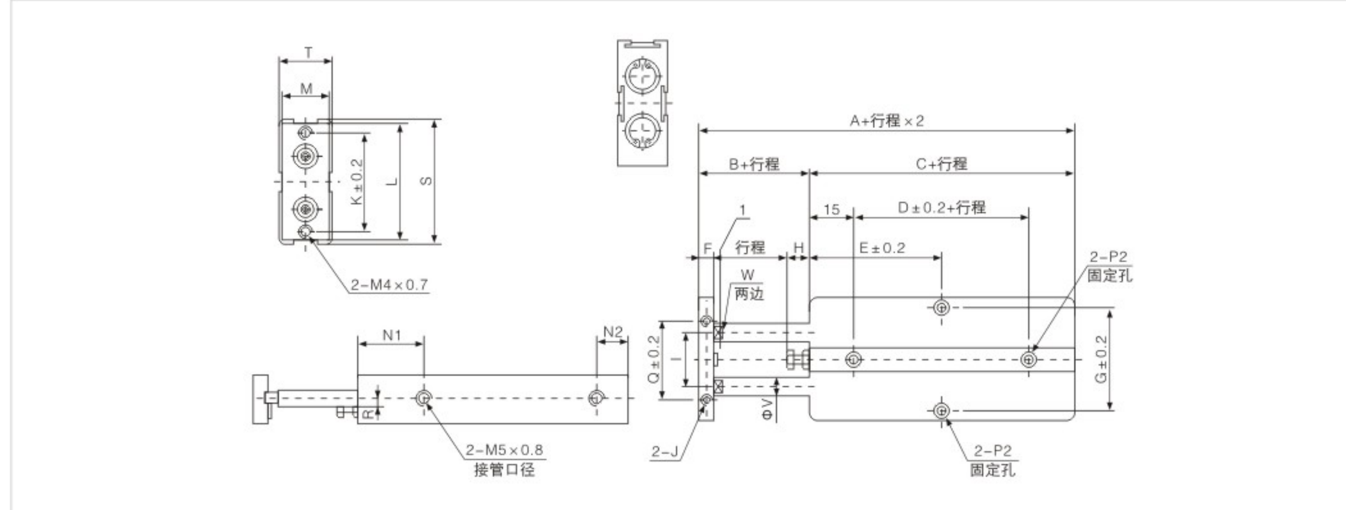
STANDARD TRAVEL 标准行程

内径ID (mm)	标准行程 Standard travel												最大行程 Max.stroke	容许行程 Permitted stroke
10	10	20	30	40	50	60	70						70	100
16	10	20	30	40	50	60	70	80	90	100	125	150	150	200
20	10	20	30	40	50	60	70	80	90	100	125	150	150	200
25	10	20	30	40	50	60	70	80	90	100	125	150	150	200
32	10	20	30	40	50	60	70	80	90	100	125	150	150	200

INSTALLING SIZE 安装尺寸

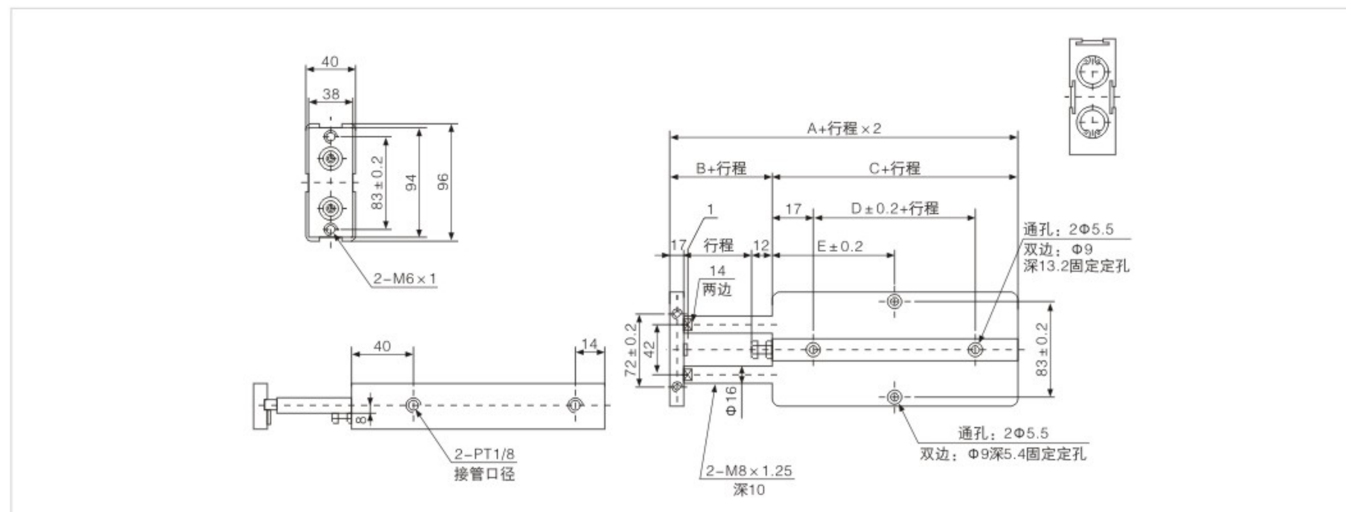


符号 Mark	A	B	C	D	E						
内径/符号ID/Mark					10	20	30	40	50	60	70
10	58	12	46	10	30	30	35	40	45	50	55

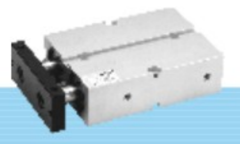


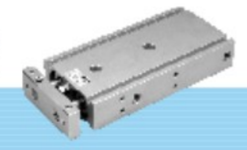
符号 Mark	A	B	C	D	E												F	G	H	I
内径/符号ID/Mark					10	20	30	40	50	60	70	80	90	100	125	150				
16	68	15	53	20	30	35	40	45	50	55	60	65	70	75	87.5	100	8	47	6	24
20	78	20	58	20	35	35	40	45	50	55	60	65	70	75	87.5	100	10	55	9	28
25	81	19	62	30	40	40	45	50	55	60	65	70	75	80	92.5	105	10	66	8	34

内径/符号ID/Mark	J	K	L	M	N1	N2	P1	P2	Q	R	S	T	V	W
16	M4×0.7深5	47	53	20	22	10	双边:ϕ7.5深7.2mm，通孔:ϕ4.5	双边:ϕ8深4.4mm，通孔:ϕ4.5	34	4	54	21	8	6.2
20	M4×0.7深5	55	61	24	25	12	双边:ϕ7.5深7.2mm，通孔:ϕ4.5	双边:ϕ8深4.4mm，通孔:ϕ4.5	44	6	62	25	10	8.2
25	M5×0.8深6	56	72	29	30	12	双边:ϕ7.5深7.2mm，通孔:ϕ4.5	双边:ϕ8深4.4mm，通孔:ϕ4.5	56	7	73	30	12	10.2

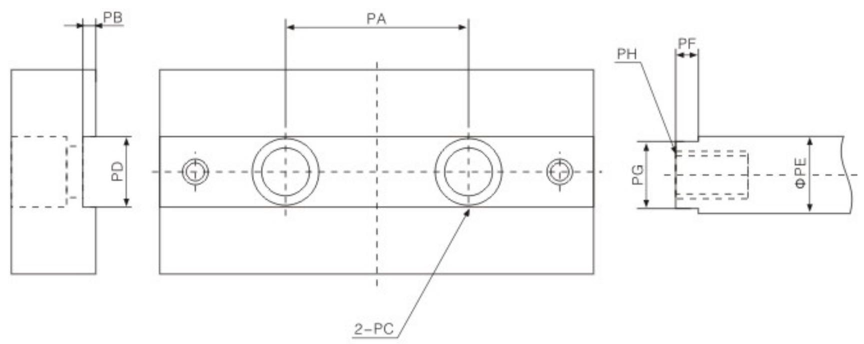


符号 Mark	A	B	C	D	E											
内径/符号ID/Mark					10	20	30	40	50	60	70	80	90	100	125	150
32	108	30	78	35	45	50	55	60	65	70	75	80	85	90	102.5	115



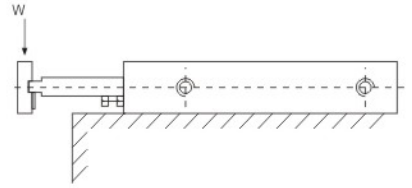


FRONT PANEL SIZE 前板尺寸



内径/符号ID/Mark	PA	PB	PC	PD	PE	PF	PG	PH
10	18	0.5	ф6.2深3.5mm，通孔:ф3.5	5.2	6	3	5.2	M3×0.5深5mm
16	24	1	ф7.8深4.6mm，通孔:ф4.5	6.2	8	3	6.2	M4×0.7深6mm
20	28	1	ф11深6.8mm，通孔:ф6.5	8.2	10	3	8.2	M6×1深8mm
25	34	1	ф11深6.8mm，通孔:ф6.5	10.2	12	3	10.2	M6×1深8mm
32	42	2	ф17深11mm，通孔:ф10.5	14	16	3	14	M10×1.5深14mm

PERMIT LATERAD LOADING 容许侧向负载



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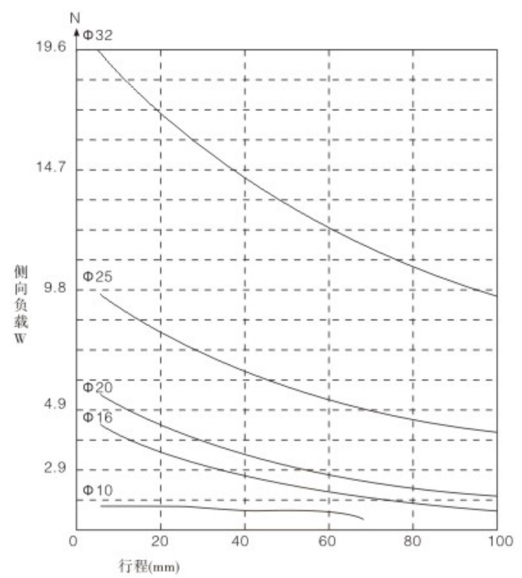


SPECIFICATIONS 规格

缸径Bore Size(mm)		6	10	15	20	25	32
流体Fluid		空气 Air					
动作型式Operating Type		双动 Double acting					
保证耐压力MPa(kgf/cm²)Guaranteed compression resistance		1.05(10.7)					
最高使用压力MPa(kgf/cm²)Max.Operating Pressure		0.7(7.1)					
最低使用压力MPa(kgf/cm²)Minimum use Pressure		0.15(1.5)	0.1(1.0)		0.05(0.51)		
环境和流体温度Ambient&Fluid Temp.		5~60℃					
缓冲Cushion		两端橡胶缓冲 Two-end rubber buffer					
结构Structure		双气缸(2倍出力)Dual cylinder (two-time force output)					
*润滑Lubrication		不需要 Non-lube					
行程调校范围Strobe Length Tolerance		缩回行程Retraction stroke 0~5mm					
轴承Bearing		滑动轴承/滚珠导向轴承Sliding bearing/Ball pilot bearing					
活塞杆不转动精度 Non-rotation accuracy of piston rod	滑动轴承 Sliding bearing	±0.1	±0.15	±0.13	±0.11	±0.1	±0.08
	滚珠导向轴承 Ball pilot bearing	±0.1	±0.1	±0.07	±0.06	±0.05	±0.04
接管口径Rc(PT)Pipe caliber		M5x0.8				1/8	

*如需要润滑，请用透平1号油ISOVG32。*If needing the lubrication, please use the turbine oil (1) ISOVG32

ORDERING EXAMPLE 订货举例

1)所需缸径：15，行程：30，滚珠导向轴承，正确型号：JCXSL15-30 1).Demanded cylinder dia.: 15, stroke: 30, ball pilot bearing, correct model: JCXSL15-30

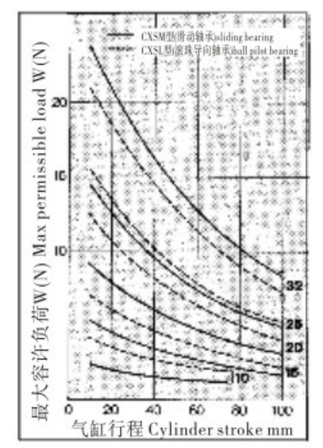
2)所需缸径：32，行程：100，滑动轴承，正确型号：JCXSM32-100 2).Demanded cylinder dia.: 32, stroke: 100, ball pilot bearing, correct model: JCXSM32-100

STROKE/MAGNETIC SWITCH SELECTION 行程/磁性开关选择

缸径Bore Size(mm)	标准行程 Standard stroke	坑道安装型 Trench-installation type 磁性开关 Magnetic switch
6	10,20,30,40,50	D-Z73L D-Z76L D-Z80L D-Y59AL D-Y59BL
10	10,15,20,25,30,35,40,45,50,60,70,75	
15	10,15,20,25,30,35,40,45,50,60,70,75,80,90,100	
20		
25		
32		

注）磁性开关规格及特性可参阅磁性开关之系列。
Note) Refer to the details of magnetic switch series about the specification and characteristics of magnetic switch.

缸径Bore Size：ф10~ф32mm适用Apply



最大容许负荷 Max permissible load

在下图所示的安装固定型式，气缸所受最大容许负荷最低于下表所列
As for the installation type shown as the following diagram, the max permissible load borne by cylinder is lower than that shown in the following table.

缸径6适用 Cylinder diameter 6 applicable (N)

型号 Type	行程Stroke(mm) 10	20	30	40	50
JCXSM6	0.80	0.66	0.54	0.46	0.40
JCXSL6	1.08	0.88	0.69	0.59	0.49

ORDERING CODE 订购代码

JCXS - M x 20 - 50

Dual-cylinder (dual-action type) 双缸气缸(复动型)

Bearing type 轴承种类

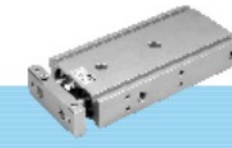
M	Sliding bearing 滑动轴承
L	Ball pilot bearing 滚珠导向轴承

Bore Size 缸径

10	Φ10
16	Φ16
20	Φ20
25	Φ25
32	Φ32

Strocke 行程

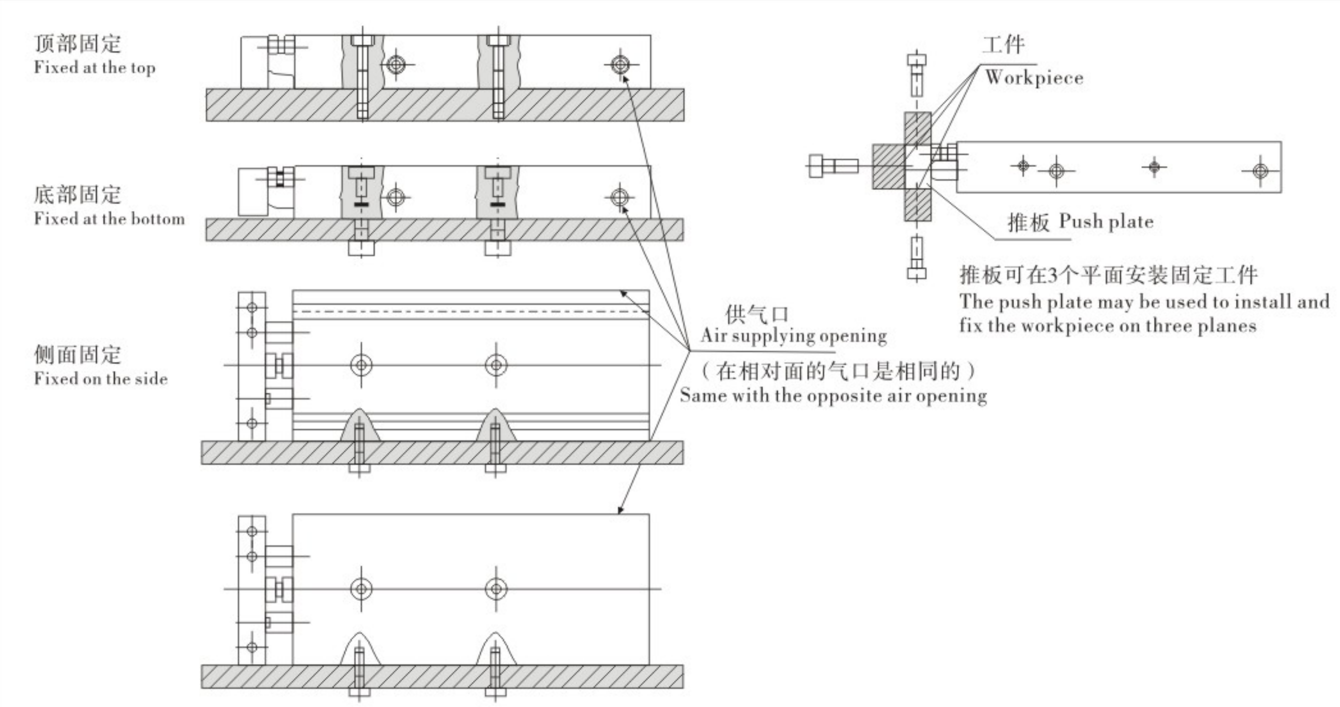
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
10	10,20,30,40,50
16,20	10,20,30,40,50,60,70,75,100
25,32	10,20,30,40,50,60,70,75,100,125,150



JISP

缸身可以用螺钉作4种方向固定及可选择供气口位置

THE CYLINDER BODY MAY BE FIXED TOWARD FOUR DIRECTIONS WITH THE SCREWS AND ITS AIR SUPPLYING OPENING POSITION MAY BE SELECTED.



THEORETICAL FORCE OUTPUT LIST 理论出力表

(N)

型号 Type	活塞杆直径 Dia. of piston rod (mm)	动作方向 Action direction	活塞受压面积 Compression area of piston (mm^2)	使用压力Applicable pressure(MPa) 0.1	0.2	0.3	0.4	0.5	0.6	0.7
JCXS□6	4	伸出Extrusion	56	*8.4	11.2	16.8	22.1	28.0	33.6	39.2
		伸回Retraction	31	*4.6	6.2	9.3	12.4	15.5	18.6	21.7
JCXS□10	6	伸出Extrusion	157	15.7	31.4	47.1	62.8	78.5	94.2	110
		伸回Retraction	100	10.0	20.0	30.0	40.0	50.0	60.0	70.0
JCXS□15	8	伸出Extrusion	353	35.3	70.6	106	141	177	212	247
		伸回Retraction	252	25.2	50.4	75.6	101	126	151	176
JCXS□20	10	伸出Extrusion	628	62.8	126	188	251	314	377	440
		伸回Retraction	471	47.1	94.2	141	188	236	283	330
JCXS□25	12	伸出Extrusion	982	98.2	196	295	393	491	589	687
		伸回Retraction	756	75.6	151	227	302	378	454	529
JCXS□32	16	伸出Extrusion	1608	161	322	482	643	804	965	1126
		伸回Retraction	1206	121	241	362	482	603	724	844

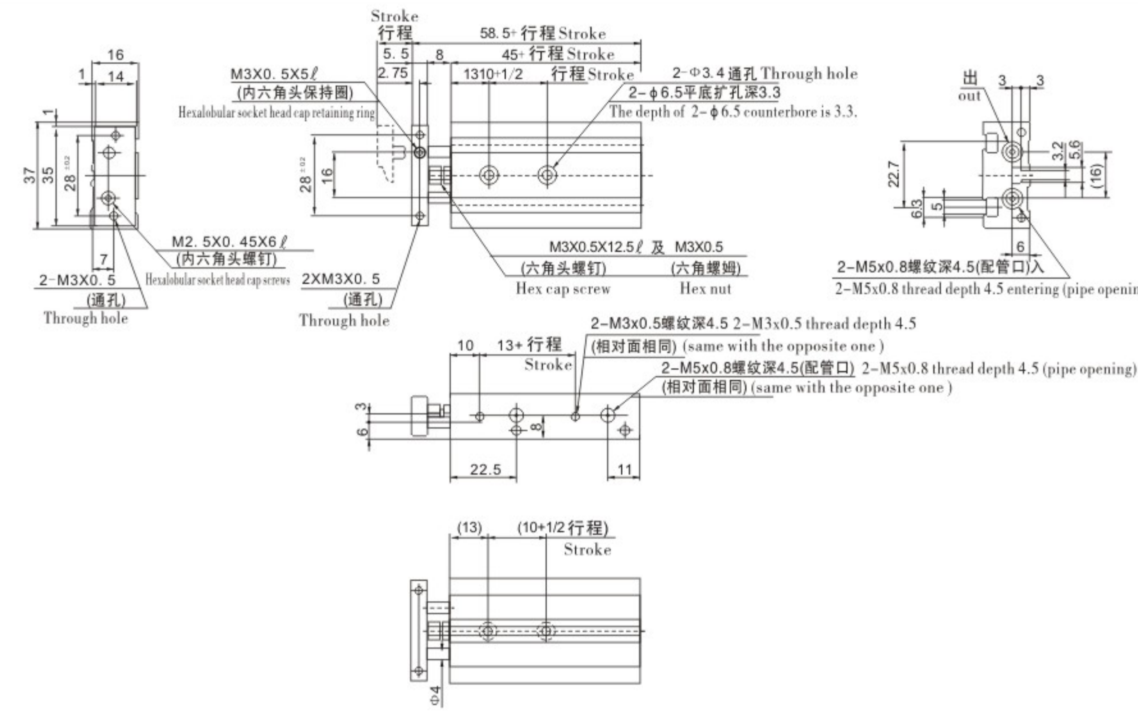
*在0.15MPa压下情况下 At 0.15MP

WEIGHT LIST 重量表

(kg)

型号Type	行程Stroke(mm) 10	15	20	25	30	35	40	45	50	60	70	75	80	90	100
JCXS□6	0.081	–	0.095	–	0.108	–	0.122	–	0.135	–	–	–	–	–	–
JCXSM10	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.25	0.27	0.28	–	–	–
JCXSL10	0.16	0.165	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.25	0.27	0.28	–	–	–
JCXSM15	0.25	0.265	0.28	0.29	0.30	0.315	0.33	0.345	0.36	0.39	0.42	0.435	0.45	0.48	0.51
JCXSL15	0.27	0.285	0.30	0.31	0.32	0.335	0.35	0.365	0.38	0.41	0.44	0.455	0.47	0.50	0.53
JCXSM20	0.40	0.42	0.44	0.46	0.48	0.495	0.51	0.53	0.55	0.585	0.62	0.64	0.66	0.70	0.74
JCXSL20	0.43	0.445	0.46	0.48	0.50	0.515	0.53	0.55	0.57	0.605	0.64	0.66	0.68	0.715	0.75
JCXSM25	0.61	0.635	0.66	0.69	0.72	0.745	0.77	0.80	0.83	0.89	0.95	0.97	0.995	1.06	1.10
JCXSL25	0.62	0.645	0.67	0.70	0.73	0.755	0.78	0.81	0.84	0.895	0.955	0.98	1.005	1.065	1.11
JCXSM32	1.15	1.19	1.23	1.275	1.32	1.36	1.40	1.45	1.49	1.58	1.665	1.71	1.755	1.84	1.93
JCXSL32	1.16	1.205	1.25	1.295	1.34	1.38	1.42	1.465	1.51	1.595	1.68	1.72	1.765	1.855	1.94

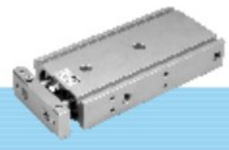
DIMENSIONS JCXS□6外形尺寸图



(mm)

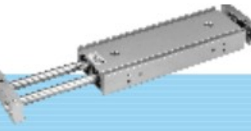
型号Type	行程 Stroke	10+1/2行程Stroke	13+行程Stroke	45+行程Stroke	58.5+行程Stroke
JCXS□6-10	10	15	23	55	68.5
JCXS□6-20	20	20	33	65	78.5
JCXS□6-30	30	25	43	75	88.5
JCXS□6-40	40	30	53	85	98.5
JCXS□6-50	50	35	63	95	108.5

JCXS SERIES



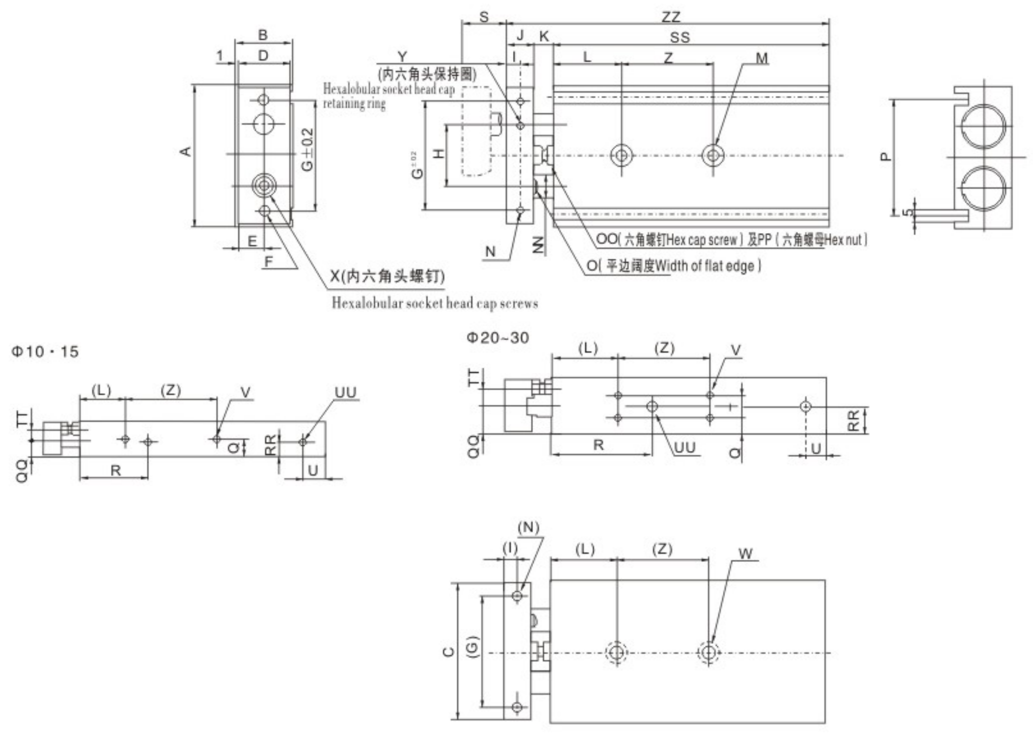
Dual cylinder 双缸气缸

JCXSW SERIES



Through-rod dual cylinder 通杆型双缸气缸

DIMENSIONS JCXS□10 · 15 · 20 · 25 · 32外形尺寸图



型号Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	NN	O	OO	P	PP	Q	QQ	R	RR	S	SS	T	TT	U	UU	V	W	X	Y	Z	ZZ
JCXS○10-10	46	17	44	15	7.5	2-M4 X0.7 (通孔) Through hole	35	20	4	8	9	20	2-Φ3.4 通孔 2-Φ6.5 凹坑深度 Depth of concave dent 3.3	2-M3 X0.5 螺纹深度 Depth of thread 5	Ø6	5	M4×0.7×14.5L	33.6	M4×0.7	8.5	7	30	7	10	65	–	5	8	4-M5 X0.8 螺纹深度 4.5 (按气口)(相对面相同)	4-M3 X0.5 螺纹深度 4.5 (相对面相同)	2-M4 X0.7 螺纹深度 7	M3×0.5×10L	M3×0.5×5L	30	82
JCXS○10-20																								20	75										92
JCXS○10-30																								30	85									40	102
JCXS○10-40																								40	95										112
JCXS○10-50																								50	105										122
JCXS○15-10	58	20	56	18	9	2-M5 X0.8 (通孔) Through hole	45	25	5	10	9	30	2-Φ4.3 通孔 2-Φ8 凹坑深度 Depth of concave dent 4.4	2-M4 X0.7 螺纹深度 Depth of thread 6	Ø8	6	M4×0.7×14.5L	48	M4×0.7	10	10	38.5	10	10	70	–	5	8	4-M5 X0.8 螺纹深度 4.5 (按气口)(相对面相同)	4-M4 X0.7 螺纹深度 5 (相对面相同)	2-M5 X0.8 螺纹深度 8	M5×0.8×10L	M4×0.7×4L	25	89
JCXS○15-20																								20	80										99
JCXS○15-30																								30	90									35	109
JCXS○15-40																								40	100										119
JCXS○15-50																								50	110										129
JCXS○20-10	64	25	62	23	11.5	2-M5 X0.8 (通孔) Through hole	50	28	6	12	12	30	2-Φ5.5 通孔 2-Φ9.5 凹坑深度 Depth of concave dent 5.3	2-M4 X0.7 螺纹深度 Depth of thread 6	Ø10	8	M6×1.0×18.5L	53	M6×1.0	7.75	12.5	45	7.75	10	80	9.5	6.5	8	4-M5 X0.8 螺纹深度 4.5 (按气口)(相对面相同)	8-M4 X0.7 螺纹深度 6 (相对面相同)	2-M6 X1.0 螺纹深度 10	M6×1.0×12L	M5×0.8×5L	30	104
JCXS○20-20																								20	90										114
JCXS○20-30																								30	100									40	124
JCXS○20-40																								40	110										134
JCXS○20-50																								50	120										144
JCXS○20-75																								75	145									60	169
JCXS○20-100																								100	170										194
JCXS○25-10	80	30	78	28	14	2-M6 X1.0 (通孔) Through hole	60	35	6	12	12	30	2-Φ6.9 通孔 2-Φ11 凹坑深度 Depth of concave dent 6.3	2-M5 X0.8 螺纹深度 Depth of thread 7.5	Ø12	10	M6×1.0×18.5L	64	M6×1.0	8.5	15	46	15	10	82	13	9	9	4-1/8 螺纹深度 6.5 (按气口)(相对面相同)	8-M5 X0.8 螺纹深度 7.5 (相对面相同)	2-M8 X1.25 螺纹深度 12	M6×1.0×14L	M6×1.0×5L	30	106
JCXS○25-20																								20	92										116
JCXS○25-30																								30	102									40	126
JCXS○25-40																								40	112										136
JCXS○25-50																								50	122										146
JCXS○25-75																								75	147									60	171
JCXS○25-100																								100	172										196
JCXS○32-10	98	38	96	36	18	2-M6 X1.0 (通孔) Through hole	75	44	8	16	14	30	2-Φ6.9 通孔 2-Φ11 凹坑深度 Depth of concave dent 6.3	2-M5 X0.8 螺纹深度 Depth of thread 8	Ø16	13	M8×1.25×23L	76	M8×1.25	9	19	56	19	10	92	20	11.5	10	4-1/8 螺纹深度 6.5 (按气口)(相对面相同)	8-M5 X0.8 螺纹深度 7.5 (相对面相同)	2-M8 X1.25 螺纹深度 12	M8×1.25×16L	M8×1.25×8L	40	122
JCXS○32-20																								20	102										132
JCXS○32-30																								30	112									50	142
JCXS○32-40																								40	122										152
JCXS○32-50																								50	132										162
JCXS○32-75																								75	157									70	187
JCXS○32-100																								100	182										212

SPECIFICATIONS 规格

缸径 Bore Size(mm)	6	10	15	20	25	32
流体Fluid	空气 Air					
动作型式 Operating Type	双动 Double acting					
保证耐压力MPa(kgf/cm²)Guaranteed compression resistance	1.05(10.7)					
最高使用压力MPa(kgf/cm²)Max.Operating Pressure	0.7(7.1)					
最低使用压力MPa(kgf/cm²)Minimum use pressure	0.15(1.5)			0.1(1.0)		
环境和流体温度 Ambient&Fluid Temp.	-10~+60℃					
缓冲 Cushion	两端橡胶缓冲 Two-end rubber buffer					
结构Structure	双气缸(2倍出力)Dual cylinder (two-time force output)					
*润滑 Lubrication	不需要 Non-lube					
行程调校范围 Strobe Length Tolerance	0~-10mm					
轴承Bearing	滑动轴承/滚珠导向轴承Sliding bearing/Ball pilot bearing					
接管口径Rc(PT)Pipe caliber	M5x0.8				Rc(PT)1/8	

*如需要润滑，请用透平1号油ISOVG32。*If needing the lubrication, please use the turbine oil (1) ISOVG32

FEATURES 特征

最大容许负载比JCXS系列大2~3倍 Its max permissible load ratio is 2-3 times larger than that of JCXS series

双气缸设计，2倍出力 Dual-cylinder design, 2 times of force output

不摇转精度高 High non-rotation accuracy

侧面负载抵抗力强 Strong resistance of side load

标准带调行程装置：0~-10mm Standard type with stroke adjusting device ; 0~-10mm

ORDERING EXAMPLE 订货举例

1)所需缸径：15，行程：30，滚珠导向轴承，正确型号：JCXSWL15-30

2)所需缸径：32，行程：200，滑动轴承，正确型号：JCXSWM32-200-XB11

1).Demanded cylinder dia.: 15, stroke: 30, ball pilot bearing, correct model: JCXSL15-30

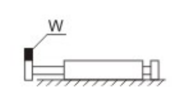
2).Demanded cylinder dia.: 32, stroke: 100, ball pilot bearing, correct model: JCXSM32-100

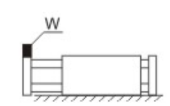
STROKE/MAGNETIC SWITCH SELECTION 行程/磁性开关选择

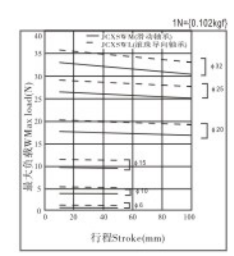
缸径(mm) Bore Size	标准行程(mm) Standard stroke	长行程Long stroke (mm) [-XB11]	注) 磁性开关 Magnetic switch (坑道安装型) Trench-installation
6	10,20,30,40,50	–	D-Z73L D-Z76L D-Z80L D-Y59AL D-Y59BL
10	10,20,30,40,50	75,100,125,150	
15			
20	10,20,30,40,50,75,100	125,150,175,200	
25			
32			

注）磁性开关规格及特性可参阅磁性开关之系列。
Note) Refer to the details of magnetic switch series about the specification and characteristics of magnetic switch.

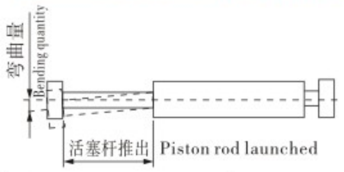
MAX PERMISSIBLE LOAD 最大容许负载







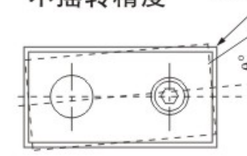
EXTREME LOAD 极端负载量



缸径Bore Size(mm)	6~32
JCXSWM(滑动轴承)	±0.03mm
JCXSWL(滚动导向轴承)	

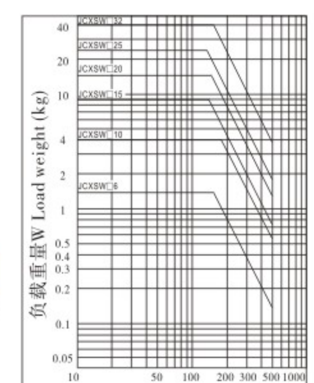
NON-ROTATION ACCURACY

不摇转精度



缸径Broe Size(mm)	6~32
JCXSWM(滑动轴承) Sliding bearing	±0.1°
JCXSWL(滚动导向轴承) Ball pilot bearing	

ALLOW KINETIC ENERGY 容许动能



ORDERING CODE 订购代码

JCXSW - M x 20 - 50 - □

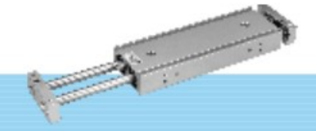
Dual-rod cylinder (dual-action type) 双杆气缸(复动型)

Bearing type 轴承种类	
M	Sliding bearing 滑动轴承
L	Ball pilot bearing 滚珠导向轴承

Bore Size 缸径	
10	Φ10
16	Φ16
20	Φ20
25	Φ25
32	Φ32

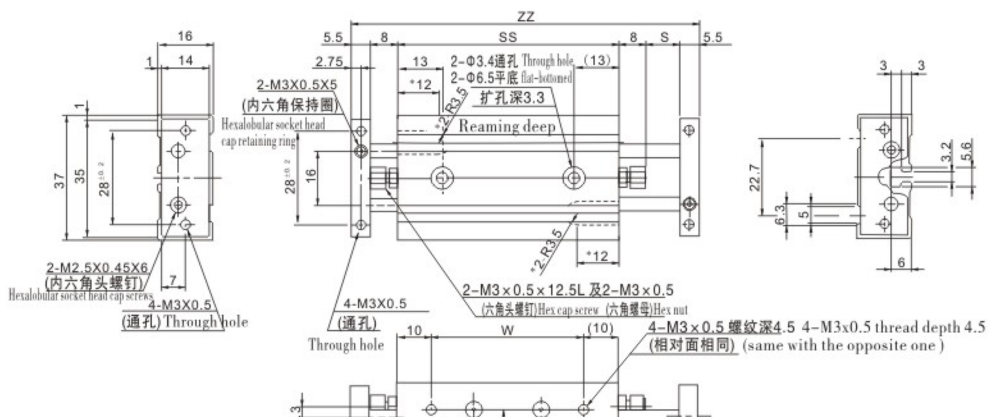
Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
10,16	25,50,75,100
20,25 32	25,50,75,100,125,150

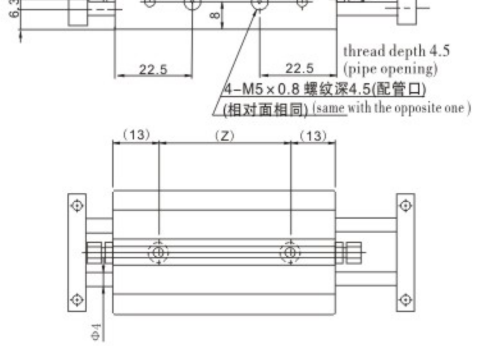
Long-stroke code 长行程代号	
无标记	Standard stroke 标准行程
XB11	Long stroke 长行程



JISP

JCXSW□6 DIMENSIONS JCXSW□6外形尺寸图





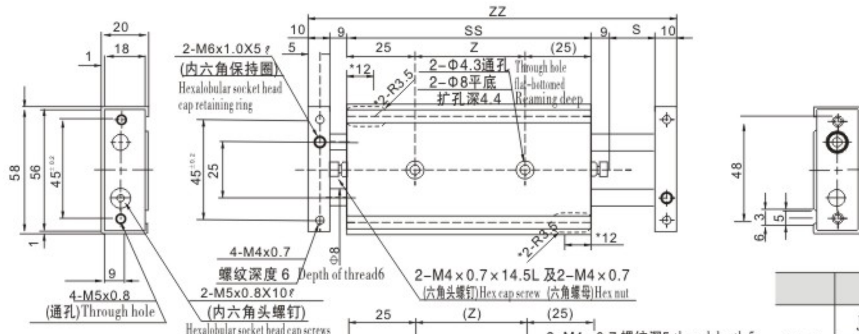
(mm)

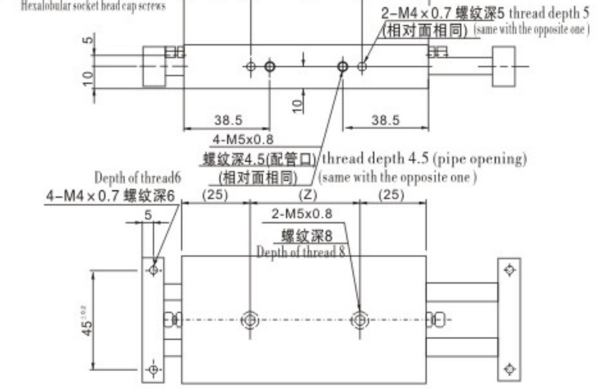
型号 Type	S	SS	ZZ	Z	W
JCXSW□6-10	10	66	103	40	46
JCXSW□6-20	20	76	123	50	56
JCXSW□6-30	30	86	143	60	66
JCXSW□6-40	40	96	163	70	76
JCXSW□6-50	50	106	183	80	86

为了安装JCXSW□6-10及JCXSW□6-20这两种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分(有标*部的尺寸)

To install the magnetic switch of JCXSW□6-10 and JCXSW□6-20 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JCXSW□15 DIMENSIONS JCXSW□15外形尺寸图





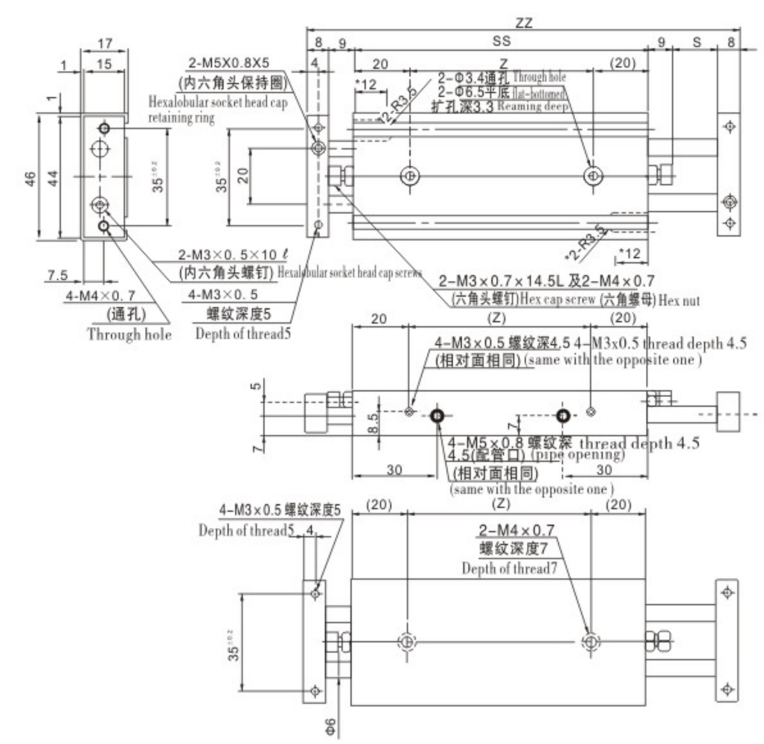
(mm)

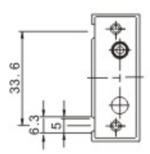
	型号 Type	S	SS	ZZ	Z
标准行程 Standard stroke	JCXSW□15-10	10	105	153	55
	JCXSW□15-20	20	115	173	65
	JCXSW□15-30	30	125	193	75
	JCXSW□15-40	40	135	213	85
	JCXSW□15-50	50	145	233	95
长行程 Long stroke (-XB11)	JCXSW□15-75	75	170	283	120
	JCXSW□15-100	100	195	333	145
	JCXSW□15-125	125	220	383	170
	JCXSW□15-150	150	245	433	195

为了安装JCXSW□15-10及JCXSW□15-20这两种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分。(有标*部的尺寸)

To install the magnetic switch of JCXSW□15-10 and JCXSW□15-20 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JCXSW□10 DIMENSIONS JCXSW□10外形尺寸图





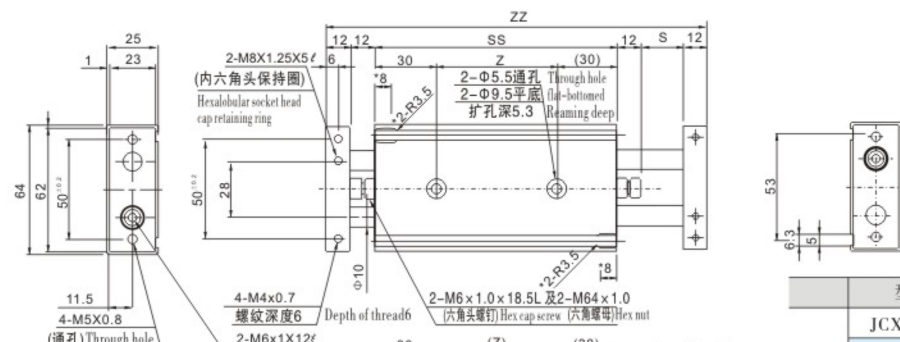
(mm)

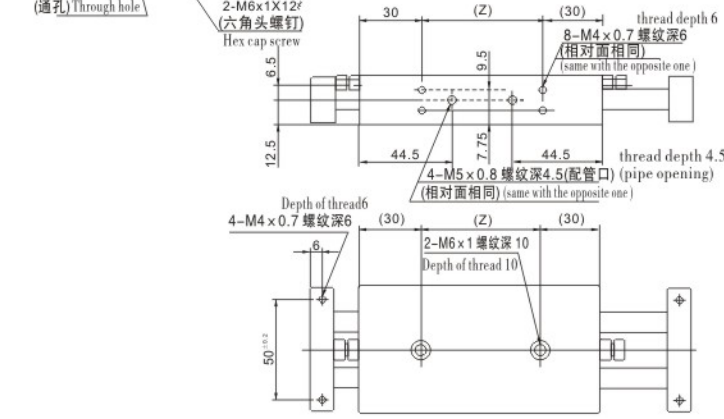
	型号 Type	S	SS	ZZ	Z
标准行程 Standard stroke	JCXSW□10-10	10	92	136	52
	JCXSW□10-20	20	102	156	62
	JCXSW□10-30	30	112	176	72
	JCXSW□10-40	40	122	196	82
	JCXSW□10-50	50	132	216	92
长行程 Long stroke (-XB11)	JCXSW□10-75	75	157	266	117
	JCXSW□10-100	100	182	316	142
	JCXSW□10-125	125	207	366	167
	JCXSW□10-150	150	232	416	192

为了安装JCXSW□10-10及JCXSW□10-20这两种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分。(有标*部的尺寸)

To install the magnetic switch of JCXSW□10-10 and JCXSW□10-20 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JCXSW□20 DIMENSIONS JCXSW□20外形尺寸图





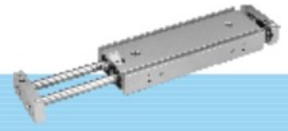
(mm)

	型号 Type	S	SS	ZZ	Z
标准行程 Standard stroke	JCXSW□20-10	10	120	178	60
	JCXSW□20-20	20	130	198	70
	JCXSW□20-30	30	140	218	80
	JCXSW□20-40	40	150	238	90
	JCXSW□20-50	50	160	258	100
	JCXSW□20-75	75	185	308	125
长行程 Long stroke (-XB11)	JCXSW□20-100	100	210	358	150
	JCXSW□20-125	125	235	408	175
	JCXSW□20-150	150	260	458	200
	JCXSW□20-175	175	285	508	225
	JCXSW□20-200	200	310	558	250

为了安装JCXSW□20-10 这种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分。(有标*部的尺寸)

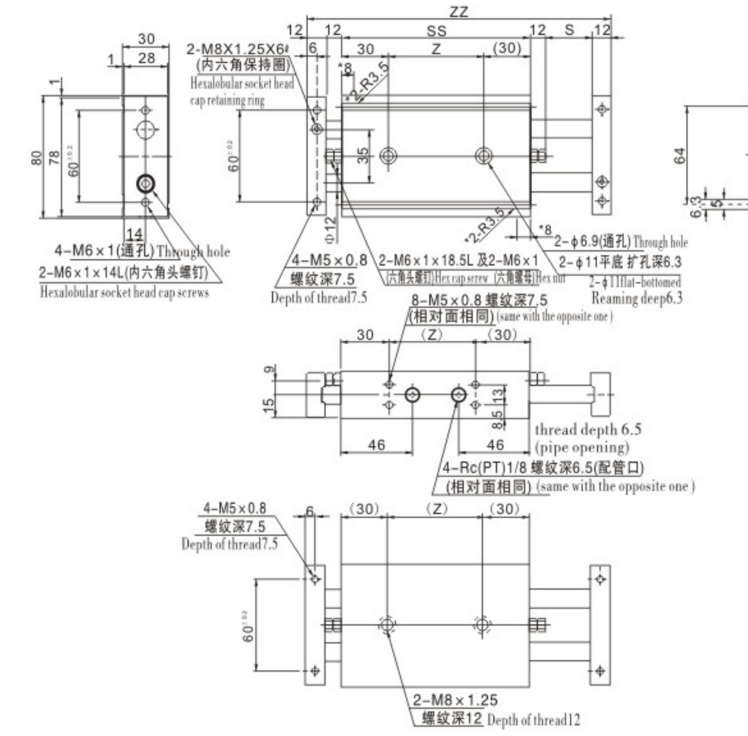
To install the magnetic switch of JCXSW□20-10 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JCXSW SERIES



Through-rod dual cylinder 通杆型双缸气缸

JCXSW□25 DIMENSIONS JCXSW□25外形尺寸图



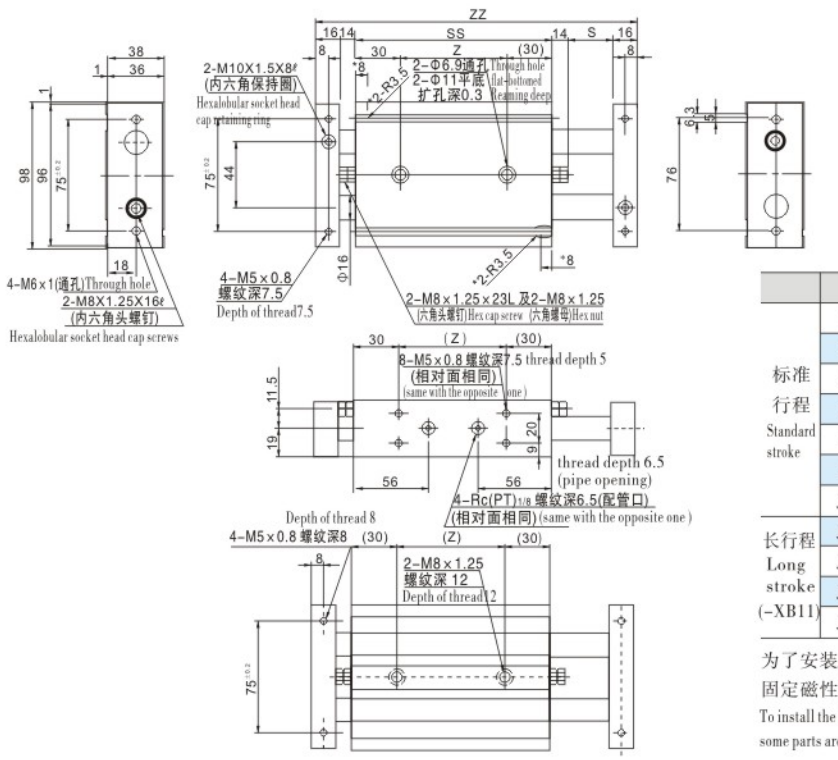
(mm)

	型号 Type	S	SS	ZZ	Z
标准行程 Standard stroke	JCXSW□25-10	10	122	180	62
	JCXSW□25-20	20	132	200	72
	JCXSW□25-30	30	142	220	82
	JCXSW□25-40	40	152	240	92
	JCXSW□25-50	50	162	260	102
	JCXSW□25-75	75	187	310	127
	JCXSW□25-100	100	212	360	152
长行程 Long stroke (-XB11)	JCXSW□25-125	125	237	410	177
	JCXSW□25-150	150	262	460	202
	JCXSW□25-175	175	287	510	227
	JCXSW□25-200	200	312	560	252

为了安装JCXSW□25-10这种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分。(有标*部的尺寸)

To install the magnetic switch of JCXSW□25-10 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JCXSW□32 DIMENSIONS JCXSW□32外形尺寸图



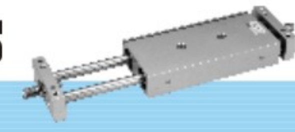
(mm)

	型号 Type	S	SS	ZZ	Z
标准行程 Standard stroke	JCXSW□32-10	10	143	213	83
	JCXSW□32-20	20	153	233	93
	JCXSW□32-30	30	163	253	103
	JCXSW□32-40	40	173	273	113
	JCXSW□32-50	50	183	293	123
	JCXSW□32-75	75	208	343	148
	JCXSW□32-100	100	233	393	173
长行程 Long stroke (-XB11)	JCXSW□32-125	125	258	443	198
	JCXSW□32-150	150	283	493	223
	JCXSW□32-175	175	308	543	248
	JCXSW□32-200	200	333	593	273

为了安装JCXSW□32-10这种气缸的磁性开关，切除掉用来固定磁性开关坑道的一部分。(有标*部的尺寸)

To install the magnetic switch of JCXSW□32-10 these both cylinders, some parts are cut off for fixing the trench of magnetic switch (dimension marked with *).

JSTMB SERIES



Slipway cylinder 滑台气缸

SPECIFICATIONS 规格

内径Inner dia.(mm)	10	16	20	25
动作方式Action mode	复动型 Dual-action type			
工作介质 Working medium	空气 Air			
使用压力范围Applicable pressure range	0.1~1.0MPa(14~145Psi)			
保证耐压力Guaranteed compression resistance	1.5MPa(215Psi)			
工作温度℃ Working temperature	~20~70			
使用速度范围Applicable speed range mm/s	30~500			
行程公差范围Stroke allowance range	$^{+1.0}_{0}$			
缓冲形式Buffering mode	无 No	防撞垫或油压缓冲器(可选项) Crash cushion or oil pressure buffer (optional)		
不回转精度Non-rotation accuracy ①	±0.1°	±0.05°		
接管口径Pipe caliber ②	M5×0.8			PT1/8

①不回转精度为气缸完全收回状态时，气缸固定板可回转的角度；②接管牙型有NPT、G牙可供选择；另：JSTM系列全附磁；

①The rotation accuracy refers to that the rotatable angel of cylinder dead plate when the cylinder is in complete retractation state; ② The tooth type of pipe has NPT and G type for your selection, in addition, JSTM series are provided with the magnet;

PRODUCT CHARACTERISTICS 产品特性

1、两种安装固定形式：本体安装或滑块安装；
2、双活塞结构，使气缸具有较好的抗弯曲及抗扭转性能，可承受较大的运动负载和侧向负载。
3、两端防撞垫或油压缓冲器等缓冲装置，可有效减缓撞击速度，延长气缸使用寿命；
4、选择耐高温密封材料，可保证气缸在150℃条件下正常工作。

1.Two installation types: body installation or slider installation;
2.Dual-piston structure that makes the cylinder have the good bending resistance and torsion resistance and bear the large motion load and side load;
3.The crash cushion or oil pressure buffer at both ends can lower the impacting speed effectively and prolong the service life of cylinder;
4.The use of high-temperature-resistance sealing material can guarantee the cylinder works normally at 150℃.

STROKE 行程

内径Inner dia. (mm)	标准行程 Standard stroke (mm)	最大行程 Max stroke	容许行程Permissible stroke
10	25,50,75,100	100	150
16	25,50,75,100,125,150,175,200	200	250
20、25	25,50,75,100,125,150,175,200,250	250	300

注）在容许行程范围内，当行程＞最大行程时，作非标处理；其它特殊行程请与本公司联系。

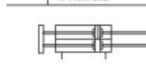
ORDERING CODE 订购代码

JSTM B - 25 x 50 - □

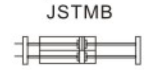
Slipway cylinder (double action) 滑台气缸(复动型)

Fixed type 固定方式

B	Body fixed type 本体固定型
S	Slider fixed type 滑块固定型



JSTMB



JSTMS

Bore Size 缸径

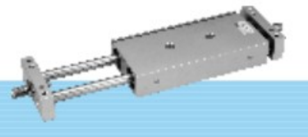
10	Φ10
16	Φ16
20	Φ20
25	Φ25
32	Φ32

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
10,16	25,50,75,100,125,150
20,25 32	25,50,75,100,125,150

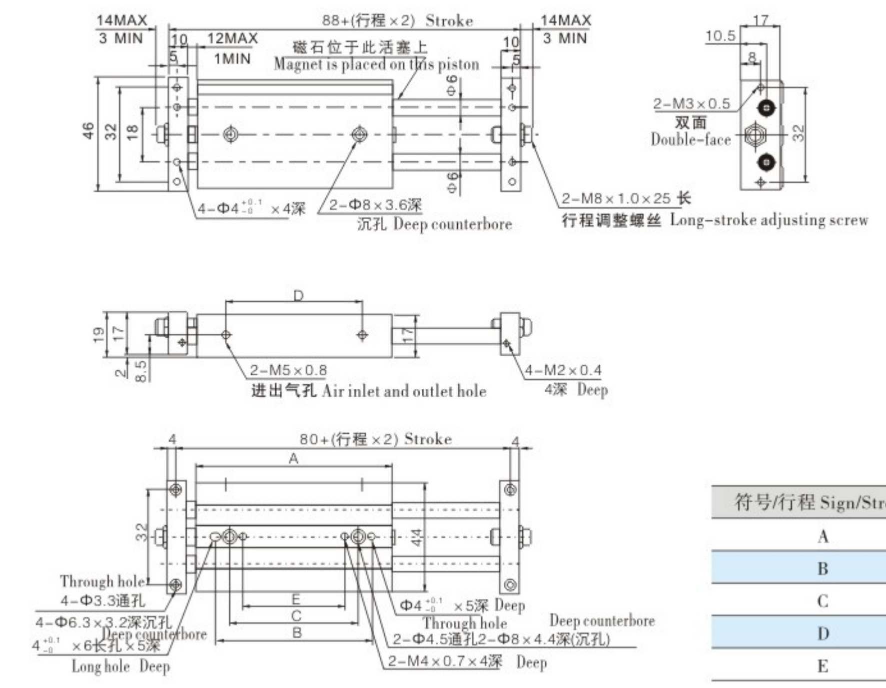
① Tooth type code 牙型代号

空白	PT牙
T	NPT牙
G	G牙



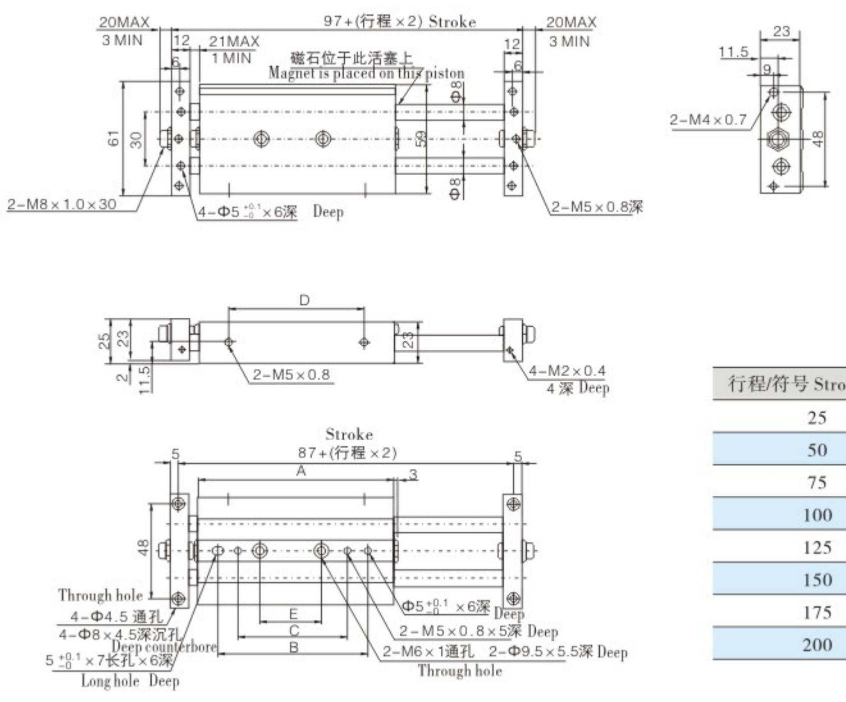
JSTMB DIMENSIONS JSTMB外形尺寸图

ϕ10



符号/行程 Sign/Stroke	25	50	75	100
A	66	103	40	46
B	76	123	50	56
C	86	143	60	66
D	96	163	70	76
E	106	183	80	86

ϕ16



行程/符号 Stroke/Sign	A	B	C	D	E
25	86	55	–	48	25
50	111	80	–	73	50
75	136	105	75	98	45
100	161	130	100	123	70
125	186	150	120	148	90
150	211	150	120	173	90
175	236	150	120	198	90
200	261	150	120	223	90

INSTALLATION & USE 安装与使用

1、工作中负载有变化时，应选用输出力充裕的气缸；
2、在高温或者腐蚀性条件下，应选用相应的耐高温或耐腐蚀性气缸；
3、在湿度大，粉尘多，或者有水滴、油压、焊渣的场合，气缸应采取相应的防护措施；
4、气缸接入管道前，必须清除管道内脏物，防止杂物进入气缸内；
5、气缸使用介质应经过40um以上滤心过滤后方可使用；
6、气缸在工作过程中所受侧向载荷不应超过允许值，以维持气缸的正常工作和使用寿命；
7、在低温环境下，应采取抗冻措施，防止系统中的水分冻结；
8、气缸拆下长时间不使用，要注意表面防锈，进排气口应加防尘堵塞帽，由于产品制作与导向精度高，请不要自行拆卸气缸固定块或气缸盖。

1.If the load has a change in working, the cylinder with enough force output shall be selected;
2.Under the high temperature or corrosion conditions, the high-temperature-resistance or anti-corrosion cylinder shall be chosen;
3.If the cylinder is used in the location with high humidity, many dusts, water drop, oil pressure or welding slag, there shall be corresponding protection measures taken;
4.Before connecting with the pipeline, the pollution in the pipeline must be cleared away, to prevent the impurities entering into the cylinder;
5.The applicable medium of cylinder shall be filtered with 40um filtering cartridge first, then it can be used;
6.The side load borne by cylinder shall not exceed the permissible value in working, to maintain the normal operation and service life of cylinder;
7.In the low-temperature environment, there shall be frost-resistance measures to prevent the water in the system being frozen;
8.If the cylinder is not used for long time after being dismounted, the surface shall have the antirust measures, and the air inlet and outlet shall be mounted with the dustproof plug cap. Because of product design and high pilot accuracy, please don't dismount the cylinder fixed block or cylinder cover.

FORM OF CYLINDER THEORETICAL OUTPUT 气缸理论出力表

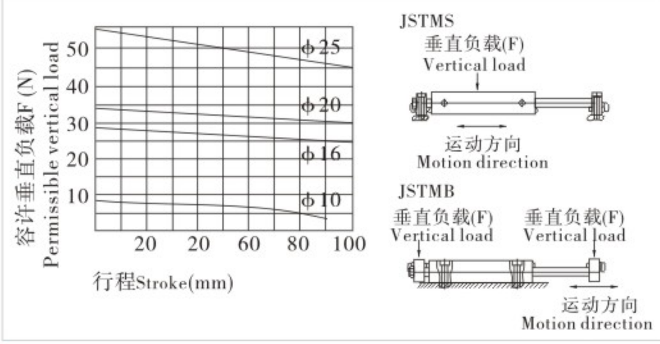
单位：(N)

气缸内径(mm) Inner dia. of piston rod	活塞杆外径(mm) Inner dia. of piston rod	动作型式 Operating type	受压面积(mm^2) Compression area	空气压力Air pressureMPa						
				0.1	0.2	0.3	0.4	0.5	0.6	0.7
10	6	复动double action	100.5	10.1	20.1	30.2	40.2	50.3	60.3	70.4
16	8	复动double action	301.6	30.2	60.3	90.5	120.6	150.8	181.0	211.1
20	10	复动double action	471.2	47.1	94.2	141.4	188.5	235.6	282.7	329.9
25	12	复动double action	755.6	75.6	151.1	226.7	302.2	377.8	453.3	528.9

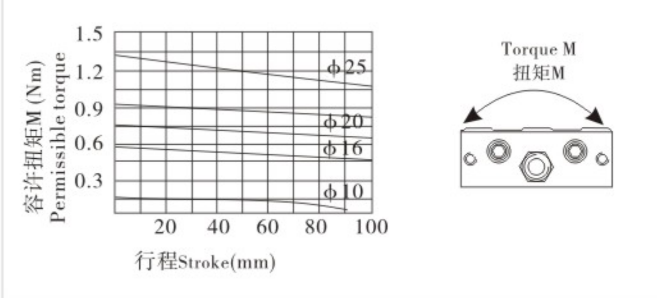
CONFIGURATION OF BUFFER 缓冲器配置

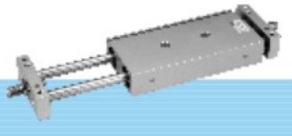
内径 Diameter / 行程 Stroke	10		16		20		25	
25	–	–	–	●	–	●	–	●
50	–	–	–	●	–	●	–	●
75	–	–	○	●	○	●	○	●
100	–	–	○	●	○	●	○	●
125	×	×	○	●	○	●	○	●
150	×	×	○	●	○	●	○	●
175	×	×	○	●	○	●	○	●
200	×	×	○	●	○	●	○	●
250	×	×	×	×	○	●	○	●
缓冲器型号 Buffer model	–		AC0806		AC1008		AC1210	

ALLOWABLE VERTICAL LOAD 许用垂直负载

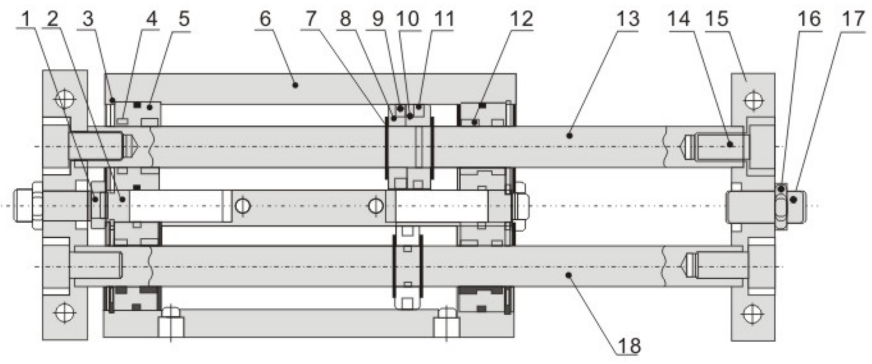


ALLOWABLE TORQUE 许用扭矩





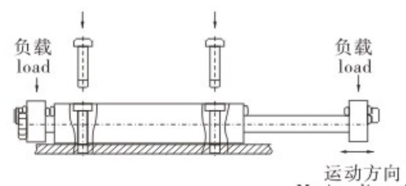
INNER STRUCTURE 内部结构



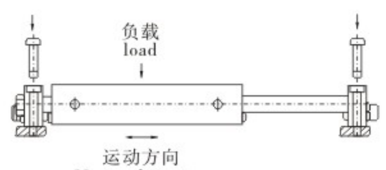
序号 NO.	名称 Name	材质 Materials
1	防撞垫 Damper	NBR
2	螺丝 Screw	中碳钢 Medium carbon steel
3	C型扣环 C-shaped retaining ring	弹簧钢 Spring steel
4	前盖O令 Fore cover "O" ring	NBR
5	前盖 Rod cover	铝合金 Alumium
6	缸筒 Cylinder tube	铝合金 Alumium
7	E型扣环 E-shaped retaining ring	弹簧钢 Spring steel
8	磁铁座Magnetic receiver	铝合金 Alumium
9	磁铁Magnet	稀土类 Rare earth
10	活塞 Pistion	铝合金 Alumium
11	活塞O令 Piston"O" ring	NBR
12	含油轴承 Bush	含油粉末冶铜 Oil-bearing
13	活塞杆 Pistion rod	不锈钢 Stainless steel
14	内六角螺丝 Inner hexagon screw	中碳钢 Medium carbon steel
15	气缸固定板 Dead plat of cylinder	中碳钢 Medium carbon steel
16	六角螺帽 Hexagon nut	中碳钢 Medium carbon steel
17	止付螺丝 Stop screw	中碳钢 Medium carbon steel
18	活塞杆 Pistion rod	中碳钢 Medium carbon steel

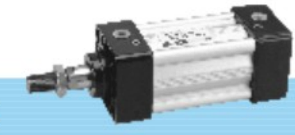
FIXED WAY 固定方式

JSTMB: 本体固定方式 Ontology fixed way



JSTMS: 本体固定方式 Ontology fixed way





EXAMPLE 示例

欲订购缸径为63mm，行程为80mm，附磁，采用LB固定型式的标准复动型气缸，其正确的订购码代号为：JSU-63×80-LB.

If you want to buy the LB fixed multi-station reset type (tie bar type) cylinder with the diameter of 63mm, travel of 80mm, and with magnetic that the right order number is JSU-63×80-LB.

SPECIFICATION 说明

该系列另有双活塞杆(SUD)，行程可调系列，可供选择。

There is SUD that the travel is adjustable of this series for selection.

TECHNICAL DATA 技术参数

内径(mm)	Cylinder ID	32	40	50	63	80	100	125
动作型式	Action mode	复动型Double action type						
工作介质	Operating medium	经过滤的压缩空气Fittered impressed air						
固定型式	Fixation mode	基本型Principle made FA型FB型CA型CB型LB型C-M型						
使用压力范围Kgf/cm²	Rang of pressure applied	1.5～10						
保证耐压力Kgf/cm²	Guaratee pressure with stand	15						
使用温度范围℃	Environment temp	0～70						
使用温度范围mm/s	Rang of speed applied	50～500						
缓冲型式	Buffer mode	可调缓冲Adjust buffer						
缓冲行程mni	Buffer travel	24				32		
接管口径	Adapter diameter	G1/8"	G1/4"		G3/8"		G1/2"	G21/2"

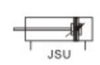
STANDARD TRAVEL 标准行程

内径 ID(mm)	标准行程Standard stroke																			最大行程 Max.stroke	容许行程 Permitted stroke
32	25	50	75	100	125	150	175	200	250	300	350	400	450	500						1000	2000
40	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800			1200	2000
50	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1200	2000
63	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
80	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
100	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
125	25	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000

ORDERING CODE 订购代码

JSU - 50 x 50 - S - LB

With Magnet 内置磁环



Bore Size 缸径

32	Φ32
40	Φ40
50	Φ50
63	Φ63
80	Φ80
100	Φ100

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
80,100	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000

Action 动作方式

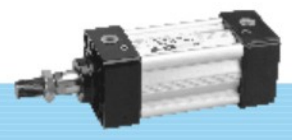
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

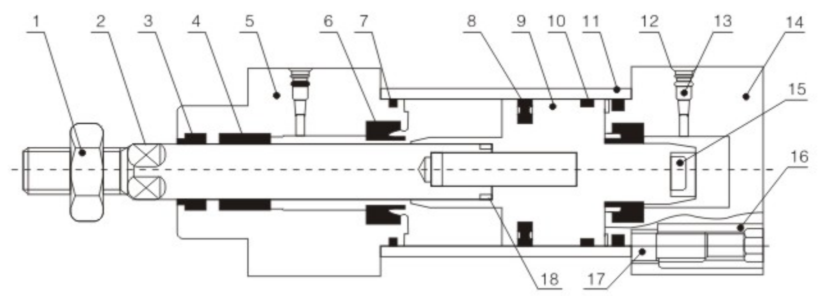
空白	
LB	
FA	
FB	
CA	
CB	适用于ϕ40~ϕ100
TC	适用于ϕ40~ϕ100
TC-M	

JSU SERIES

Standard Cylinder 标准气缸

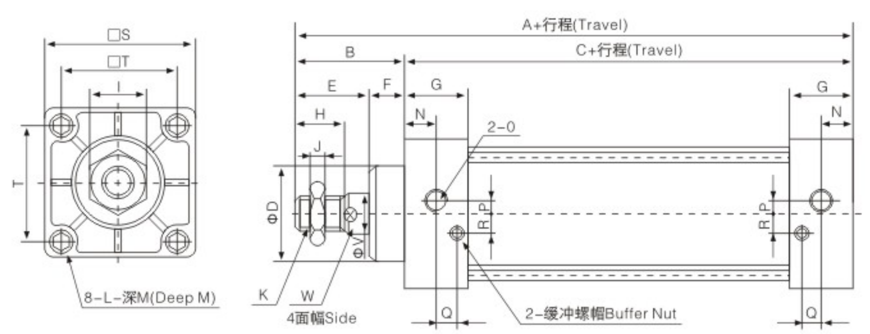


INNER STRCUTURE 内部结构



序号No	名称	Name	序号No	名称	Name
1	螺母	Nut	2	活塞杆	Piston rod
3	前盖密封圈	Front cover seal	4	含油轴承	Oil-impregnated bearing
5	前盖	Front cover	6	缓冲O形圈	Buffer O ring
7	管壁O形圈	Pipe wall O ring	8	活塞O形圈	Piston O ring
9	活塞	Piston	10	耐磨环	Auti-friction ring
11	缸筒	Cylinder tube	12	缓冲防漏O形圈	Buffer leak prevention O ring
13	缓冲调整螺丝	Buffer adjust screw	14	后盖	Back cover
15	内六角螺栓	Inside six angels screw	16	拉柱螺帽	Colum nut
17	支柱	Colum	18	活塞杆O形圈	Piston rob O ring

CONSTRUCTION MAJOR DIMENSIONS 结构/外形尺寸图

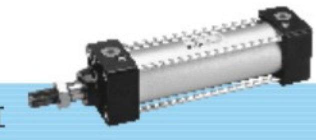


内径/符号ID/Mark	A1	B	C	D	E	F	G	H	I	J	K	L
32	140	47	93	28	32	15	27.5	22	17	6	M10 × 1.25	M6 × 1
40	142	49	93	32	34	15	27.5	24	17	7	M12 × 1.25	M6 × 1
50	150	57	93	38	42	15	27.5	32	23	8	M16 × 1.5	M6 × 1
63	153	57	96	38	42	15	27.5	32	23	8	M16 × 1.5	M8 × 1.25
80	182	75	107	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
100	189	75	114	47	54	21	33	40	26	10	M20 × 1.5	M10 × 1.5
125	230	93	137	60	68	25	40	54	41	13.5	M27 × 2	M12

内径/符号ID/Mark	M	N	O	P	Q	R	S	T	V	W
32	9.5	13.75	G1/8"	3.5	7.5	7	45	33	12	10
40	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14
50	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17
63	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17
80	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22
100	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22
125		20	G1/2"				140	110	32	27

JMB SERIES

Standard Cylinder 标准气缸

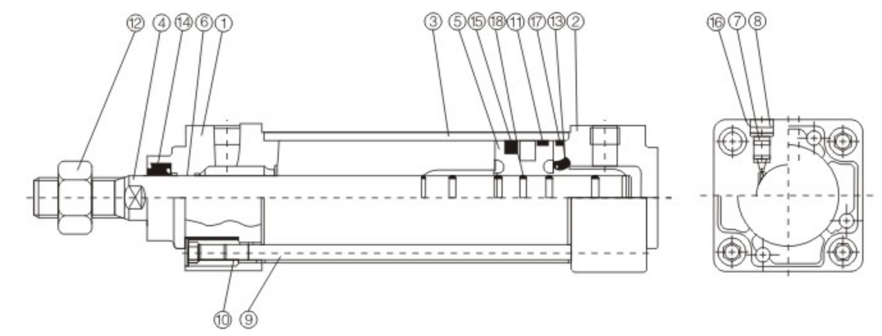


JISP

TECHNICAL DATA 技术参数

缸径	ID	32	40	50	63	80	100
流体	Fluid	空气 Air					
动作型式	Action mode	双动 Double acting					
保证耐压力	Proof pressure	1.5MPa(15.3kgf/cm²)					
最高使用压力	Max.operating pressure	1.0MPa(10.2kgf/cm²)					
最低使用压力	Min. operating pressure	0.05MPa(0.5kgf/cm²)					
环境和流体体温	Ambient and fluiud temperature	0~+70℃					
活塞速度	Operating piston speed	50~500mm/s					
缓冲	Cushion	气缓冲 Air cushion					
行程公差	Allowable stroke tolerance	$\sim 250:{}^{+1.0}_{0}$, $251\sim 1000:{}^{+1.4}_{0}$, $1001\sim 1500:{}^{+1.8}_{0}$					
*润滑	Lubrication	不需要 Non-lube					
接管口径Rc(PT)	Thread tolerance	1/8	1/4		3/8		1/2

COMPONENT PARTS 部件构造



编号No.	名称	Description	材料	Material	编号No.	名称	Description	材料 Material
1	前端盖	Rod cover	压铸铝	Aluminum die-cast	10	拉杆螺母	Tie rod nut	碳钢 Carbon steel
2	后端盖	Back cover	压铸铝	Aluminum die-cast	11	耐磨环	Wear ring	树指 Resin
3	缸筒	Cylinder tube	铝合金	Aluminum alloy	12	活塞杆螺母	Piston rod	NBR
4	活塞杆	Piston rod	碳钢	Carbon steel	13	缓冲O形圈	Buffer O ring	NBR
5	活塞	Piston	铝合金	Aiuminum alloy	14	防尘O形圈	Dust control O ring	NBR
6	含油轴承	Bush	含油粉末冶铜	Oil-bearing	15	活塞杆O形圈	Piston o-ring	NBR
7	针阀O形圈	Cushion valve O-Ring	NBR		16	卡簧	Stopring	NBR
8	针阀	Stopring	铜	Cu	17	管壁O形圈	Pipe wall O ring	NBR
9	拉杆	Tie rod	碳钢	Carbon steel				

ORDERING CODE 订购代码

JMB - 32 x 50 - S - LB

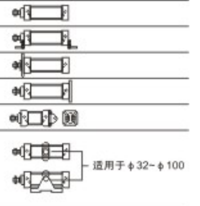
With Magnet 内置磁环

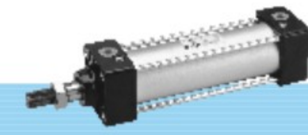
Bore Size 缸径	
32	Φ32
40	Φ40
50	Φ50
63	Φ63
80	Φ80
100	Φ100

Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
32,40, 50,63	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000
80,100	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500,600,700,800,900,1000

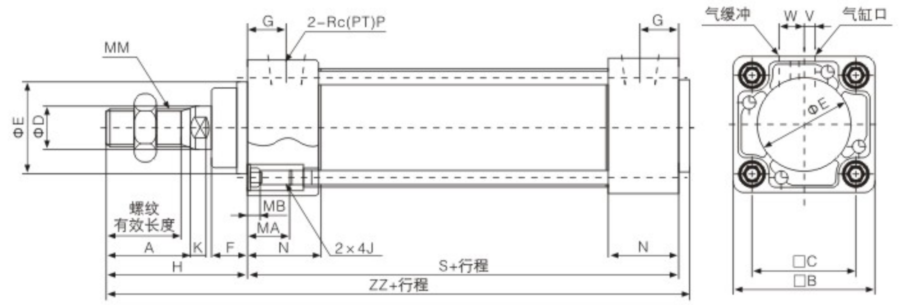
Action 动作方式	
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式
空白
LB
FA
FB
CA
CB
TC
TC-M



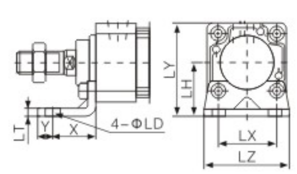


CYLINDER PRINCIPLE MODEL AND SIZE 气缸基本型及尺寸

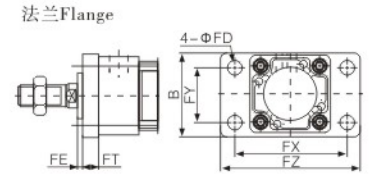


缸径 ID	行程范围 Stroke range	螺纹有效长度 Thread length	A	□B	□C	ϕD	ϕE	F	G	MA	MB	J	K	MM	N	P	S	V	W	H	ZZ
32	~500	19.5	22	46	32.5	12	30	13	13	16	4	M6×1.0	6	M10×1.25	27	1/8	84	4	6.5	47	135
40	~500	27	30	52	38	16	35	13	14	16	4	M6×1.0	6	M14×1.5	27	1/4	84	4	9	51	139
50	~600	32	35	65	46.5	20	40	14	15.5	16	5	M8×1.25	7	M18×1.5	31.5	1/4	94	5	10.5	58	156
63	~600	32	35	75	56.5	20	45	14	16.5	16	5	M8×1.25	7	M18×1.5	31.5	3/8	94	9	12	58	156
80	~750	37	40	95	72	25	45	20	19	16	5	M10×1.5	10	M22×1.5	38	3/8	114	11.5	14	72	190
100	~750	37	40	114	89	30	55	20	19	16	5	M10×1.5	10	M26×1.5	38	1/2	114	17	15	72	190

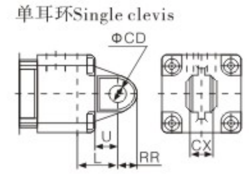
脚座Foot



法兰Flange

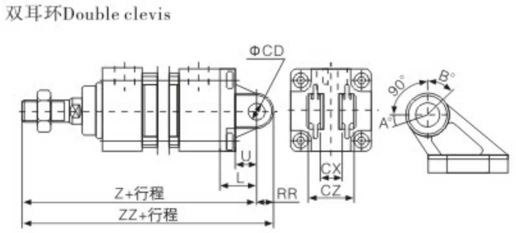


单耳环Single clevis

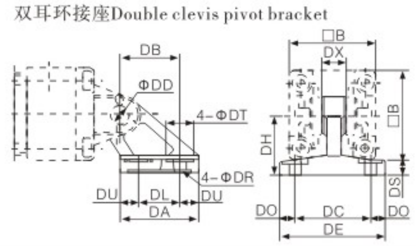


缸径 (mm) Bore size (mm)	脚座Foot											法兰Flange								单耳环Single clevis					
	零件号 Part No.	X	Y	ϕLD	LH	LS	LT	LX	LY	LZ	ZZ	零件号 Part No.	B	ϕFD	FE	FT	FX	FY	FZ	零件号 Part No.	L	RR	U	ϕCD	CX
32	MB-L03	22	9	7	30	128	3.2	32	53	50	162	MB-F03	50	7	3	10	64	32	79	MB-C03	23	10.5	13	10	14
40	MB-L04	24	11	9	33	132	3.2	38	59	55	170	MB-F04	55	9	3	10	72	36	90	MB-C04	23	11	13	10	14
50	MB-L05	27	11	9	40	148	3.2	46	72.5	70	190	MB-F05	70	9	2	12	90	45	110	MB-C05	30	15	17	14	20
63	MB-L06	27	14	12	45	148	3.6	56	82.5	80	193	MB-F06	80	9	2	12	100	50	120	MB-C06	30	15	17	14	20
80	MB-L08	30	14	12	55	174	4.5	72	102.5	100	230	MB-F08	100	12	4	16	126	63	153	MB-C08	42	23	26	22	30
100	MB-L10	32	16	14	65	178	4.5	89	122	120	234	MB-F10	120	14	4	16	150	75	178	MB-C10	42	23	26	22	30

双耳环Double clevis



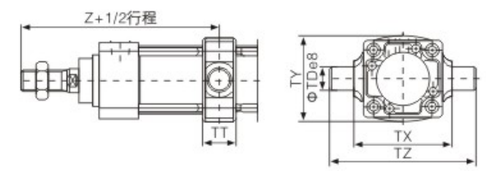
双耳环接座Double clevis pivot bracket



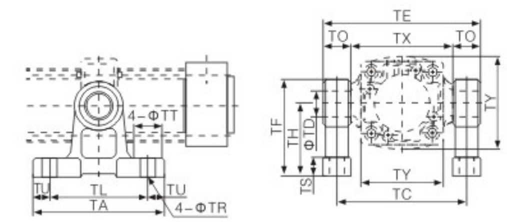
缸径 (mm) Bore size (mm)	双耳环Double clevis								双耳环接座Double clevis pivot bracket															
	零件号 Part No.	L	RR	U	ϕCD	CX	CZ	Z	ZZ	零件号 Part No.	□B	DA	DB	DL	DU	DC	DX	DE	DO	ϕDR	ϕDT	DS	DH	ϕDD	A°	B°
32	MB-D03	23	10.5	13	10	14	28	154	164.5	MB-B03	46	42	32	22	10	44	14	62	9	6.6	15	7	33	10	25°	45°
40	MB-D04	23	11	13	10	14	28	158	169	MB-B03	52	42	32	22	10	44	14	62	9	6.6	15	7	33	10	25°	45°
50	MB-D05	30	15	17	14	20	40	182	197	MB-B05	65	53	43	30	11.5	60	20	81	10.5	9	18	8	45	14	40°	60°
63	MB-D06	30	15	17	14	20	40	182	197	MB-B05	75	53	43	30	11.5	60	20	81	10.5	9	18	8	45	14	40°	60°
80	MB-D08	42	23	26	22	30	60	228	251	MB-B08	95	73	64	45	14	86	30	111	12.5	11	22	10	65	22	30°	55°
100	MB-D10	42	23	26	22	30	60	228	251	MB-B08	114	73	64	45	14	86	30	111	12.5	11	22	10	65	22	30°	55°

CYLINDER PRINCIPLE MODEL AND SIZE 气缸基本型及尺寸

中间轴销Center trunnion

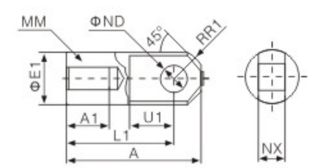


中间轴销接座Trunnion pivot bracket

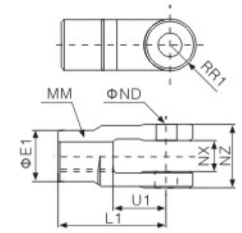


缸径 Bore size (mm)	中间轴销Center trunnion							中间轴销接座Trunnion pivot bracket															
	气缸带耳轴型号 Center trunnion	ϕTDe8	TT	TX	TY	TZ	Z	零件号 Part No.	TA	TL	TU	TC	TX	TE	TO	ϕTR	ϕTT	TS	TH	TF	TY	Z	ϕTDe8
32	MBT32-行程	12	17	50	49	74	89	MB-S03	62	45	8.5	62	50	74	12	7	13	10	35	47	49	89	12
40	MBT40-行程	16	22	63	58	95	93	MB-S04	80	60	10	79	63	95	17	9	17	12	45	60	58	93	16
50	MBT50-行程	16	22	75	71	107	105	MB-S04	80	60	10	91	75	107	17	9	17	12	45	60	71	105	16
63	MBT63-行程	20	28	90	87	130	105	MB-S06	100	70	15	110	90	130	20	11	22	14	60	78	87	105	20
80	MBT80-行程	20	34	110	110	150	129	MB-S06	100	70	15	130	110	150	20	11	22	14	60	78	110	129	20
100	MBT100-行程	25	40	132	136	182	129	MB-S10	120	90	15	155	132	180	25	13.5	24	17	75	100	136	129	25

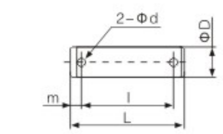
I型接头 I type Single knuckle joint



Y型接头 Y type Double knuckle joint



销子 Joint pin

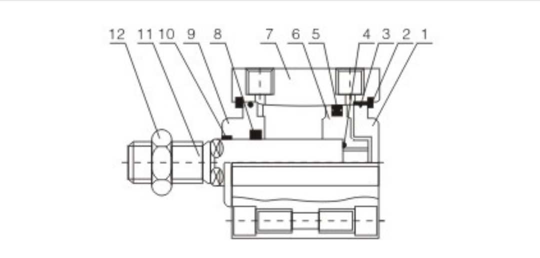


缸径 (mm) Bore size (mm)	I型接头I type Single knuckle joint									Y型接头Y type Double knuckle joint									肘节接头销子Knuckle joint joint pin					
	零件号 Part No.	A	A1	ϕE1	L1	MM	R1	U1	ϕND	NX	零件号 Part No.	ϕE1	L1	MM	R1	U1	ϕND	NX	NZ	零件号 Part No.	ϕD	L	I	M	ϕd
32	I-03M	40	14	20	30	M10×1.25	12	16	10	14	Y-03M	20	30	M10×1.25	10	16	10	14	28	CD-M03	10	44	36	4	3
40	I-04M	50	19	22	40	M14×1.5	12.5	19	10	14	Y-04M	22	40	M14×1.5	11	19	10	14	28	CD-M03	10	44	36	4	3
50-63	I-05M	64	24	28	50	M18×1.5	16.5	24	14	20	Y-05M	28	50	M18×1.5	14	24	14	20	40	CD-M05	14	60	51	4.5	4
80	I-08M	80	26	40	60	M22×1.5	23.5	34	22	30	Y-08M	40	65	M22×1.5	20	34	22	30	60	CD-M08	22	82	72	5	4
100	I-10M	80	26	40	60	M26×1.5	23.5	34	22	30	Y-10M	40	65	M26×1.5	20	34	22	30	60	CD-M08	22	82	72	5	4

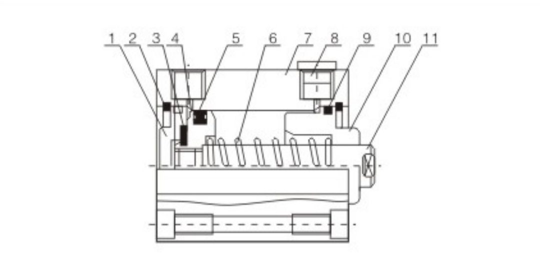
TECHNICAL DATA 技术参数

内径(mm)ID		12	16	20	25	32	40	50	63	80	100
动作型式 Action mode		复动型 Fixed type									
		单动押出型 单动引入型						–			
工作介质 Working medium		经过滤压缩空气 Filtered impressed air									
使用压力范围 Kgf/cm2 Applied pressur range	复动型 Fixed type	1.5~10									
	单动型 Mon oops type	2~9						–			
保证耐压力 Kgf/cm^2 Guarantee pressure with stand		15									
使用温度范围 ℃ Applied temp range		0~70									
使用速度范围mm/s Applied speed range	复动型 Fixed type	30~500						30~250		30~350	
	单动型 Mon oops type	100~500						–			
缓冲型式 Buffer mode		固定型缓冲 Fixation mode buffer									
接管口径 Adapter diameter		M5 × 0.8				G1/8″		G1/4″		G3/8″	

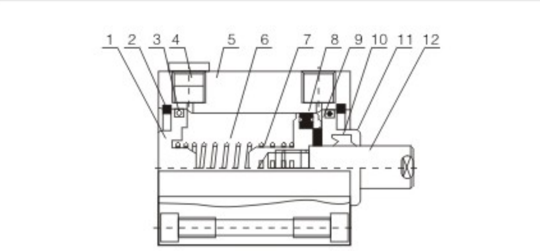
INNER STRUCTURE 内部結构



序号 No	名称 Name	序号 No	名称 Name
1	后盖 Back cover	2	C型扣环 C type buckle
3	前后盖O形圈 Front and back cover O shape	4	防撞垫片 Pin bunt insertion piece
5	活塞 Piston	6	活塞O形圈 Piston O shape
7	防撞垫片 Pin bunt insertion	8	缸筒 Cylinder tube
9	前盖密封圈 Front cover joint ring	10	前盖 Front cover
11	活塞杆 Piston rod	12	螺母 Nut



序号 No	名称 Name	序号 No	名称 Name
1	后盖 Back cover	2	C型扣环 C type buckle
3	防撞垫片 Pin bunt insertion	4	活塞 Piston
5	活塞O形圈 Piston O ring	6	压缩弹簧 Compress spring
7	缸筒 Cylinder tube	8	消音器 Sound absorber
9	前后盖O形圈 Front and back cover O ring	10	前盖 Front cover
11	活塞杆 Piston rod	12	



序号 No	名称 Name	序号 No	名称 Name
1	后盖 Back cover	2	C型扣环 C type buckle
3	前后盖O形圈 Front and back cover O ring	4	消音器 Sound absorber
5	缸筒 Cylinder tube	6	压缩弹簧 Compress spring
7	活塞 Piston	8	活塞O形圈 Piston O shape
9	防撞垫片 Pin bunt insertion piece	10	前盖密封圈 Front cover jointring
11	前盖 Front cover	12	活塞杆 Piston rod

ORDERING CODE 订购代码

JS D DA - 20 x 30 - S - B

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径

20	Φ20	50	Φ50
25	Φ25	63	Φ63
32	Φ32	80	Φ80
40	Φ40	100	Φ100

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Dens type 牙型

Black 空白	Endo-dens 内牙
B	Extra-dens 外牙齿

STANDARD TRAVEL 标准行程

内径(mm)ID		12 16	20	25		30 40 50 63 80 100	
复动型	不附磁	5~60mm 每5mm-级	5~85mm 每5mm-级	5~90mm 每5mm-级	100~110mm 每10mm-级	5~90mm 每5mm-级	100~130mm 每10mm-级
	附磁型	5~50mm 每5mm-级	5~75mm 每5mm-级	5~90mm 每5mm-级	100mm	5~90mm 每5mm-级	100~120mm 每10mm-级
单动型	不附磁	5~30mm 每5mm-级	5~30mm 每5mm-级	5~30mm 每5mm-级		5~30mm 每5mm-级	–
	附磁型	5~30mm 每5mm-级	5~30mm 每5mm-级	5~30mm 每5mm-级		5~30mm 每5mm-级	–
最大行程		60mm	100mm	120mm		130mm	

*特殊行程请与本公司联系定制。*Please contact with our factory to made-to-order if you need special travel.

EXAMPLE 示例

1)欲订购缸径为50mm，行程为30mm，附磁石，活塞杆牙型为外牙型式的复动型超薄气缸，其订购码代号为：JSDDA-50 × 30-B.

2)欲订购缸径为20mm，行程为25mm，不附磁石，活塞杆牙型为内牙型式的单动引入型超薄气缸，其订购码代号为：JSDA-20 × 25-S.

If you want to buy the double axle reset slim model cylinder with the diameter of 50mm,travel of 30mm,with magnetic and the pistol rod teeth type is outside teeth type that the ringt order number is JSDDA-50 × 30-B.

If you want to buy the double axle reset slim model cylinder with the diameter of 20mm,travel of 25mm,without magnetic and the pistol rod teech type is inside teeth type that the right order number is JSDA-20 × 25-S.

MATERIAL OF MAJOR PARTS 主要零件材质

内径	ID	12	16	20	25	32	40	50	63	80	100
缸筒	Cylinder tube	铝合金 Aluminm alloy									
活塞	Piston	铝合金 Alumium alloy									
活塞杆	Piston rod	高碳钢(镀硬铬研磨处理) High carbon steel									
活塞O形圈	Piston O ring	NBR									
前盖密封圈	Front cover ring	NBR									
防撞垫片	Pinbunt insertion lion piece	NBR									
含油轴承	Oil-impregnated bearing	–				含油粉末冶铜 Oil-bearing powder hit copper					
前盖	Front cover	铜 cu				铝合金 Alumium alloy					
后盖	Back cover	铜 cu				铝合金 Alumium alloy					
C形扣环	C type buckle	弹簧钢 Spring steel									
弹簧	Spring	不锈钢 Stainless steel				–					
消音器	Sound absorber	粉末冶铜 Powder hit copper				–					
磁石	Magnet	塑胶 Plastic glue									

O形圈一览表

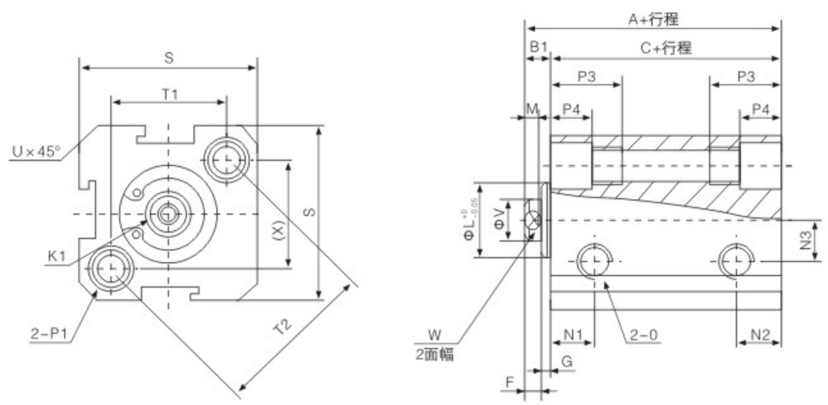
	前盖密封圈 Front cover joint ring			活塞O形圈 Piston O shape		管壁O形圈 Pipe wall O shape		活塞杆O形圈 Piston rob O shope
动作型式 Action mode	复动型 Fixed type	引入型 Leading in type	押出型 Wager out type	复动型 Fixed type	单动型 Mon oops type	复动型 Fixed type	单动型 Mon oops type	
内径/数量 ID/Quartity	1	1	–	1	1	2	2	1
12	EM0609	EM0609	–	2 × 8	2 × 8	1.5 × 10.7	1.5 × 10.7	–
16	EM0609	EM0609	–	APA-16	APA-16	1.5 × 14.5	1.5 × 14.5	–
20	EM0811	EM0811	–	APA-20	APA-20	1.5 × 19.5	1.5 × 19.5	–
25	EM1014	EM1014	–	APA-25	APA-25	2.0 × 21.9	2.0 × 21.9	–
32	EM1214	EM1214	–	APA-32	APA-32	2.0 × 28.5	2.0 × 28.5	–
40	EM1620	EM1620	–	APA-40	APA-40	2.0 × 35.5	2.0 × 35.5	–
50	EM2025	–	–	APA-50	–	2.0 × 45.5	–	–
63	EM2025	–	–	APA-63	–	2.0 × 59.5	–	–
80	EM2530	–	–	APA-80	–	2.0 × 79.5	–	1.5 × 21.5
100	EM3237	–	–	APA-100	–	2.0 × 94.5	–	2 × 28

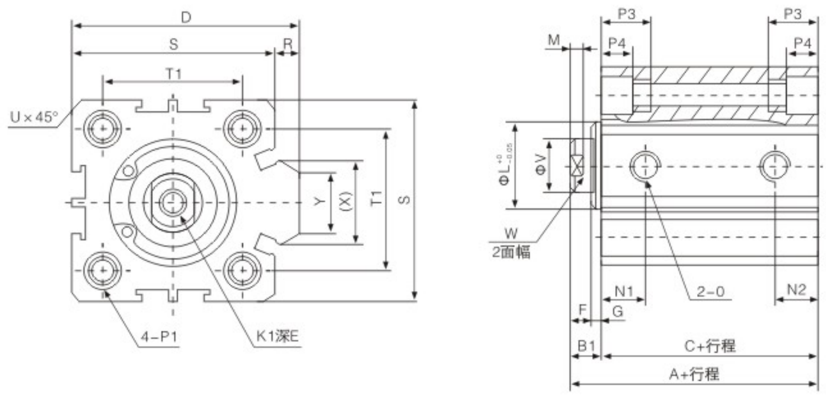
JSDA、JSDA-S、JSDA-T SERIES

Compact Cylinder 薄型气缸

JISP

JSDA、JSDDA CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸



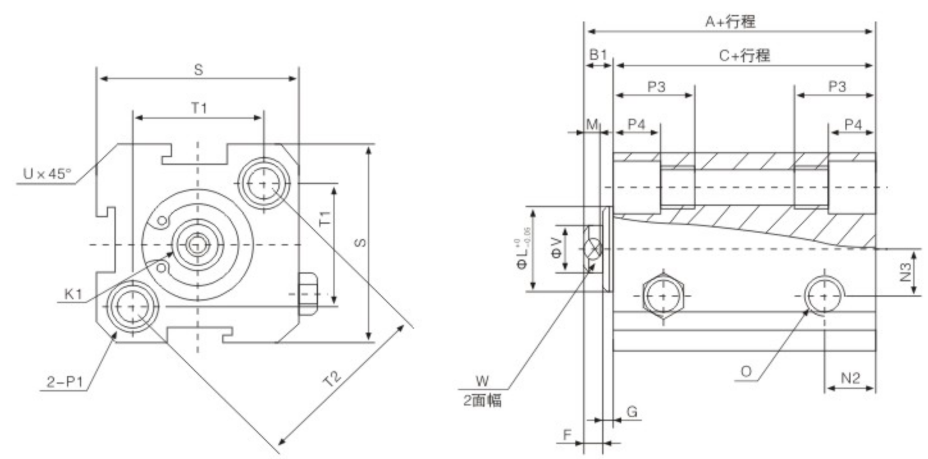


型式 Style	标准型 Standard type			附磁型 Magnetic type			D	E	F	G	K1	L	M	N1		N2	
内径/符号 ID/Mark	A	B1	C	A	B1	C								S=5	S＞5	S=5	S＞5
12	22	5	17	32	5	27	–	6	4	1	M3×0.5	10.2	3	7.5	7.5	5	5
16	24	5.5	18.5	34	5.5	28.5	–	6	4	1.5	M3×0.5	11	3	8	8	5.5	5.5
20	25	5.5	19.5	35	5.5	29.5	36	8	4	1.5	M4×0.7	13	3	9	9	5.5	5.5
25	27	6	21	37	6	31	42	10	4	2	M5×0.8	17	3	9.2	9.2	5.5	5.5
32	31.5	7	24.5	41.5	7	34.5	50	12	4	3	M6×1	22	3	9	9	6.5	9
40	33	7	26	43	7	36	58.5	12	4	3	M8×1.25	28	3	9.5	9.5	7.5	7.5
50	37	9	28	47	9	38	71.5	15	5	4	M10×1.5	38	3	8	10.5	8	10.5
63	41	9	32	51	9	42	84.5	15	5	4	M10×1.5	40	3	9.5	11.8	9.5	11.8
80	52	11	41	62	11	51	104	20	6	5	M14×1.5	45	4	11.5	14.5	11.5	14.5
100	63	12	51	73	12	61	124	20	7	5	M18×1.5	55	4	16	20.5	16	20.5

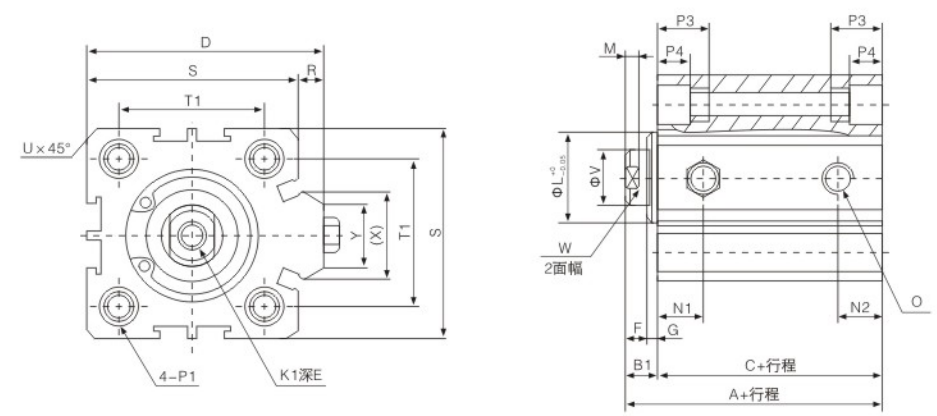
内径/符号ID/Mark	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	M5×0.8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	15	5.5	2	40	28	–	3.1	10	8	12	10
32	G1/8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	G1/8	双边(Double side): ϕ10牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20
80	G3/8	双边(Double side): ϕ14牙(Dens)M12×1.75通孔(Pet hole): ϕ9.2	25	10.5	10	94	74	–	3.65	25	22	36	26
100	G3/8	双边(Double side): ϕ17.5牙(Dens)M14×2通孔(Pet hole): ϕ11.3	30	13	10	114	90	–	3.65	32	27	35	26

JSDA-S、JSDDA-S CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸

Φ12~Φ16



Φ20~Φ63

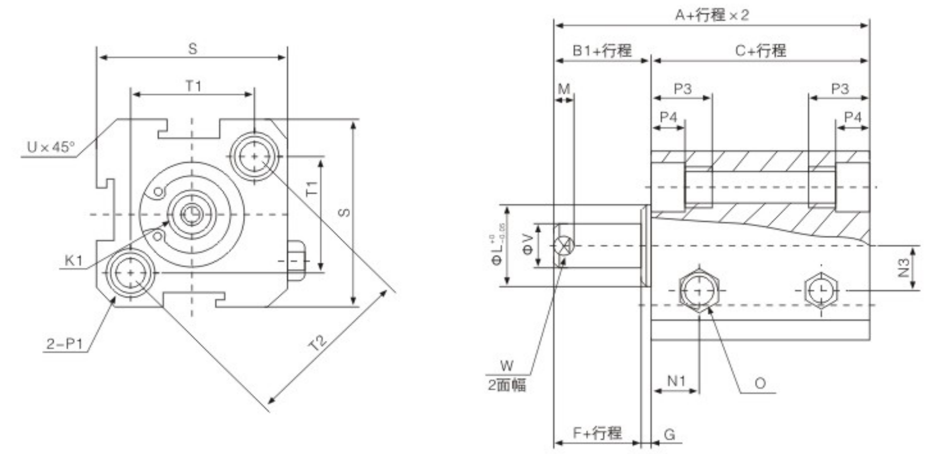


型式 Style	不附磁 Without magnetic					附磁 Magnetic					D	E	F	G	K1	L	M	N1	N2
符号 / 内径 / 行程	A		B1	C		A		B1	C										
	≤10	>10		≤10	>10	≤10	>10		≤10	>10									
12	32	42	5	27	37	42	52	5	37	47	–	6	4	1	M3×0.5	10.2	3	7.5	5
16	34	44	5.5	28.5	38.5	44	54	5.5	38.5	48.5	–	6	4	1.5	M3×0.5	11	3	8	5.5
20	35	45	5.5	29.5	39.5	45	55	5.5	39.5	49.5	36	8	4	1.5	M4×0.7	13	3	9	5.5
25	37	47	6	31	41	47	57	6	41	51	42	10	4	2	M5×0.8	17	3	9.2	5.5
32	41.5	51.5	7	34.5	44.5	51.5	61.5	7	44.5	54.5	50	12	4	3	M6×1	22	3	9	9
40	43	53	7	36	46	53	63	7	46	56	58.5	12	4	3	M8×1.25	28	3	9.5	7.5
50	47	57	9	38	48	57	67	9	48	58	71.5	15	5	4	M10×1.5	38	3	10.5	10.5
63	51	61	9	42	52	61	71	9	52	62	84.5	15	5	4	M10×1.5	40	3	11.8	11.8

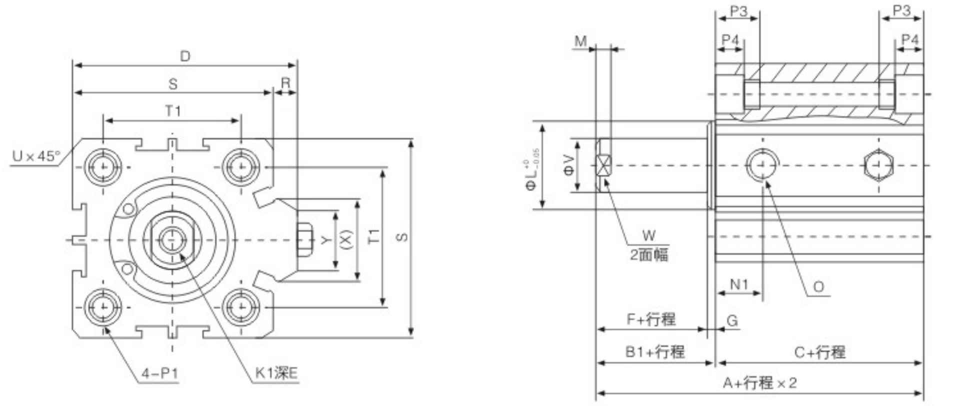
内径/符号ID/Mark	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	M5×0.8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	15	5.5	2	40	28	–	3.1	10	8	12	10
32	G1/8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	G1/8	双边(Double side): ϕ10牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20

JSDA-T、JSDDA-T CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸

Φ12~Φ16



Φ20~Φ63

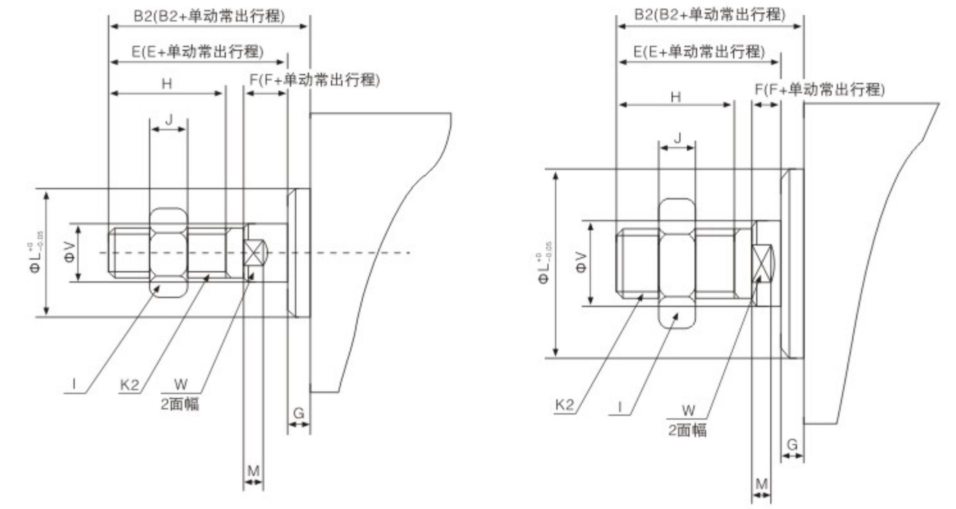


型式 Style / 符号 / 内径 行程	不附磁 Without magnetic A		B1	C		附磁 Magnetic A		B1	C		D	E	F	G	K1	L	M	N1	N2
	≤10	>10		≤10	>10	≤10	>10		≤10	>10									
12	32	42	5	27	37	42	52	5	37	47	–	6	4	1	M3×0.5	10.2	3	7.5	5
16	34	44	5.5	28.5	38.5	44	54	5.5	38.5	48.5	–	6	4	1.5	M3×0.5	11	3	8	5.5
20	35	45	5.5	29.5	39.5	45	55	5.5	39.5	49.5	36	8	4	1.5	M4×0.7	13	3	9	5.5
25	37	47	6	31	41	47	57	6	41	51	42	10	4	2	M5×0.8	17	3	9.2	5.5
32	41.5	51.5	7	34.5	44.5	41.5	61.5	7	44.5	54.5	50	12	4	3	M6×1	22	3	9	9
40	43	53	7	36	46	53	63	7	46	56	58.5	12	4	3	M8×1.25	28	3	9.5	7.5
50	47	57	9	38	48	57	67	9	48	58	71.5	15	5	4	M10×1.5	38	3	10.5	10.5
63	51	61	9	42	52	61	71	9	52	62	84.5	15	5	4	M10×1.5	40	3	11.8	11.8

内径/符号ID/Mark	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	M5×0.8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	15	5.5	2	40	28	–	3.1	10	8	12	10
32	G1/8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	G1/8	双边(Double side): ϕ10牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	G1/4	双边(Double side): ϕ11牙(Dens)M12×1.75通孔(Pet hole): ϕ9.2	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	G1/4	双边(Double side): ϕ11牙(Dens)M14×2通孔(Pet hole): ϕ11.3	25	8.5	9.5	62	60	–	3.15	20	17	28.7	20

JSDA-T、JSDDA-T CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸

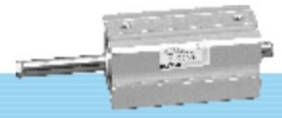
Φ12~Φ16



内径/符号 ID/Mark	B2	E	F	C	H	I	J	K2	L	M	V	W
12	17	16	4	1	10	8	4	M5×0.8	10.2	3	6	5
16	17.5	16	4	1.5	10	8	4	M5×0.8	11	3	6	5
20	20.5	19	4	1.5	13	10	5	M6×10	13	3	8	6
25	23	21	4	2	15	12	6	M8×1.25	17	3	10	8
32	25	22	4	3	15	17	6	M10×1.25	22	3	12	10
40	35	32	4	3	25	19	8	M14×1.5	28	3	16	14
50	37	33	5	4	25	27	11	M18×1.5	38	3	20	17
63	37	33	5	4	25	27	11	M18×1.5	40	3	20	17
80	44	39	6	5	30	32	13	M22×1.5	45	4	25	22
100	50	45	7	5	35	36	13	M26×1.5	55	4	32	27

JSDAD SERIES

Double Rod Compact Cylinder 双轴薄型气缸



JISP

TECHNICAL DATA 技术参数

内径(mm)	ID	12	16	20	25	32	40	50	63	80	100
动作型式	Action mode	复动型 Fixed type									
工作介质	Operating medium	经过滤压缩空气 Filtered impressed air									
使用压力范围 Kgf/cm²	Rang of pressure applied	1.5~10									
保证耐压力 Kgf/cm²	Guarantee pressure with stand	15									
使用温度范围℃	Rang of temp applied	0~70									
使用速度范围 mm/s	Rang of speed applied	30~500						30~350		30~250	
缓冲型式	Buffer mode	固定式缓冲 Fixation buffer									
接管口径	Adapter diameter	M5×0.8				G1/8″		G1/4″		G3/8″	

STANDARD TRAVEL 标准行程

内径(mm)	12 16	20	25		32 40 50	63 80 100
不附磁	5~60mm 每5mm一级	5~85mm 每5mm一级	5~90mm 每5mm一级	100~110mm 每10mm一级	5~90mm 每5mm一级	100~130mm 每10mm一级
附磁型	5~50mm 每5mm一级	5~75mm 每5mm一级	5~90mm 每5mm一级	100mm	5~90mm 每5mm一级	100~120mm 每10mm一级
最大行程	60mm	100mm	120mm		130mm	

EXAMPLE 示例

欲订购缸径为20mm，行程为30mm，附磁石，活塞杆牙型为内牙型式的双轴复动型超薄气缸，其订购码代号为：JSDDAD-20×30。

欲订购缸径为63mm,行程为30mm,不附磁石，活塞杆牙型为无牙型式的双轴复动型超薄气缸，其订购码代号为：JSDAD-63×30-N。

If you want to buy the double axle reset slim model cylinder with the diameter of 63mm,travel of 30mm,with magnetic and the pistol rod teeth type is inside teeth type that the right order number is JSDDAD-20×30.

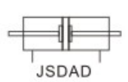
If you want to buy the double axle reset slim model cylinder with the diameter of 63mm,travel of 30mm,without magnetic and the pistol rod teeth type is non-teeth type is non-teeth type that the right order number is JSDAD-63×30-N.

ORDERING CODE 订购代码

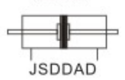
JS D DAD - 20 x 30 - S - B

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



JSDAD



JSDDAD

Bore Size 缸径

20	Φ20	50	Φ50
25	Φ25	63	Φ63
32	Φ32	80	Φ80
40	Φ40	100	Φ100

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Action 动作方式

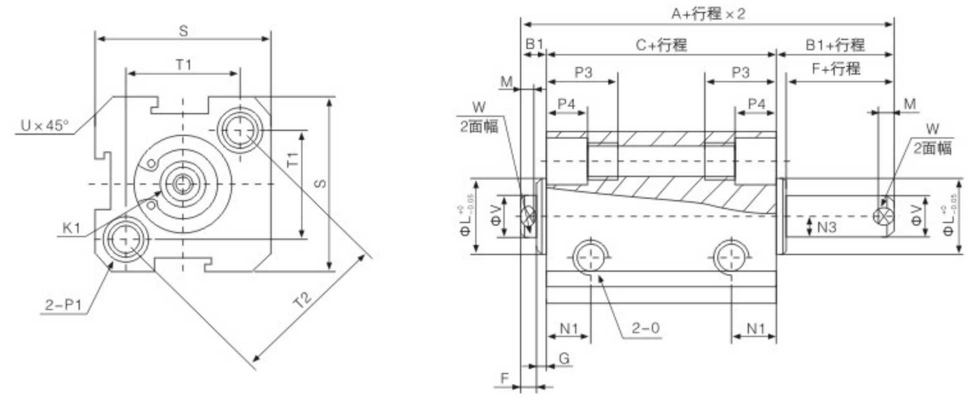
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Dens type 牙型

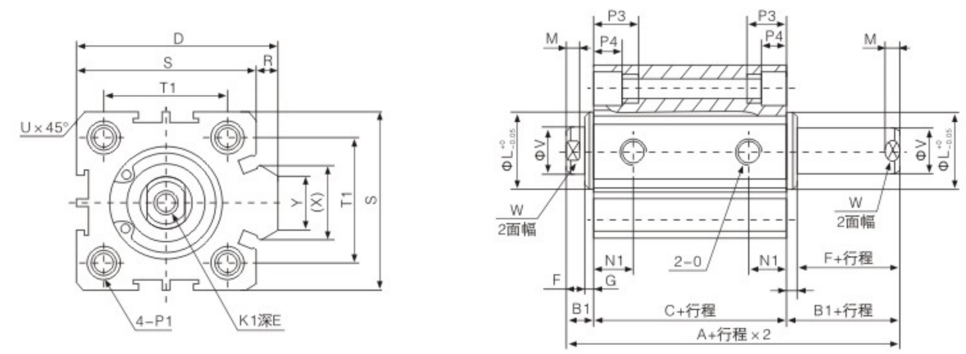
Black 空白	Endo-dens 内牙
B	Extra-dens 外牙齿
N	un-dens 无牙

JSDAD、JSDDAD SLIMMIDEL CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸

Φ12~Φ16



Φ20~Φ100



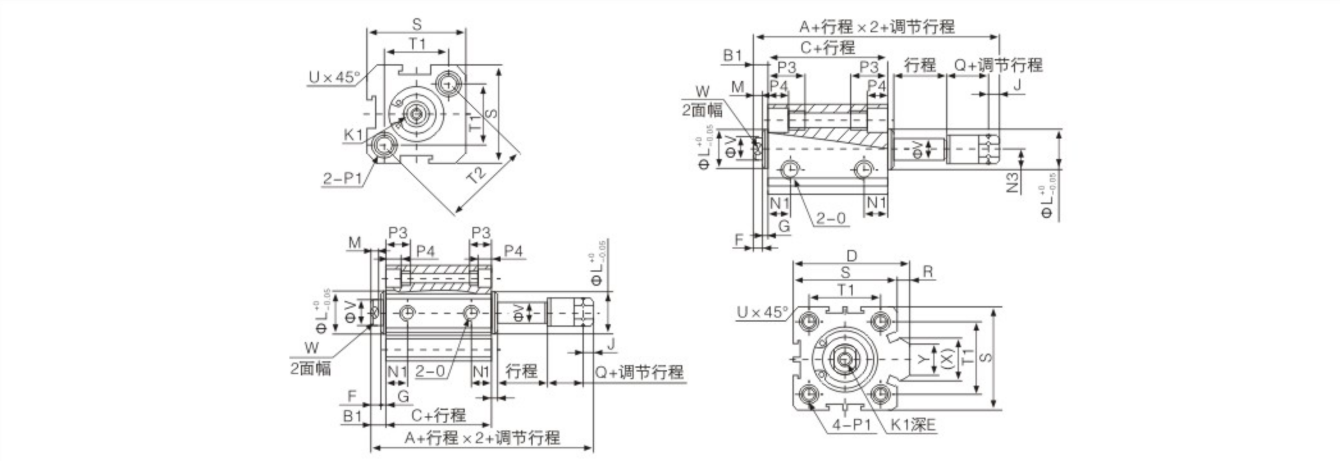
型式 Style / 内径/符号 ID/Mark	标准型 Standard type A	B1	C	附磁型 Magnetic type A	B1	C	D	E 行程≤10 Travel≤10	E 行程>10 Travel>10	F	G	K1	L	M	N1
12	27	5	17	37	5	27	–	6		4	1	M3×0.5	10.2	3	6.3
16	29.5	5.5	18.5	39.5	5.5	28.5	–	6		4	1.5	M3×0.5	11	3	7.3
20	30.5	5.5	19.5	40.5	5.5	29.5	36	8(行程=5时为6.5)		4	1.5	M4×0.7	13	3	7.5
25	33	6	21	43	6	31	42	10(行程=5时为7)		4	2	M5×0.8	17	3	8
32	38.5	7	24.5	48.5	7	34.5	50	8	12	4	3	M6×1	22	3	9
40	40	7	26	50	7	36	58.5	9	12	4	3	M8×1.25	28	3	10
50	46	9	28	56	9	38	71.5	11	15	5	4	M10×1.5	38	3	10.5
63	50	9	32	60	9	42	84.5	11	15	5	4	M10×1.5	40	3	11.8
80	63	11	41	73	11	51	104	14	20	6	5	M14×1.5	45	4	14.5
100	75	12	51	85	12	61	124	18	20	7	5	M18×1.5	55	4	17.5

内径/符号ID/Mark	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	6.5	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	–	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	–	M5×0.8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	15	5.5	2	40	28	–	3.1	10	8	12	10
32	–	G1/8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	–	G1/8	双边(Double side): ϕ10牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	–	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	–	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20
80	–	G3/8	双边(Double side): ϕ14牙(Dens)M12×1.75通孔(Pet hole): ϕ9.2	25	10.5	10	94	74	–	3.65	25	22	36	26
100	–	G3/8	双边(Double side): ϕ17.5牙(Dens)M14×2通孔(Pet hole): ϕ11.3	30	13	10	114	90	–	3.65	32	27	35	26

JSDAJ SERIES

Stroke Adjustable Compact Cylinder 行程可调薄型气缸

JSDAJ、JSDDAJ SLIMMIDEL CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸



TECHNICAL DATA 技术参数

型式 Style	标准型 Standard type			附磁型 Magnetic type				E							
内径/符号 ID/Mark	A	B1	C	A	B1	C	D	行程≤10 Stroke≤10	行程>10 Stroke>10	F	G	K1	L	M	N1
12	40	5	17	50	5	27	–	6		4	1	M3×0.5	10.2	3	6.3
16	42.5	5.5	18.5	52.5	5.5	28.5	–	6		4	1.5	M3×0.5	11	3	7.3
20	47.5	5.5	19.5	57.5	5.5	29.5	36	8(行程=5时为6.5)		4	1.5	M4×0.7	13	3	7.5
25	54	6	21	64	6	31	42	10(行程=5时为7)		4	2	M5×0.8	17	3	8
32	61.5	7	24.5	71.5	7	34.5	50	8	12	4	3	M6×1	22	3	9
40	65	7	26	75	7	36	58.5	9	12	4	3	M8×1.25	28	3	10
50	73	9	28	83	9	38	71.5	11	15	5	4	M10×1.5	38	3	10.5
63	77	9	32	87	9	42	84.5	11	15	5	4	M10×1.5	40	3	11.8
80	94	11	41	104	11	51	104	14	20	6	5	M14×1.5	45	4	14.5
100	105	12	51	115	12	61	124	18	20	7	5	M18×1.5	55	4	17.5

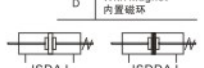
内径/符号ID/Mark	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	6.5	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	–	M5×0.8	双边(Double side): ϕ6.5牙(Dens)M5×0.8通孔(Pet hole): ϕ4.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	–	M5×0.8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	15	5.5	2	40	28	–	3.1	10	8	12	10
32	–	G1/8	双边(Double side): ϕ8.2牙(Dens)M6×1.0通孔(Pet hole): ϕ4.6	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	–	G1/8	双边(Double side): ϕ10牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	–	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	–	G1/4	双边(Double side): ϕ11牙(Dens)M8×1.25通孔(Pet hole): ϕ6.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20
80	–	G3/8	双边(Double side): ϕ14牙(Dens)M12×1.75通孔(Pet hole): ϕ9.2	25	10.5	10	94	74	–	3.65	25	22	36	26
100	–	G3/8	双边(Double side): ϕ17.5牙(Dens)M14×2通孔(Pet hole): ϕ11.3	30	13	10	114	90	–	3.65	32	27	35	26

ORDERING CODE 订购代码

JS D DAJ - 20 x 30 - 10 - S - B

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



Bore Size 缸径

20	Φ20	50	Φ50
25	Φ25	63	Φ63
32	Φ32	80	Φ80
40	Φ40	100	Φ100

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Adjustable stroke 调整行程

25:25mm
50:50mm

Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Dens type 牙型

Black 空白	Endo-dens 内牙
B	Extra-dens 外牙
N	un-dens 无牙

JSDAT SERIES

Compact Cylinder 超薄气缸

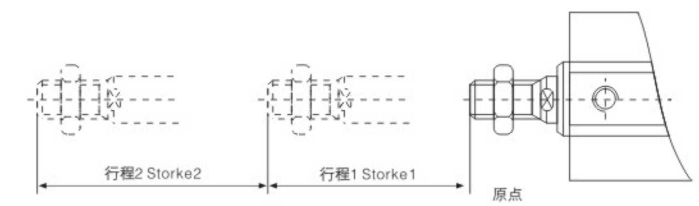
TECHNICAL DATA 技术参数

内径(mm)	ID	12	16	20	25	32	40	50	63	80	100
动作型式	Action mode	复动型 Double action type									
工作介质	Operating medium	经过滤压缩空气 Filtered impressed air									
使用压力范围 Kgf/cm²	Range of pressure applied	1.5~10									
保证耐压力 Kgf/cm²	Guarantee pressure with stand	15									
使用温度范围℃	Range of temp applied	0~70									
使用速度范围 mm/s	Range of speed applied	30~500						30~350		30~250	
缓冲型式	Buffer mode	固定式缓冲 Fixation buffer									
接管口径	Adapter diameter	M5×0.8				G1/8″		G1/4″		G3/8″	

STANDARD TRAVEL 标准行程

内径(mm)	12 16	20	25		32 40 50	63 80 100
不附磁	5~60mm 每5mm–级	5~85mm 每5mm–级	5~90mm 每5mm–级	100~110mm 每10mm–级	5~90mm 每5mm–级	100~130mm 每10mm–级
附磁型	5~50mm 每5mm–级	5~75mm 每5mm–级	5~90mm 每5mm–级	100mm	5~90mm 每5mm–级	100~120mm 每10mm–级
最大行程	60mm	100mm	120mm		130mm	

*特殊行程请与本公司联系定制。*Please contact with our factory to made to order if you need special travel.

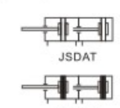


ORDERING CODE 订购代码

JS D DAT - 20 x 30 - 10 - B

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



Bore Size 缸径

20	Φ20	50	Φ50
25	Φ25	63	Φ63
32	Φ32	80	Φ80
40	Φ40	100	Φ100

Strocke 1 行程 1

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Strocke 2 行程 2

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Dens type 牙型

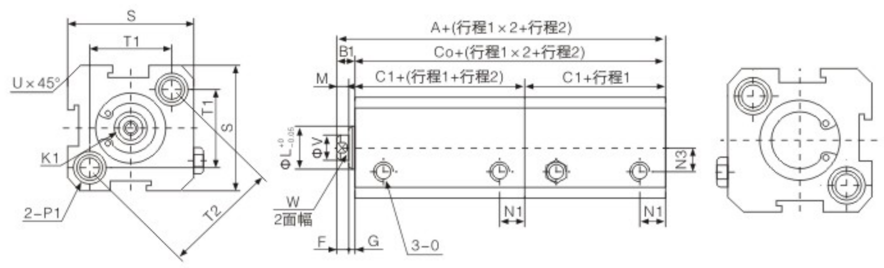
Black 空白	Endo-dens 内牙
B	Extra-dens 外牙
N	un-dens 无牙

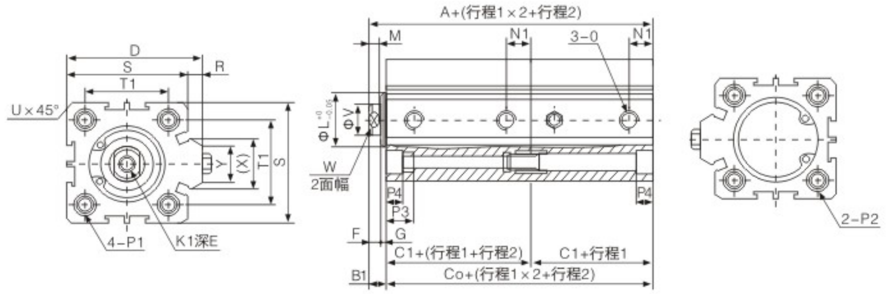
JSDDAT SERIES

Compact Cylinder 超薄气缸

JISP

JSDAT、JSDDAT SLIMMIDEL CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸

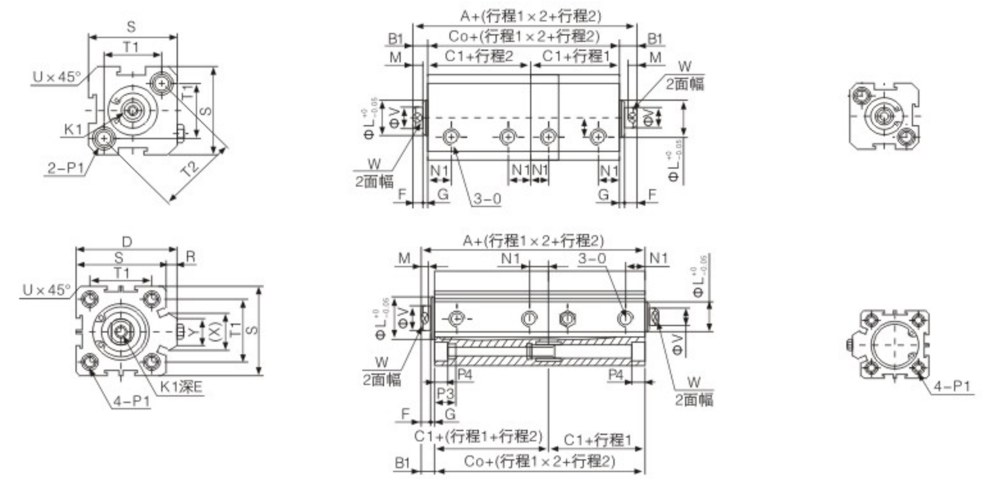




型式 Style	标准型 Standard type				附磁型 Magnetic type				D	E		F	G	K1	L	M	N1	N3
内径/符号 ID/Mark	A	B1	CO	C1	A	B1	CO	C1		行程≤10 Stroke≤10	行程>10 Stroke>10							
12	39	5	34	17	59	5	54	27	–	6		4	1	M3×0.5	10.2	3	6.3	6
16	42.5	5.5	37	18.5	62.5	5.5	57	28.5	–	6		4	1.5	M3×0.5	11	3	7.3	6.5
20	44.5	5.5	39	19.5	64.5	5.5	59	29.5	36	8		4	1.5	M4×0.7	13	3	7.5	–
25	48	6	42	21	68	6	62	31	42	10		4	2	M5×0.8	17	3	8	–
32	56	7	49	24.5	76	7	69	34.5	50	12		4	3	M6×1	22	3	9	–
40	59	7	52	26	79	7	72	36	58.5	12		4	3	M8×1.25	28	3	10	–
50	65	9	56	28	85	9	76	38	71.5	15		5	4	M10×1.5	38	3	10.5	–
63	73	9	64	32	93	9	84	42	84.5	15		5	4	M10×1.5	40	3	11.8	–
80	93	11	82	41	113	11	102	51	104	15	18	6	5	M14×1.5	45	4	14.5	–
100	114	12	102	51	134	12	122	61	124	18	20	7	5	M18×1.5	55	4	20.5	–

内径/符号ID/Mark	O	P1	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5×0.8	ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	–	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	M5×0.8	ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	–	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	M5×0.8	双边(Double side):ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	双边(Double side):ϕ6.5牙通孔(Pet hole):ϕ5.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	M5×0.8	双边(Double side):ϕ8.2牙(Dens)M6×1.0通孔(Pet hole):ϕ4.6	双边(Double side):ϕ8.2牙4通孔(Pet hole):ϕ6.2	15	5.5	2	40	28	–	3.1	10	8	12	10
32	G1/8	双边(Double side):ϕ8.2牙(Dens)M6×1.0通孔(Pet hole):ϕ4.6	双边(Double side):ϕ8.2牙通孔(Pet hole):ϕ6.2	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	G1/8	双边(Double side):ϕ10牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ10牙通孔(Pet hole):ϕ8.2	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	G1/4	双边(Double side):ϕ11牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ11牙通孔(Pet hole):ϕ8.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	G1/4	双边(Double side):ϕ11牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ11牙通孔(Pet hole):ϕ8.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20
80	G3/8	双边(Double side):ϕ14牙(Dens)M12×1.75通孔(Pet hole):ϕ9.2	双边(Double side):ϕ14牙通孔(Pet hole):ϕ12.3	25	10.5	10	94	74	–	3.65	25	22	36	26
100	G3/8	双边(Double side):ϕ17.5牙(Dens)M14×2通孔(Pet hole):ϕ11.3	双边(Double side):ϕ17.5牙通孔(Pet hole):ϕ14.2	30	13	10	114	90	–	3.65	32	27	35	26

JSDAW、JSDDAW SLIMMIDEL CYLINDER PRINCIPLE MODEL AND SIZE 超薄气缸基本型及尺寸



型式 Style	标准型 Standard type				附磁型 Magnetic type				D	E		F	G	K1	L	M	N1	N3	Co
内径/符号 ID/Mark	A	B1	C0	C1	A	B1	C0	C1		行程≤10 Stroke≤10	行程>10 Stroke>10								
12	44	5	34	17	64	5	54	27	–	6		4	1	M3×0.5	10.2	3	6.3	6	54
16	48	5.5	37	18.5	68	5.5	57	28.5	–	6		4	1.5	M3×0.5	11	3	7.3	6.5	57
20	50	5.5	39	19.5	70	5.5	59	29.5	36	8		4	1.5	M4×0.7	13	3	7.5	–	59
25	54	6	42	21	74	6	62	31	42	10		4	2	M5×0.8	17	3	8	–	62
32	63	7	49	24.5	83	7	69	34.5	50	12		4	3	M6×1	22	3	9	–	69
40	66	7	52	26	86	7	72	36	58.5	12		4	3	M8×1.25	28	3	10	–	72
50	74	9	56	28	94	9	76	38	71.5	15		5	4	M10×1.5	38	3	10.5	–	76
63	82	9	64	32	102	9	84	42	84.5	15		5	4	M10×1.5	40	3	11.8	–	84
80	104	11	82	41	124	11	102	51	104	15	18	6	5	M14×1.5	45	4	14.5	–	102
100	126	12	102	51	146	12	122	61	124	18	20	7	5	M18×1.5	55	4	20.5	–	122

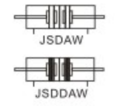
内径/符号ID/Mark	O	P1	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	M5×0.8	ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	–	12	4.5	–	25	16.2	23	1.6	6	5	–	–
16	M5×0.8	ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	–	12	4.5	–	29	19.8	28	1.6	6	5	–	–
20	M5×0.8	双边(Double side):ϕ6.5牙(Dens)M5×0.8通孔(Pet hole):ϕ4.2	双边(Double side):ϕ6.5牙通孔(Pet hole):ϕ5.2	14	4.5	2	34	24	–	2.1	8	6	11.3	10
25	M5×0.8	双边(Double side):ϕ8.2牙(Dens)M6×1.0通孔(Pet hole):ϕ4.6	双边(Double side):ϕ8.2牙4通孔(Pet hole):ϕ6.2	15	5.5	2	40	28	–	3.1	10	8	12	10
32	G1/8	双边(Double side):ϕ8.2牙(Dens)M6×1.0通孔(Pet hole):ϕ4.6	双边(Double side):ϕ8.2牙通孔(Pet hole):ϕ6.2	16	5.5	6	44	34	–	2.15	12	10	18.3	15
40	G1/8	双边(Double side):ϕ10牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ10牙通孔(Pet hole):ϕ8.2	20	7.5	6.5	52	40	–	2.25	16	14	21.3	16
50	G1/4	双边(Double side):ϕ11牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ11牙通孔(Pet hole):ϕ8.5	25	8.5	9.5	62	48	–	4.15	20	17	30	20
63	G1/4	双边(Double side):ϕ11牙(Dens)M8×1.25通孔(Pet hole):ϕ6.5	双边(Double side):ϕ11牙通孔(Pet hole):ϕ8.5	25	8.5	9.5	75	60	–	3.15	20	17	28.7	20
80	G3/8	双边(Double side):ϕ14牙(Dens)M12×1.75通孔(Pet hole):ϕ9.2	双边(Double side):ϕ14牙通孔(Pet hole):ϕ12.3	25	10.5	10	94	74	–	3.65	25	22	36	26
100	G3/8	双边(Double side):ϕ17.5牙(Dens)M14×2通孔(Pet hole):ϕ11.3	双边(Double side):ϕ17.5牙通孔(Pet hole):ϕ14.2	30	13	10	114	90	–	3.65	32	27	35	26

ORDERING CODE 订购代码

JS D DAW - 20 x 30 - 10 - B

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



Bore Size 缸径

20	Φ20	50	Φ50
25	Φ25	63	Φ63
32	Φ32	80	Φ80
40	Φ40	100	Φ100

Strocke 1 行程 1

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Strocke 2 行程 2

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
20,25	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
32,40,50,63	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80
80,100	5,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80

Dens type 牙型

Black 空白	Endo-dens 内牙
B	Extra-dens 外牙
N	un-dens 无牙

JISP

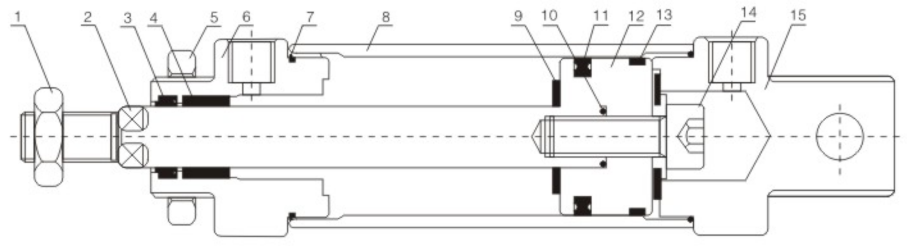
TECHNICAL DATA 技术参数

内径(mm)	Cylinder ID	20	25	32	40
动作型式	Action mode	复动型Double acting type			
工作介质	Operating medium	经过滤的压缩空气Fittered impressed air			
固定型式	Fixation mode	基本型Basie mode LB型 FA型 SDB型			
使用压力范围Kgf/cm²	Range of pressure applied	1.5 ~ 10			
保证耐压力Kgf/cm²	Guaratee pressure with stand	15			
使用温度范围℃	Environment temp	0 ~ 70			
使用速度范围mm/s	Range of speed applied	30 ~ 800			
接管口径	Adapter diameter	G1/8"			G1/4"

STANDARD STROKE 标准行程

内径 ID(mm)	标准行程 Standard travel														最大行程 Max.travel	容许行程 Permitted travrl
20	25	50	75	100	125	150	175	200	250	300	350	400	450	500	500	800
25	25	50	75	100	125	150	175	200	250	300	350	400	450	500	800	1200
32	25	50	75	100	125	150	175	200	250	300	350	400	450	500	800	1200
40	25	50	75	100	125	150	175	200	250	300	350	400	450	500	1200	1500

INNER STRUCTURE 内部结构

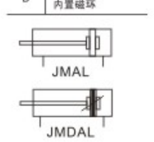


序号Mark	名称	Name	序号Mark	名称	Name
1	螺母	Nut	2	活塞杆	Piston rod
3	前盖密封圈	Front cover joint ring	4	含油轴承	Oil-impregnated bearign
5	前盖螺母	Front cover nut	6	前盖	Front cover
7	管壁O形圈	Pipe wall O shape	8	铝管	Aluminium pipe
9	防撞垫片	Pin bunt insertion piece	10	活塞杆O形圈	Piston rob O shape
11	活塞O形圈	Piston O shape	12	活塞	Piston
13	耐磨环	Auti-friction ring	14	内六角螺栓	mside six angels
15	后盖	Back cover			

ORDERING CODE 订购代码

JM D AL - 20 x 50 - S - LB

Magnet 磁环	
Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



Bore Size 缸径	
16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

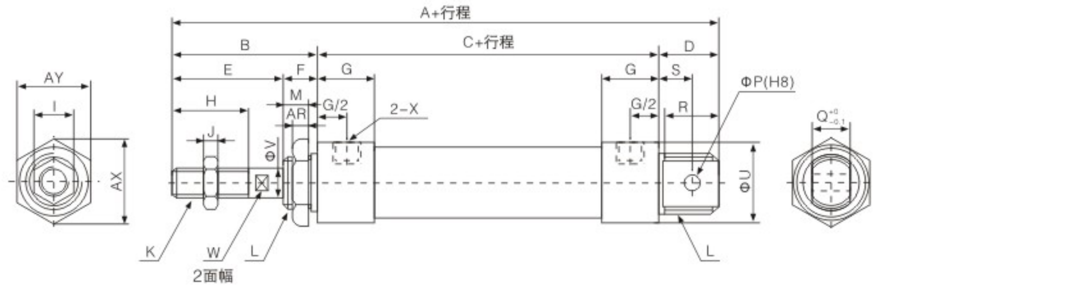
Action 动作方式	
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式
空白
LB
FA
FB
CA
CB
TC
TC-M

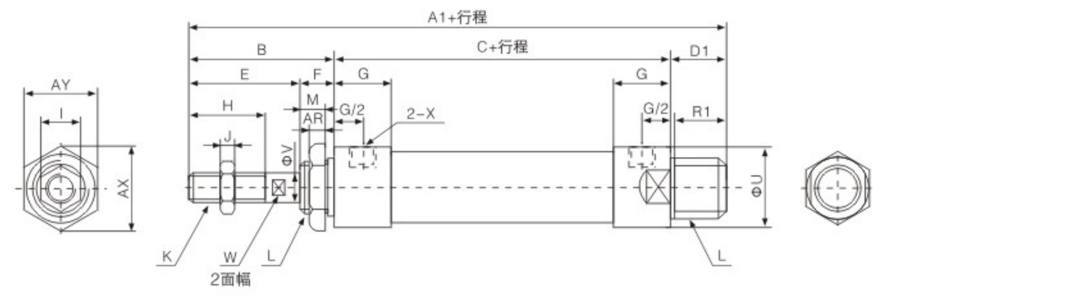
适用于 ϕ32~ϕ100

JMAL CYLINDER PRINCIPLE MODEL AND SIZE JMAL气缸基本型及尺寸

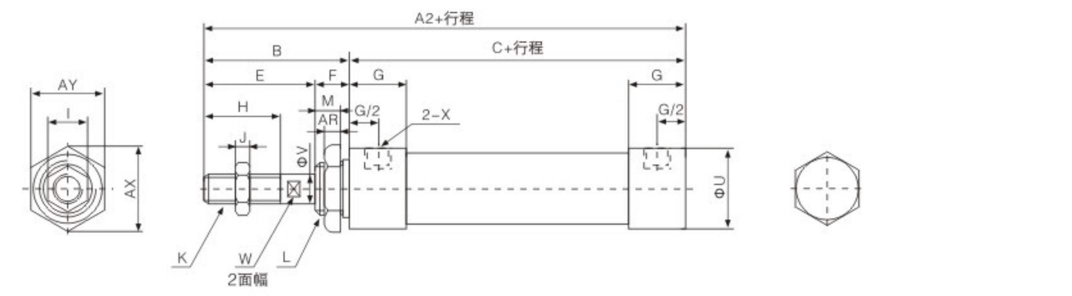
摆尾型 Fishtailing type



圆尾型 Round tail type



平尾型 Plain tail type



内径/符号ID/Mark	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
16	105	105	90	38	52	15	15	24	14	11	16	10	6	M6 × 1
20	131	122	110	40	70	21	12	28	12	16	20	12	6	M8 × 1.25
25	135	128	114	44	70	21	14	30	14	16	22	17	6	M10 × 1.25
32	141	128	114	44	70	27	14	30	14	16	22	17	6	M10 × 1.25
40	165	152	138	46	92	27	14	32	14	22	24	17	7	M12 × 1.25

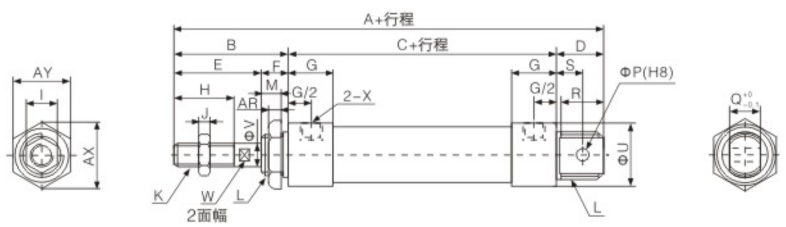
内径/符号ID/Mark	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M16 × 1.5	12	6	12	13	13	9	21	6	5	M5	6	27	24
20	M22 × 1.5	10	8	16	19	12	12	29	10	8	G1/8"	7	33	29
25	M22 × 1.5	12	8	16	19	12	12	34	12	10	G1/8"	7	33	29
32	M24 × 2.0	12	10	16	25	12	15	39.5	12	10	G1/8"	8	37	32
40	M30 × 2.0	12	12	20	25	12	15	49.5	16	14	G1/4"	9	47	41

JMAL SERIES

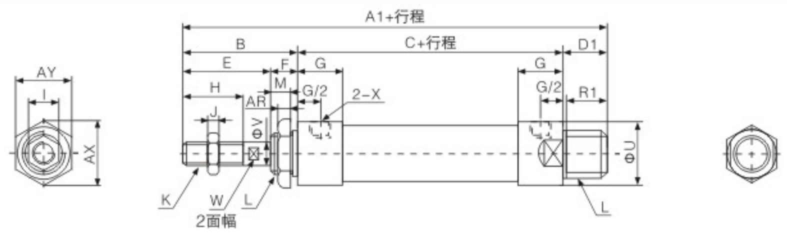
Aluminum Alloy Single Action Mini Cylinder 铝合金单动型迷你气缸

JMAL CYLINDER PRINCIPLE MODEL AND SIZE JMAL气缸基本型及尺寸

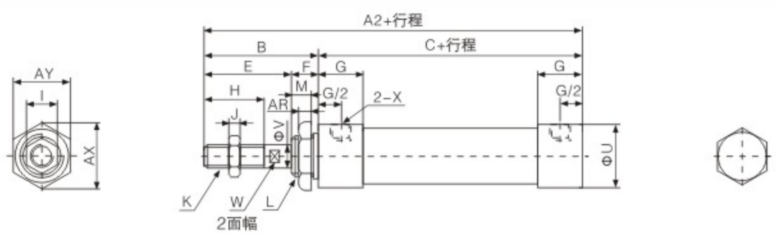
摆尾型 Fishtailing type



圆尾型 Round tail type



平尾型 Plain tail type



符号Mark	A			A1			A2			B	C			D	D1	E	F	G	H	I	J
内径/行程ID/Stroke	0~50	51~100	101~150	0~50	51~100	101~150	0~50	51~100	101~150		0~50	51~100	101~150								
16	105	130	155	105	125	150	90	115	140	38	54	79	104	15	15	24	14	11	16	10	6
20	131	156	181	122	147	172	110	135	160	40	70	95	120	21	12	28	12	16	20	12	6
25	135	160	185	128	153	178	114	139	164	44	70	95	120	21	14	30	14	16	22	17	6
32	141	166	191	128	153	178	114	139	164	44	70	95	120	27	14	30	14	16	22	17	6
40	165	190	215	152	177	202	138	163	188	46	92	117	142	27	14	32	14	22	24	17	7

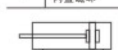
内径/行程ID/Stroke	K	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M6×1	M16×1.5	12	6	12	13	13	9	21	6	5	M5	6	27	24
20	M8×1.25	M22×1.5	10	8	16	19	12	12	29	10	8	G1/8"	7	33	29
25	M10×1.25	M22×1.5	12	8	16	19	14	12	34	12	10	G1/8"	7	33	29
32	M10×1.25	M24×2.0	12	10	16	25	14	15	39.5	12	10	G1/8"	8	37	32
40	M12×1.25	M30×2.0	12	12	20	25	14	15	49.5	16	14	G1/4"	9	47	41

ORDERING CODE 订购代码

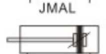
JM D AL - 20 x 50 - S - LB

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



JMAL



JMDAL

Bore Size 缸径

16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

空白	
LB	
FA	
SDB	
CA	Fishtailing shape 摆尾型
U	Plain tail shape 平尾型
CM	d arund tail shape 圆尾型

JMALD SERIES

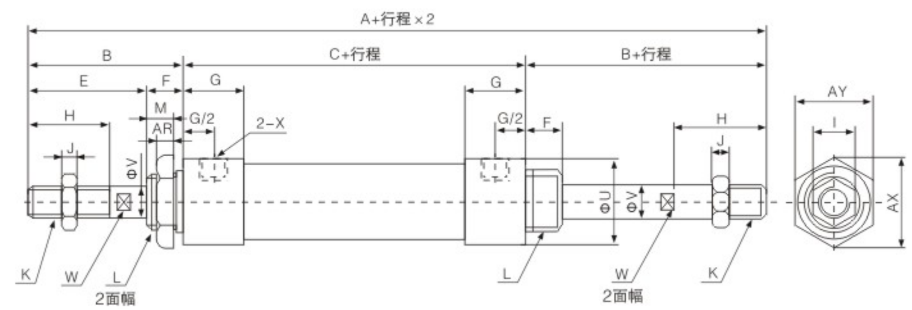
Aluminum Alloy Double Rod Mini Cylinder 铝合金双轴迷你气缸

JISP

TECHNICAL DATA 技术参数

内径(mm)	ID	16	20	25	32	40
动作型式	Action mode	复动型Double acting type				
工作介质	Operating medium	经过滤的压缩空气Filtered impressed air				
固定型式	Fixation mode	基本型Drincipld made LB型FA型				
使用压力范围Kgf/cm²	Range of pressure applied	1.5~10				
保证耐压力Kgf/cm²	Guarantee pressure with standR	15				
使用温度范围℃	Range of temp applied	0~70				
使用温度范围mm/s	Range of speed applied	30~800				
接管口径	Adapter diameter	M5	G1/8"			G1/4"

JMALD CYLINDER PRINCIPLE MODEL AND SIZE JMALD 气缸基本型及尺寸



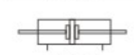
内径/符号 ID/Mark	A	B	C	E	F	G	H	I	J	K	L	M	U	V	W	X	AR	AX	AY
16	128	38	52	24	14	11	16	10	6	M6×1	M16×1.5	12	21	6	5	M5	5	27	24
20	150	40	70	28	12	16	20	12	6	M8×1.25	M22×1.5	10	29	10	8	G1/8"	7	33	29
25	158	44	70	30	14	16	22	17	6	M10×1.25	M22×1.5	12	34	12	10	G1/8"	7	33	29
32	158	44	70	30	14	16	22	17	6	M10×1.25	M24×2.0	12	39.5	12	10	G1/8"	8	37	32
40	184	46	92	32	14	22	24	17	7	M12×1.25	M30×2.0	12	49.5	16	14	G1/4"	9	47	41

ORDERING CODE 订购代码

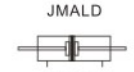
JM D ALD - 20 x 50 - S - LB

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



JMALD



JMDALD

Bore Size 缸径

16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

空白	
LB	
FA	

JMALJ SERIES

Aluminum Adjustable Stroke Mini Cylinder 铝合金行程可调迷你气缸

EXAMPLE 示例

欲订购缸径为40mm，行程为50mm，调整行程为25mm，采用LB型固定方式，附磁石的双轴复动可调行程型铝合金迷你气缸，其正确的订购码代号为:JMDALJ-40×50-25-LB。

欲订购缸径为32mm，行程为100mm，调整行程为50mm，采用FA型固定方式，不附磁石的双轴复动可调行程型铝合金迷你气缸，其正确的订购码代号为: JMALJ-32×100-50-FA。

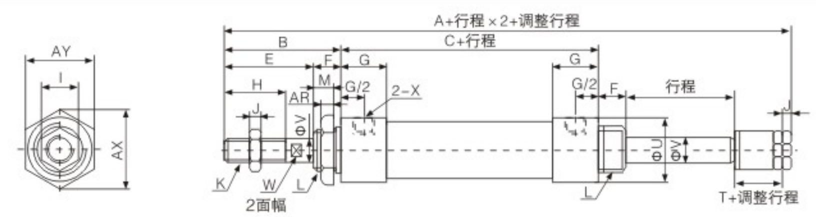
If you to buy the LB fixed double axle reset and adjustable mini type (tie bar type) aluminum alloy cylinder with the diameer of 40mm, travel of 50mm, adjust travel of 25mm and with magnetic that the right order number is JMDALJ-40×50-25-LB.

If you want to the FA double axle reset and adjustable mini type (tie bar type) aluminum alloy cylinder with the diameter of 32mm, travel of 100mm, adjust travel of 50mm and without magnetic that the right order number is JMALJ-32×100-50-FA.

MAIN ALLESSORIES MATERIAL 主要零件材质

内径	ID	16	20	25	32	40
铝管	Aluminium pipe	铝合金		Aluminium alloy		
活塞	Piston	铝合金		Aluminium alloy		
活塞杆	Piston rod	高碳钢(镀硬铬研磨处理)		High carbon sceel		
活塞O形圈	Piston O ring	NBR		NBR		
管壁O形圈	Pipe wall O ring	NBR		NBR		
前盖密封圈	Front cover seal	NBR		NBR		
含油轴承	Oil-impregnated bearing	含油粉末冶铜		Oil-bearing powder hit copper		
前盖	Front cover	铝合金		Aluminium alloy		
耐磨环	Auti-friction ring	F4		F4		
磁铁	Magnet	塑胶		Plastic glue		
防撞垫片	Pinbunt instertion piece	聚氨脂		Polycarbonate		
可调螺帽	Adjustable nut	中碳钢(镀锌研磨处理)		Medium carbon stec		
可调味螺帽垫片	Adjustable nut instertion piece	工程塑钢		Engneering plastic steel		

JMALJ CYLINDER PRINCIPLE MODEL AND SIZE JMALJ 气缸基本型及尺寸



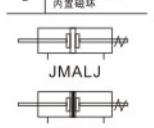
内径/行程ID/Stroke	A	B	C	E	F	G	H	I	J	K	L	M	T	U	V	W	X	AR	AX	AY
16	122	38	52	24	14	11	16	10	6	M6×1	M16×1.5	12	18	21	6	5	M5	6	27	24
20	147	40	70	28	12	16	20	12	6	M8×1.25	M22×1.5	10	19	29	10	8	G1/8"	7	33	29
25	155	44	70	30	14	16	22	17	6	M10×1.25	M22×1.5	12	21	34	12	10	G1/8"	7	33	29
32	155	44	70	30	14	16	22	17	6	M10×1.25	M24×2.0	12	21	39.5	12	10	G1/8"	8	37	32
40	180	46	92	32	14	22	24	17	7	M12×1.25	M30×2.0	12	21	49.5	16	14	G1/4"	9	47	41

ORDERING CODE 订购代码

JM D ALJ - 20 x 50 - 25 - S - LB

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环



Bore Size 缸径

16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Adjustable stroke 调整行程

- 25:25mm
- 50:50mm
- 75:75mm

Action 动作方式

D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

- 空白
- LB
- FA

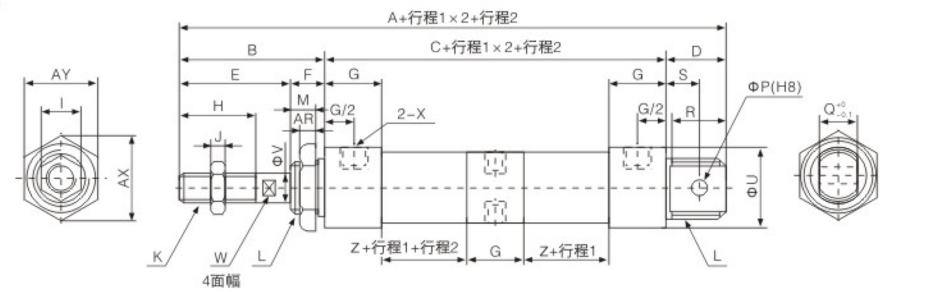
JMALT SERIES

Aluminum Alloy Mini Cylinder 铝合金迷你多位置气缸

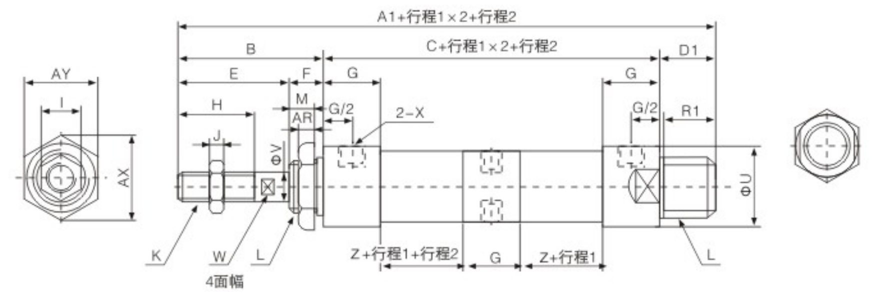
JISP

JMALT CYLINDER PRINCIPLE MODEL AND SIZE JMALT 气缸基本型及尺寸

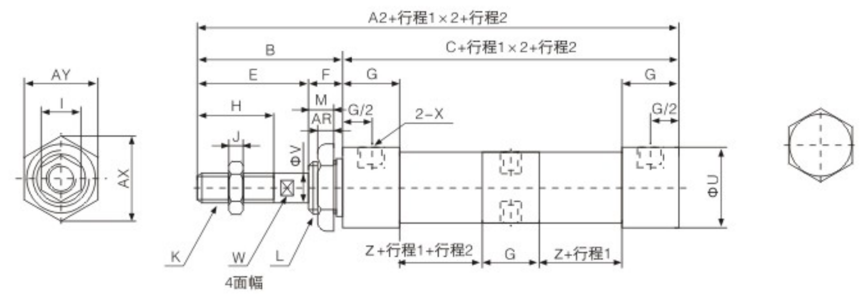
摆尾型 Fishtailing type



圆尾型 Round tail type



平尾型 Plain tail type



内径/符号ID/Mark	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
16	146	146	131	38	93	15	15	24	14	11	16	10	6	M6×1
20	185	176	164	40	124	21	12	28	12	16	20	12	6	M8×1.25
25	189	182	168	44	124	21	14	30	14	16	22	17	6	M10×1.25
32	195	182	168	44	124	27	14	30	14	16	22	17	6	M10×1.25
40	235	222	208	46	162	27	14	32	14	22	24	17	7	M12×1.25

内径/符号ID/Mark	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY	Z
16	M16×1.5	12	6	12	13	13	9	21	6	5	M5	6	27	24	30
20	M22×1.5	10	8	16	19	12	12	29	10	8	G1/8"	7	33	29	38
25	M22×1.5	12	8	16	19	14	12	34	12	10	G1/8"	7	33	29	38
32	M24×2.0	12	10	16	25	14	15	39.5	12	10	G1/8"	8	37	32	38
40	M30×2.0	12	12	20	25	14	15	49.5	16	14	G1/4"	9	47	41	48


FA型type


LB型type


SDB型type

ACCESSORIES MATERIAL 附件材质

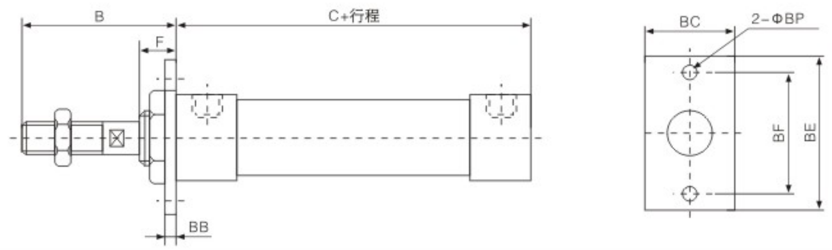
LB 支架 Foot	低碳钢 Lowearbon steel
FA 法兰 Flange	低碳钢 Lowearbon steel
SDB 支架 Foot	低碳钢 Lowearbon steel

ACCESSORIES CHOOSE 附件选配

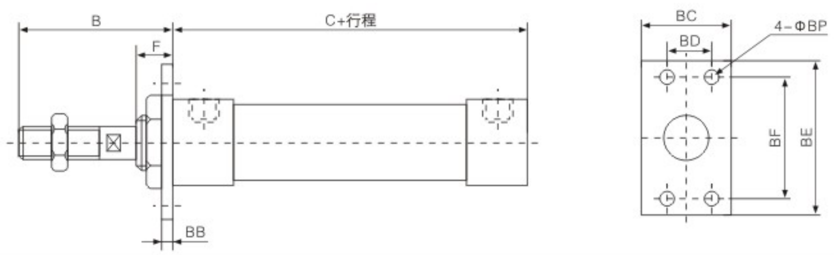
安装附件/产品系列 Accessories installing	MAL系列Series	MSAL系列Series	MALD系列Series	MAIJ系列Series
FB型type	●	●	●	●
LB型type	●	●	●	●
SDB型type	●	●	×	×

ACCESSORIES DIMENSION 附件尺寸

Φ16~Φ25
Fa型type



Φ32~Φ40



内径/符号ID/Mark	B	C(MAL系列)	C(MSAL系列)			BB	BC	BD	BE	BF	BP	F
			0–50	51–100	101–150							
16	34	54	54	79	104	3	26	–	52	40	5.5	12
20	40	70	70	95	120	4	38	–	64	50	6.5	12
25	44	70	70	95	120	4	38	–	64	50	6.5	14
32	44	70	70	95	120	4	47	33	72	58	6.5	14
40	46	92	92	117	142	4	50	36	84	70	6.5	14

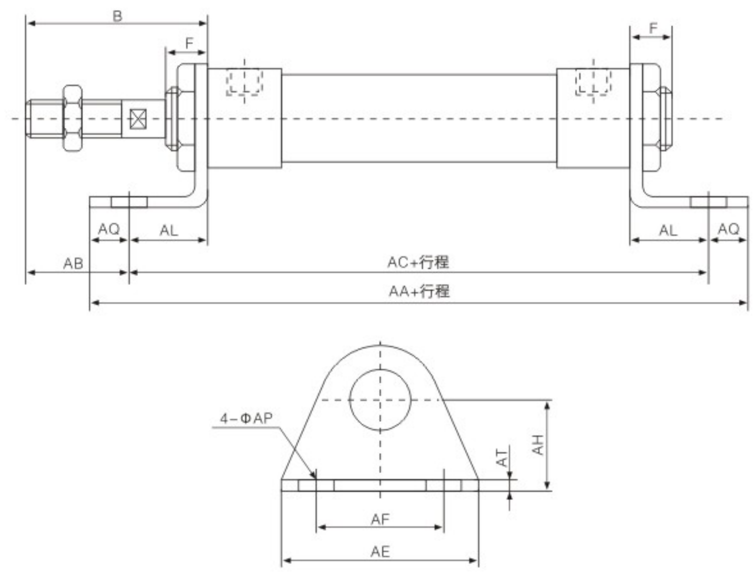
ORDERING CODE 订购代码

JMAL - 32 - LB

Cylinder type 气缸型号	Bore size 缸径	Joint type 接头型号

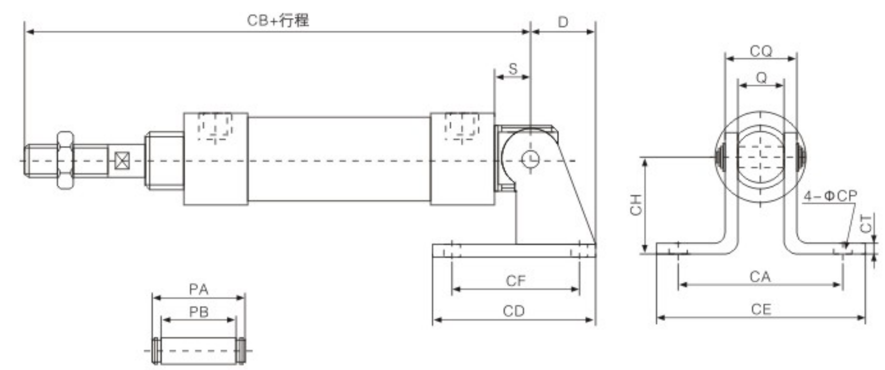
ACCESSORIES DIMENSION 附件尺寸

LB型type



内径/符号 ID/Mark	B	F	AA(MAL系列)	AA(MSAL系列)			AB	AC(MAL系列)	AC(MSAL系列)			AE	AF	AL	AQ	AP	AT	AH
				0–50	51–100	101–150			0–50	51–100	101–150							
16	34	12	92	92	117	142	21	80	80	105	130	44	32	13	6	5.5	3	20
20	40	12	116	116	141	166	25	100	100	125	150	54	40	15	8	6.5	3.2	25
25	44	14	116	116	141	166	29	100	100	125	150	54	40	15	8	6.5	3.2	25
32	44	14	136	136	161	186	19	120	120	145	170	59	45	25	8	6.5	4	32
40	46	14	158	158	183	208	21	142	142	167	192	64	50	25	8	6.5	4.5	36

SDB型type



内径/符号 ID/Mark	D	S	Q	CA	CB	C(MSAL系列)			CD	CE	CF	CH	CT	CP	CQ	PA	PB
						0–50	51–100	101–150									
16	16	9.5	12	–	97.5	97.5	122.5	147.5	23	–	12	20	3	5.5	16.5	21	17
20	21	12	16	51	122	122	147	172	48	67	32	32	3	6.5	22	27	22.5
25	21	12	16	51	126	126	151	176	48	67	32	32	3	6.5	22	27	22.5
32	27	15	16	51	129	129	154	179	52	67	36	36	4	6.5	24	30	24.5
40	27	15	20	55	153	153	178	203	56	71	40	40	4	6.5	28	34	28.5

I：I接头Joint

Y：Y接头Joint

ACCESSORIES MATERIAL 附件材质

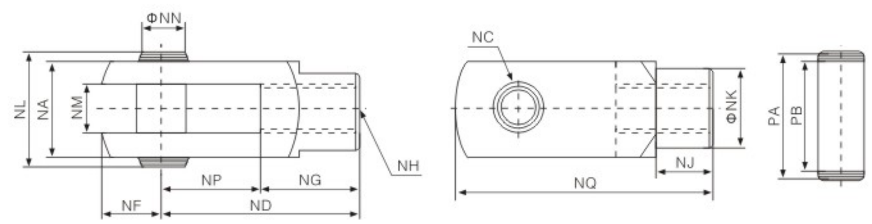
I接头 Joint	低碳钢 Lowearbon steel
Y接头 Joint	低碳钢 Lowearbon steel

JOINT CHOOSE 接头选配

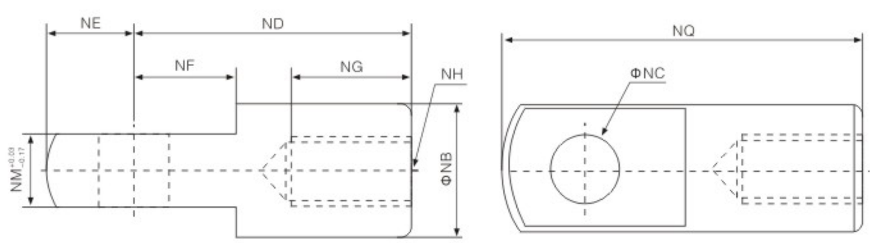
接头/气缸 Joint/Cylinder	MAL	MSAL	MALD	MALJ
Y接头Y Joint	●	●	●	●
I接头I Joint	●	●	●	●

JOINT DIMENSION 接头尺寸

Y接头(Y Joint)



I接头(I Joint)



内径/符号	NA	NB	NC	ND	NE	NF	NG	NH	NJ	NK	NL	NM	NN	NP	NQ	PA	PB
20	16	16	8	30	10	11	15	M8×1.25	10	16	21	8	8	15	40	21	16.5
25	19	20	10	40	12	15	20	M10×1.25	12	20	25	10	10	20	52	25	19.5
32	19	20	10	40	12	15	20	M10×1.25	12	20	25	10	10	20	52	25	19.5
40	25.4	24	10	45	12	15	25	M12×1.25	15	25	31	14	10	20	57	31	26

ORDERING CODE 订购代码

JMAL - 32 - Y

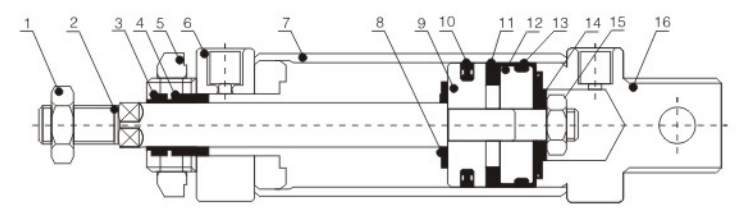
Cylinder type 气缸型号 | Bore size 缸径 | Joint type 接头型号

Joint type 接头型号	
I	Joint I接头
Y	Joint Y接头

TECHNICAL DATA 技术参数

内径(mm)	Bore		16	20	25	32	40
动作型式	Action mode		复动型Double action type				
工作介质	Operating medium		空气Air				
固定型式	Mounting type		基本型Basic LB型type Fa型type SDB型type				
使用压力范围kgf/cm²	Pressure range		1.5~10				
保证耐压力kgf/cm²	Proof pressure range		15				
使用温度范围℃	Temperature range		0~70				
使用速度范围 mm/s	Speed range		30~800				
缓冲型式 Cushion type		标准型 Standard type	防撞垫片Bumper				
		缓冲型 Cushion type	–	可调式缓冲Variable cushion			
接管口径 Port size			M5×0.8	G1/8			

INNER STRUCTURE 内部结构



序号 No.	名称	Item	序号 No.	名称	Item
1	螺母	Rod nut	2	活塞杆	Piston rod
3	前盖密封圈	Rod seal	4	含油轴承	Bushing
5	前盖螺母	Front cover nut	6	前盖	Front cover
7	不锈钢管	Stainless steel tube	8	防撞垫片	Bumper
9	活塞	Pistion	10	活塞O形圈	Piston o-ring
11	磁铁	Magnet	12	磁铁座	Magnet holder
13	耐磨环	Wearing ring	14	后垫华司	Washer
15	外六角螺母	Piston nut	16	后盖	Back cover

ORDERING CODE 订购代码

JM D A - 20 x 50 - LB

Magnet 磁环	
Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径	
16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Fixation mode 固定形式	
Blank 空白	
LB	
FA	
SDB	
Blank 空白	Pivot type 摇尾型
Cm	Round-end type 圆尾型
U	Flat-end type 平尾型

JMA、JMAC SERIES

Stainless Steel Mini Cylinder 不锈钢迷你气缸

MATERIAL OF MAJOR PARTS 主要零件材质

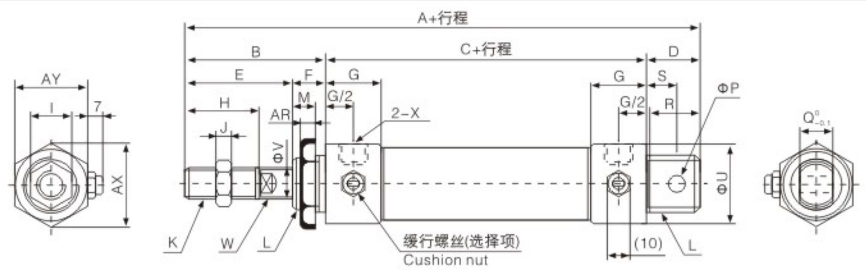
内径	Bore size	16	20	25	32	40
缸筒	Cylinder tube	不锈钢Stainless steel				
活塞	Piston	铝合金Aluminum alloy				
活塞杆	Piston rod	中碳钢(镀硬铬研磨处理)Carbon steel with 20u hand chrome plated				
活塞O形圈	Piston o-ring	NBR				
前盖密封圈	Rod seal	NBR				
含油轴承	Bushing	青铜粉末冶金Copper				
前盖	Front cover	铝合金Aluminum alloy				
后盖	Back cover	铝合金Aluminum alloy				
磁铁	Magnet	塑料Plastic				
防撞垫片	Bumper	NBR				

STROKE LIST 行程

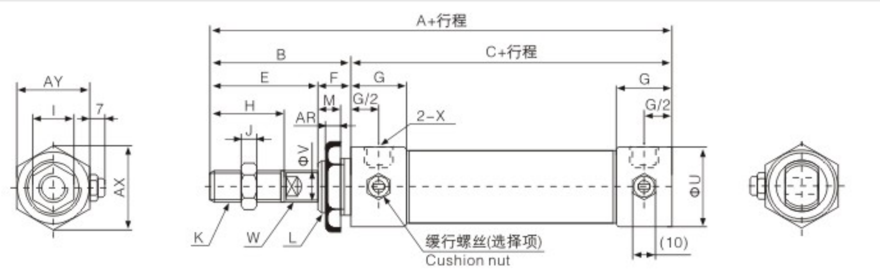
内径/行程 Bore/Stroke	标准行程Standard stroke	最大行程 Max.stroke	容许行程 Permitted stroke
16	25 50 75 80 100 125 150 160 175 200	300	500
20	25 50 75 80 100 125 150 160 175 200 250 300	500	650
25	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650
32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650
40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650

INNER STRUCTURE 内部结构

摆尾型 Pivot type
Φ16~Φ40



平尾型 Flat-end type



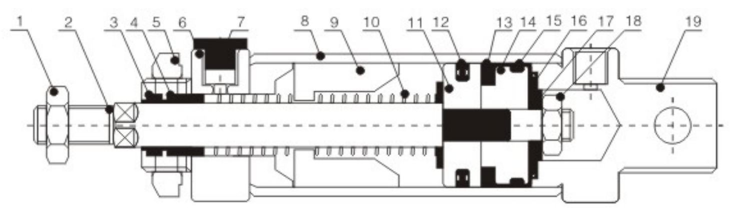
内径/符号ID/Mark	A	A1	B	C	D	E	F	G	H	I	J	K
16	114	98	38	60	16	22	16	10	16	10	5	M6 × 1
20	137	116	40	76	21	28	12	16	20	12	6	M8 × 1.25
25	141	120	44	76	21	30	14	16	22	17	6	M10 × 1.25
32	147	120	44	76	27	30	14	16	22	17	6	M10 × 1.25
40	149	122	46	76	27	32	14	16.7	24	17	7	M12 × 1.25

内径/符号ID/Mark	L	M	P	Q	R	S	U	V	W	X	AR	AX	AY
16	M16 × 1.5	14	6	12	14	9	21	6	5	M5	6	25	22
20	M22 × 1.5	10	8	16	19	12	27	10	8	G1/8	7	33	29
25	M22 × 1.5	12	8	16	19	12	30	12	10	G1/8	7	33	29
32	M24 × 2.0	12	10	16	25	15	35	12	10	G1/8	8	37	32
40	M30 × 2.0	12	12	20	25	15	41.6	16	14	G1/8	9	47	41

JMSA SERIES

Stainless Steel Mini Cylinder 不锈钢迷你气缸

INNER STRUCTURE 内部结构



序号 No.	名称	Item	序号 No.	名称	Item
1	螺母	Rod nut	2	活塞杆	Piston rod
3	前盖密封圈	Rod seal	4	含油轴承	Bushing
5	前盖螺母	Front cover nut	6	前盖	Front cover
7	消音器	Sound absorber	8	不锈钢管	Stainless steel tube
9	弹簧连接座	Spring seat	10	弹簧	Spring
11	活塞	Pistion	12	活塞O形圈	Piston o-ring
13	磁铁	Magnet	14	磁铁座	Magnet holder
15	耐磨环	Wearing ring	16	防撞垫片	Bumper
17	后垫华司	Washer	18	外六角螺母	Piston nut
19	后盖	Back cover			

MATERIAL OF MAJOR PARTS 主要零件材质

内径	Bore size	16	20	25	32	40
缸筒	Cylinder tube	不锈钢Stainless steel				
活塞	Piston	铝合金Aluminum alloy				
活塞杆	Piston rod	中碳钢(镀硬铬研磨处理)Carbon steel with 20u hand chrome plated				
活塞O形圈	Piston o-ring	NBR				
含油轴承	Bushing	青铜粉末冶金Copper				
前盖	Front cover	铝合金Aluminum alloy				
后盖	Back cover	铝合金Aluminum alloy				
磁铁	Magnet	塑料Plastic				
防撞垫片	Bumper	聚氨脂 Polycarbonate				
弹簧	Spring	不锈钢Stainless steel				

ORDERING CODE 订购代码

JM D A - 20 x 50 - S - LB

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径

16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Action 动作方式

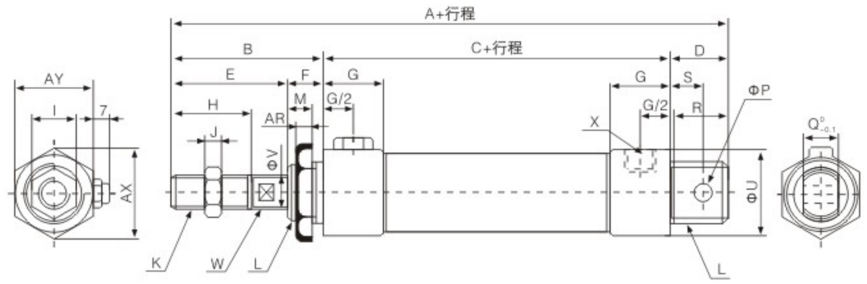
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

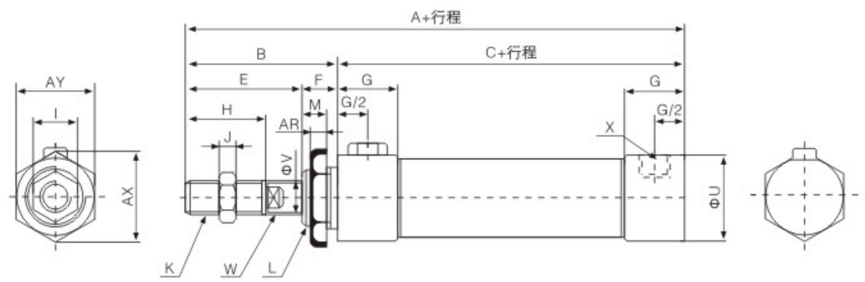
Blank 空白	
LB	
FA	
SDB	
Blank 空白	Pivot type 摆尾型
Cm	Round-end type 圆尾型
U	Flat-end type 平尾型

OVERALL DIMENSION DRAWING 外形尺寸图(mm)

摆尾型 Pivot type
Φ16~Φ40



平尾型 Flat-end type



符号Mark	A		A1		B	C		D	E	F	G	H	I	J	K
内径/行程Bore/Stroke	0~50	51~100	0~50	51~100		0~50	51~100								
16	114	139	98	123	38	60	85	16	22	16	10	16	10	5	M6×1
20	137	162	116	141	40	76	101	21	28	12	16	20	12	6	M8×1.25
25	141	166	120	145	44	76	101	21	30	14	16	22	17	6	M10×1.25
32	147	172	120	145	44	76	101	27	30	14	16	22	17	6	M10×1.25
40	149	174	122	147	46	76	101	27	32	14	16.7	24	17	7	M12×1.25

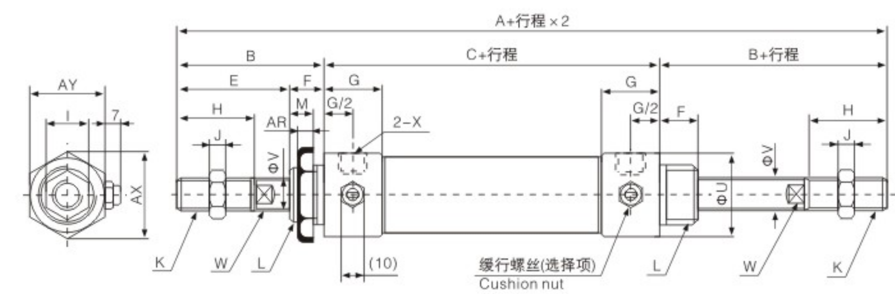
内径/符号Bore/Mark	L	M	P	Q	R	S	U	V	W	X	AR	AX	AY
16	M16×1.5	14	6	12	14	9	21	6	5	M5×0.8	6	25	22
20	M22×1.5	10	8	16	19	12	27	10	8	G1/8	7	33	29
25	M22×1.5	12	8	16	19	12	30	12	10	G1/8	7	33	29
32	M24×2.0	12	10	16	25	15	35	12	10	G1/8	8	37	32
40	M30×2.0	12	12	20	25	15	41.6	16	14	G1/8	9	47	41

TECHNICAL DATA 技术参数

内径(mm)	Bore	16	20	25	32	40
动作型式	Action mode	复动型Double action type				
工作介质	Operating medium	空气Air				
固定型式	Mounting type	基本型Basic LB型type Fa型type				
使用压力范围kgf/cm²	Pressure range	1~9.0				
保证耐压力kgf/cm²	Proof pressure range	13.5				
使用温度范围℃	Temperature range	0~70				
使用速度范围 mm/s	Speed range	30~800				
缓冲型式 Cushion type	标准型 Standard type	防撞垫片Bumper				
	缓冲型 Cushion type	—	可调式缓冲Variable cushion			
接管口径 Port size		M5×0.8	G1/8			

OVERALL DIMENSION DRAWING 外形尺寸图(mm)

Φ16~Φ40



内径/行程Bore/Stroke	A	B	C	E	F	G	H	I	J	K	L
16	136	38	60	22	16	10	16	10	5	M6×1	M16×1.5
20	156	40	76	28	12	16	20	12	6	M8×1.25	M22×1.5
25	164	44	76	30	14	16	22	17	6	M10×1.25	M22×1.5
32	164	44	76	30	14	16	22	17	6	M10×1.25	M24×2.0
40	168	46	76	32	14	16.7	24	17	7	M12×1.25	M30×2.0

内径/符号Bore/Mark	M	U	V	W	X	AR	AX	AY
16	14	21	6	5	M5	6	25	22
20	10	27	10	8	G1/8	7	33	29
25	12	30	12	10	G1/8	7	33	29
32	12	35	12	10	G1/8	8	37	32
40	12	41.6	16	14	G1/8	9	47	41

ORDERING CODE 订购代码

JM D ACD - 20 x 50 - S - LB

Magnet 磁环

Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径

16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

Strocke 行程

Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400
25,32, 40	25,50,75,100,125,150,175,200,225,250,275, 300,350,375,400,500

Action 动作方式

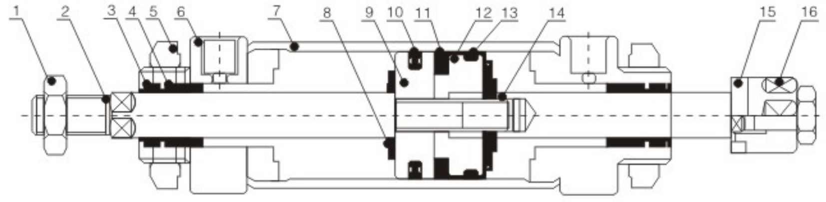
D	Double acting 双作用
S	Single acting(spring return) 单作用(弹簧压回)
T	Single acting(spring extend) 单作用(弹簧压出)

Fixation mode 固定形式

Blank 空白
LB
FA
SDB

JISP

INNER STRUCTURE 内部结构



序号 No.	名称	Item	序号 No.	名称	Item
1	螺母	Rod nut	2	活塞杆	Piston rod
3	前盖密封圈	Rod seal	4	含油轴承	Bushing
5	前盖螺母	Front cover nut	6	前盖	Front cover
7	不锈钢管	Stainless steel tube	8	防撞垫片	Bumper
9	活塞	Pistion	10	活塞O形圈	Piston o-ring
11	磁铁	Magnet	12	磁铁座	Magnet holder
13	耐磨环	Wearing ring	14	活塞杆	Piston rod
15	可调螺帽垫片	Adjust nut bumper	16	可调螺帽	Adjust nut

TECHNICAL DATA 技术参数

内径	Bore size	16	20	25	32	40
缸筒	Cylinder tube	不锈钢Stainless steel				
活塞	Piston	铝合金Aluminum alloy				
活塞杆	Piston rod	中碳钢(镀硬铬研磨处理)Carbon steel with 20u hand chrome plated				
活塞O形圈	Piston o-ring	NBR				
前盖密封圈	Rod packing	NBR				
含油轴承	Bushing	青铜粉末冶金Copper				
前盖	Front cover	铝合金Aluminum alloy				
可调螺帽	Adjust nut	中碳钢Carbon steel				
磁石	Magnet	塑料Plastic				
防撞垫片	Bumper	聚氨脂 Polycarbonate				
可调螺帽	Adjust nut	中碳钢(镀锌处理)Carbon steel(Zinc plated				

ORDERING CODE 订购代码

JM D AJ - 20 x 50 - 25 - LB

Magnet 磁环	
Blank 无记号	Without magnet 无内置磁环
D	With Magnet 内置磁环

Bore Size 缸径	
16	Φ16
20	Φ20
25	Φ25
32	Φ32
40	Φ40

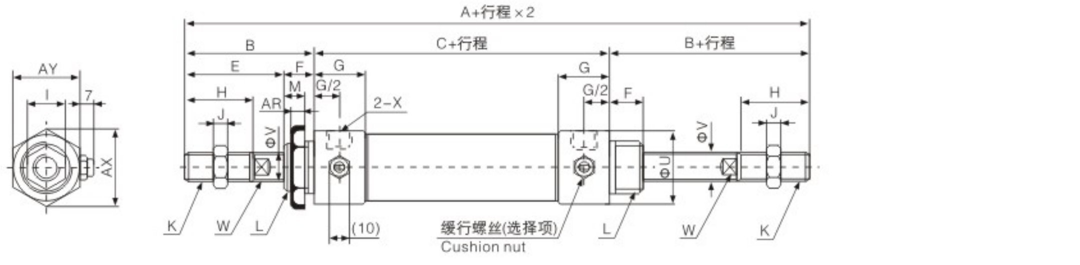
Strocke 行程	
Bore size 缸径	Standard Strocke Double acting 标准行程(mm)双作用
16,20	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400
25,32,40	25,50,75,100,125,150,175,200,225,250,275,300,350,375,400,500

Adjustable stroke 调整行程
25:25mm
50:50mm
75:75mm

Fixation mode 固定形式	
Blank 空白	
LB	
FA	
SDB	

OVERALL DIMENSION DRAWING 外形尺寸图(mm)

Φ16~Φ40



内径/符号ID/Mark	A	B	C	E	F	G	H	I	J	K	L
16	135	38	60	22	16	10	16	10	5	M6×1	M16×1.5
20	153	40	76	28	12	16	20	12	6	M8×1.25	M22×1.5
25	161	44	76	30	14	16	22	17	6	M10×1.25	M22×1.5
32	161	44	76	30	14	16	22	17	6	M10×1.25	M24×2.0
40	164	46	76	32	14	16.7	24	17	7	M12×1.25	M30×2.0

内径/符号ID/Mark	M	T	U	V	W	X	AR	AX	AY
16	14	16	21	6	5	M5	6	25	22
20	10	19	27	10	8	G1/8	7	33	29
25	12	21	30	12	10	G1/8	7	33	29
32	12	21	35	12	10	G1/8	8	37	32
40	12	21	41.6	16	14	G1/8	9	47	41

FA型type

LB型type

SDB型type

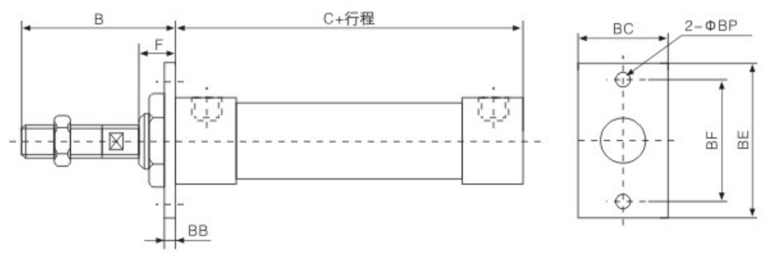
ACCESSORIES CHOOSE 附件选配

附件\产品Accessories	MA	MAC	MSA	MAD	MACD	MAJ	MACJ	MAR	MARC
FA型Type	●	●	●	●	●	●	●	×	×
Lb型Type	●	●	●	●	●	●	●	×	×
SDB型Type	●	●	●	×	×	×	×	×	×

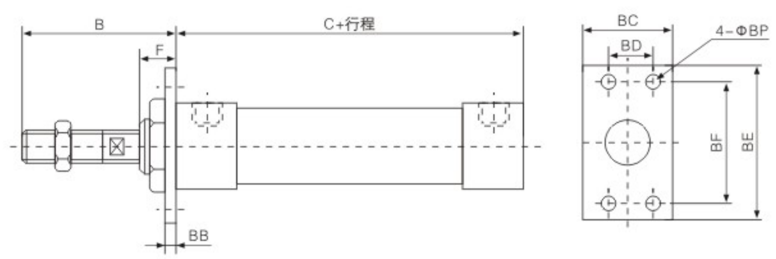
ACCESSORIES DIMENSION 附件尺寸

FA型type

Φ16~Φ25



Φ32~Φ40



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

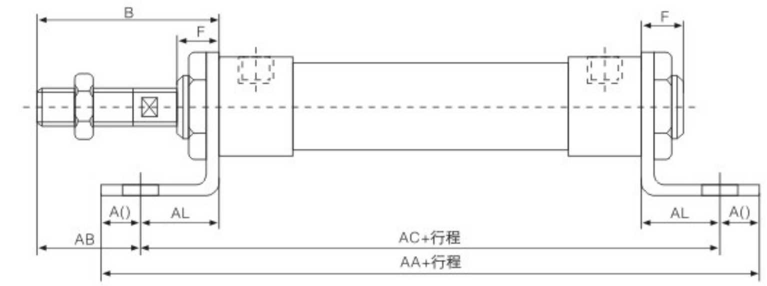
ORDERING CODE 订购代码

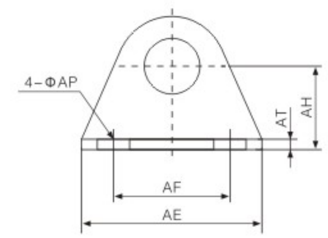
JMA - 32 - LB

- JMA: Accessories type 附件型号
- 32: Bore size 缸径
- LB: Cylinder type 气缸型号

OVERALL DIMENSION DRAWING 外形尺寸图(mm)

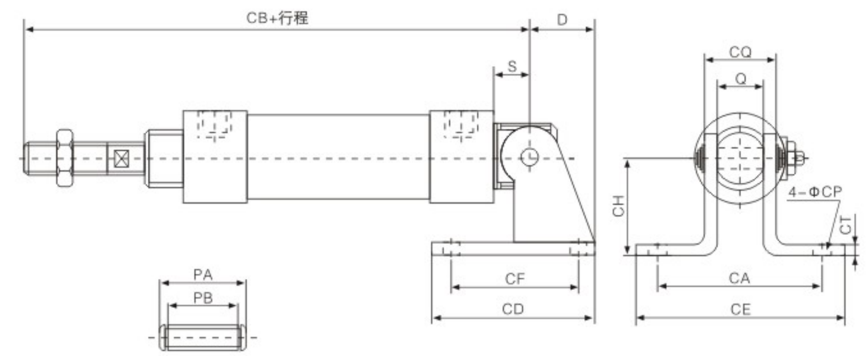
LB型type





符号Mark 内径/行程 Bore/Stroke	B	F	AA (MA系列 Series)	AA(MSA系列Series) 0–50	 51–100	AB	AA (MA系列 Series)	AC(MSA系列Series) 0–50	 51–100	AE	AF	AL	AQ	AP	AT	AH
16	38	16	98	98	123	25	86	86	111	44	32	13	6	5.5	3	20
20	40	12	122	122	147	25	106	106	131	54	40	15	8	6.5	3	25
25	44	14	122	122	147	29	106	106	131	54	40	15	8	6.5	3	25
32	44	14	142	142	167	19	126	126	151	59	45	25	8	6.5	4	32
40	46	14	142	142	167	21	126	126	151	64	50	25	8	6.5	4.5	36

SDB型type



符号Mark 内径/行程 Bore/Stroke	D	S	Q	CA	CB (MA系列 Series)	CB(MSA系列Series) 0–50	 51–100	CD	CE	CF	CH	CT	CP	CQ	PA	PB
16	16	9	12	–	107	107	132	23	–	12	20	2.3	5.5	16.5	21	17
20	21	12	16	51	128	128	153	48	67	32	32	3	6.5	22	27	22.5
25	21	12	16	51	132	132	157	48	67	32	32	3	6.5	22	27	22.5
32	27	15	16	51	135	135	160	52	67	36	36	4	6.5	24	30	24.5
40	27	15	20	55	137	137	162	56	71	40	40	4	6.5	28	34	28.5