订购码/Ordering Code

□ DNC – 63 × 50 – 25 – S – LB

外形
空白:方管形
T:拉杆形
M:米字管形
Tube Type
Blank:Square Type
T:Tie-rod Type
M:Mickey Mouse Type

系列代号
DNC:ISO6431标准复动型
DNCD:ISO6431标准双轴复动型
DNCJ:ISO6431双轴行程可调型
Series Code
DNC:ISO6431 Standard Double Action Type
DNCD:ISO6431 Standard Two Axis Double Action Type
DNCJ:ISO6431 Two Axis Stroke Adjust Type

缸径
Cylinder Bore

行程
Stroke

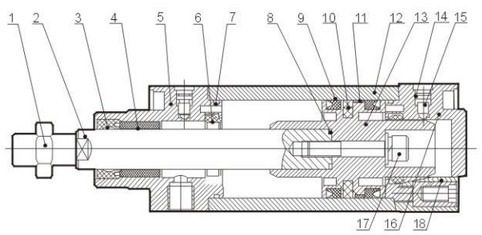
调整行程
Adjust Storke
25:25mm
50:50mm
75:75mm

磁石代号
空白:标准型
S:内置磁环
Magnet Code
Blank:Without Magnet
S:With Magnet

固定型式
空白:基本型
LB:前后固定型
FA:前盖固定型(前法兰)
FB:后盖固定型(后法兰)
CA:后盖固定型(单耳环)
CB:后盖固定型(双耳环)
SDB:后盖固定型(斜耳环)

Fixed Type
Blank:Normal type
LB:front and back fixed type
FA:front cover fixed type (Front flange type)
FB:back cover fixed type (Back flange type)
CA:back cover fixed type (Single Earring)
CB:back cover fixed type (Double Earring)
SDB:back cover fixed type

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母/Piston Rod Nut	2	活塞杆/Piston Rod
3	前盖防尘圈/Front Cover Seal Ring	4	含油轴承/Bearing
5	前盖/Front Cover	6	缓冲密封圈/Buffering O-Ring
7	管壁O令/O-Ring	8	活塞杆密封圈/Pistion rod O-Ring
9	活塞O令/Piston O-Ring	10	磁铁(可选)/Magnet(Optional)
11	耐磨环/Wear Ring	12	缸筒/Barrel
13	活塞/Piston	14	缓冲针密封圈/Cushion Seal
15	缓冲调节针/Cushion Needle	16	后盖/Back Over
17	内六角螺栓/Hex Socket Screw	18	端盖固定螺母/Profile Bolt

规格/Specifcation

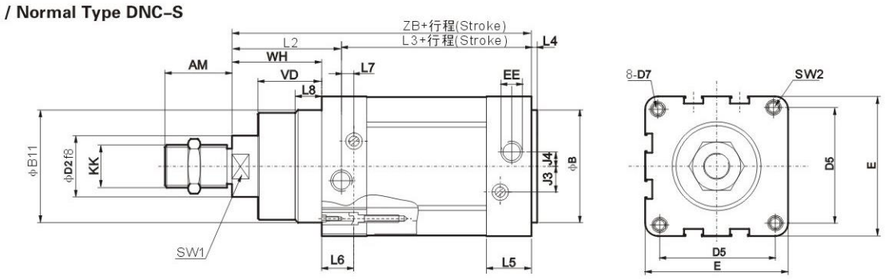
内径/Bore(mm)	32	40	50	63	80	100	125
动作型式/Motion Pattern	经过滤的空气/Fitered Air						
工作介质/Working Medium	双动/Double Action						
耐压实验压力/Compression Pressure	1.5MPa						
最高使用压力/Max.Operating Pressure	1.0MPa						
最低工作压力/Min.Operating Pressure	0.1MPa						
缓冲/Buffer	气缓冲(标准)/Air Buffer(Standard)						
环境温度/Condition Temperature	-5~70℃						
使用速度/Operating Speed	50~800mm/s						
接管口径/Port Size	G1/8"	G1/4"		G3/8"		G1/2"	

行程 Stroke

内径/Bore	标准行程 Standard Stroke	缓冲行程 Buffer Stroke	最大行程范围 Stroke Range
32	25 40 50 80 100 125 160 200 250 320 400 500	20	10~2000
40			
50		22	
63			
80		32	
100			
125		35	

外形尺寸/Overall Dimension

基本型 / Normal Type DNC-S

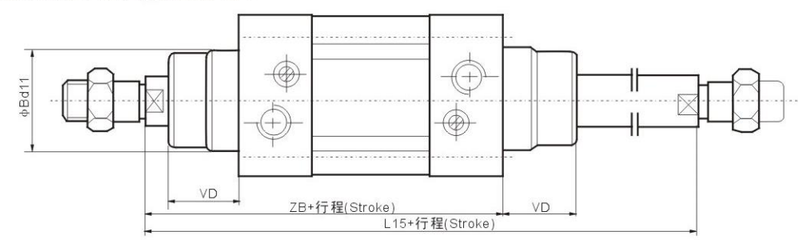


尺寸表/Dimension Sheet

内径/Bore	AM	B	D2	D5	D7	E	EE(G)	J3	J4	KK	L2	L3	L4	L5	L6	L7	L8	SW1	SW2	VD	WH	ZB
32	22	30	12	32.5	M6	45	1/8	6	5.2	M10×1.25	41.6	62.8	4	26	16	3.3	8	10	6	16	26	120
40	24	35	16	38	M6	54	1/4	8	6	M12×1.25	44	77	4	29.5	16	3.6	10	13	6	20	30	135
50	32	40	20	46.5	M8	64	1/4	10	8.5	M16×1.5	51	78	4	30	17	5.1	10	17	8	27	37	144
63	32	45	20	56.5	M8	75	3/8	12.4	10	M16×1.5	54	87	4	35.5	17	6.6	10	17	8	27	37	157.5
80	40	45	25	72	M10	93	3/8	12.5	8	M20×1.5	62.4	95.2	4	36	17	10.5	10	22	10	34.5	46	173.5
100	40	55	25	89	M10	110	1/2	11.8	10	M20×1.5	69.8	100.4	4	39	17	8	12.5	22	10	38	51	189
125	54	60	32	110	M12	134	1/2	13	8	M27×2	83	124	6	44.7	22	14	10	28	12	46	65	225

外形尺寸/Overall Dimension

双活塞杆型/Double Piston Rod Type DNC-D-S



尺寸表/Dimension Sheet

内径/Bore	32	40	50	63	80	100
B	30	35	40	45	45	55
L15	46	165	180	195	220	240
VD	16	20	27	27	34.5	38
ZB	120	135	143	158	174	189

订购码/Ordering Code

SI – 50 × 50 – 25 – S – LB

系列代号
SI:ISO6431标准复动型
SID:ISO6431标准双轴复动型
SIJ:ISO6431双轴行程可调型

Series Code
SI:ISO6431 Standard Double Action Type
SID:ISO6431 Standard Two Axis Double Action Type
SIJ:ISO6431 Two Axis Stroke Adjust Type

缸径 Cylinder Bore

行程 Stroke

调整行程 Adjust Storke
25:25mm
50:50mm
75:75mm

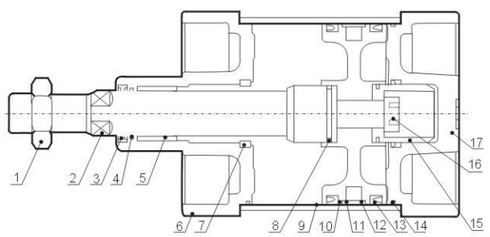
磁石代号
空白:标准型
S:内置磁环

Magnet Code
Blank:Without Magnet
S:With Magnet

固定型式
空白:基本型
LB:前后固定型
FA:前盖固定型(前法兰)
FB:后盖固定型(后法兰)
CA:后盖固定型(单耳环)
CB:后盖固定型(双耳环)
TC:中间摇摆式
SDB:后盖固定型(斜耳环)

Fixed Type
Blank:Normal type
LB:front and back fixed type
FA:front cover fixed type(Front flange type)
FB:back cover fixed type(Back flange type)
CA:back cover fixed type (Single Earring)
CB:back cover fixed type(Double Earring)
TC:Central Trunnion Type
SDB:back cover fixed type

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母/Piston Rod Nut	2	活塞杆/Piston Rod
3	前盖密封圈/Front cover seal ring	4	O令/O-Ring
5	含油轴承/Bearing	6	前盖/Front cover
7	缓冲体O令/Buffering O-Ring	8	活塞杆/Piston rod O-Ring
9	缸筒/Barrel	10	活塞/Piston
11	耐磨环/Wear Ring	12	磁铁(可选)/Magnet(Optional)
13	活塞O令/Pistion O-Ring	14	管壁O令/Pipe wall O-Ring
15	缓冲体/Damping	16	内六角螺栓/Hex socket screw
17	后盖/Back cover		

规格/Specifcation

内径/Bore(mm)	32	40	50	63	80	100	125	160	200	250	320
接口口径/Port Size	G1/8"	G1/4"		G3/8"		G1/2"		G3/4"		G1"	
动作型式/Motion Pattern	复动型/Double Action										
工作介质/Working Medium	空气/Air										
固定型式/Fixed Type	基本型/Normal type	FA型/Type	FB型/Type	CA型/Type	CB型/Type	SDB型/Type	LB型/Type	TC型/Type			
使用压力范围/Working Pressure Range	0.1~0.9MPa										
保证耐压力/Ensured Pressure Resistance	1.35MPa										
使用温度范围℃/Operating Temperature Range	-5~70℃										
使用速度范围/Operating Speed Range	50~800mm/s										
缓冲型式/Buffer Type	可调缓冲 /Adjustable Buffer										
缓冲行程/Buffer Stroke	24						32			42	33

SI Series ISO6431
Standard Cylinder

气缸理论出力表 Cylinder theory output

气缸内经 /Cylinder inside Diameter	活塞杆外径 /Extern Diameter of Piston Rod	动作形式 /Potion Patterm		受压面积 /Compression Area(cm²)	空气压力/Air Pressure(kgf/cm²) 1	2	3	4	5	6	7	8	9
32	12	复动型 Double Action	压侧/Press Side	8.04	8.04	16.08	24.12	32.16	40.20	48.24	56.28	64.32	72.36
			拉侧/Pull Side	6.90	6.90	13.80	20.07	27.60	34.50	41.40	48.30	55.20	62.10
40	16	复动型 Double Action	压侧/Press Side	12.56	12.56	25.12	37.68	50.24	62.80	75.36	87.92	100.24	113.04
			拉侧/Pull Side	10.55	10.55	21.10	31.65	42.20	52.75	63.30	73.85	84.40	94.95
50	20	复动型 Double Action	压侧/Press Side	19.63	19.63	39.26	58.89	78.52	98.15	117.78	137.41	157.04	176.67
			拉侧/Pull Side	16.49	16.49	32.98	49.47	65.96	82.45	98.94	115.43	139.92	148.41
63	20	复动型 Double Action	压侧/Press Side	31.17	31.17	62.34	93.51	124.68	155.85	187.02	218.19	249.36	280.53
			拉侧/Pull Side	28.03	28.03	56.06	84.09	112.12	140.15	168.18	196.21	224.24	252.27
80	25	复动型 Double Action	压侧/Press Side	50.26	50.26	100.52	150.78	201.04	251.30	301.56	351.82	402.08	452.34
			拉侧/Pull Side	45.36	45.36	90.72	136.08	181.44	226.80	272.16	317.52	326.88	408.24
100	25	复动型 Double Action	压侧/Press Side	78.53	78.53	157.06	235.59	314.12	392.65	471.18	428.82	628.24	706.77
			拉侧/Pull Side	71.47	71.47	142.94	214.41	285.88	357.35	428.82	500.29	517.76	643.23
125	32	复动型 Double Action	压侧/Press Side	122.72	122.72	245.44	368.16	490.88	613.60	736.32	859.04	981.76	1104.48
			拉侧/Pull Side	114.68	114.68	229.36	344.04	458.72	573.40	688.08	802.76	917.44	1032.12
160	40	复动型 Double Action	压侧/Press Side	201.06	201.06	402.12	603.18	804.24	1005.30	1206.36	1407.42	1608.48	1809.54
			拉侧/Pull Side	188.49	188.49	376.98	565.47	753.96	942.45	1130.94	1319.43	1507.92	1696.41
200	40	复动型 Double Action	压侧/Press Side	314.16	314.16	628.32	942.48	1256.64	1570.80	1884.96	2199.12	2513.28	2827.44
			拉侧/Pull Side	301.57	301.57	603.14	904.71	1206.28	1507.80	1809.42	2100.99	2412.56	2714.13

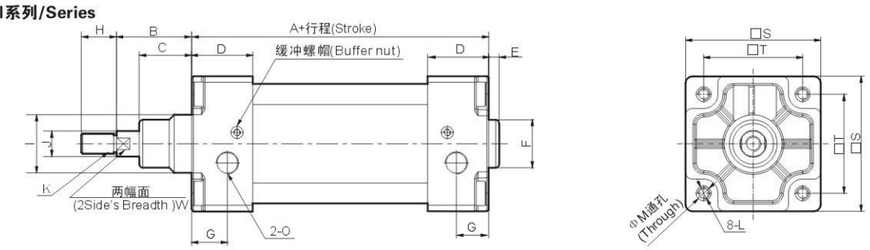
行程 Stroke

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

■ 特殊行程请与本公司联系，我们会根据你的要求定做。If you need special stroke,please Tell us, we can make according your require.

外形尺寸/Overall Dimension

ϕ250– ϕ320 SI系列/Series

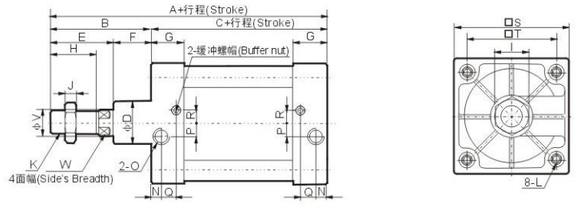


尺寸表/Dimension Sheet

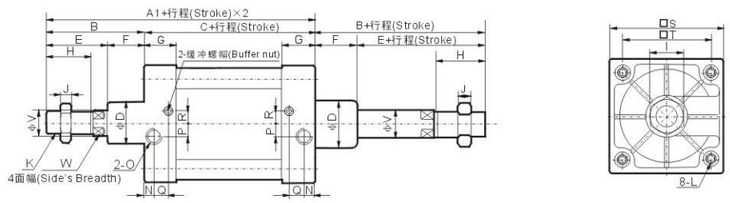
内径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	M	S	T	O
250	200	105	67	52	10	90	31	84	90	50	M42×2	M20	Φ30	270	220	G1"
320	218	120	82	52	10	110	31	96	110	63	M48×2	M24	Φ34	340	270	G1"

外形尺寸/Overall Dimension

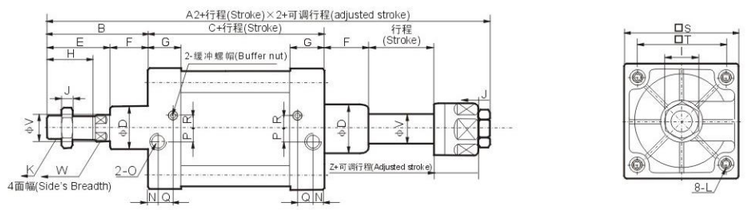
SI系列/SI Series



SID系列/SID Series



SIJ系列/SIJ Series



尺寸表/Dimension Sheet

内径/符号 Bore/Symbol	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L
32	142	190	187	48	94	30	28	16	27.5	22	17	6	M10×1.25	M6
40	159	213	207	54	105	35	32	18	29	24	19	7	M12×1.25	M6
50	175	244	233	69	105	40	42	25	30	32	24	8	M16×1.5	M8
63	190	259	250	69	120	40	40	24	31.5	32	24	8	M16×1.5	M8
80	214	300	286	86	128	40	53	30	35.5	40	30	10	M20×1.5	M10
100	229	320	308	91	138	45	55	32	36	40	30	10	M20×1.5	M10
125	279	398	372.5	119	160	60	74	45	46	54	41	13.5	M27×2	M12
160	332	484	448	152	180	65	94	58	50	72	55	18	M36×2	M16
200	337	514	472	157	180	75	100	57	50	72	55	18	M36×2	M16

内径/符号 Bore/Symbol	N	O	P	Q	R	S	T	V	W	Z
32	13.5	G1/8"	4	7.5	7	47	32.5	12	10	21
40	16	G1/4"	6	8.5	9	53	38	16	13	21
50	15.5	G1/4"	8.5	7.5	7.5	65	46.5	20	17	23
63	16.5	G3/8"	7.5	8.5	9	75	56.5	20	17	23
80	16.5	G3/8"	11	8.5	13.5	95	72	25	22	29
100	18.5	G1/2"	13.5	9.5	14.5	115	89	25	22	29
125	23	G1/2"	14	12	14	140	110	32	27	35
160	25	G3/4"	15	12	20	180	140	40	36	40
200	25	G3/4□	15	12	20	220	175	40	36	40

订购码/Ordering Code

SC – 50 × 50 – 25 – S – LB

系列代号
SC: 标准复制型(拉杆式)
SCD: 双轴复动型(拉杆式)
SCJ: 双轴复动可调型(拉杆式)
SU: 标准复动型(无拉杆式)
Type
SC:Standard double action(Tie-rod Type)
SCD:Double-shaft double action(Tie-rod Type)
SCJ:Double axis double acting adjustable type(Tie-rod Type)
SU:Standard double acting (Micky Mouse Type)

缸径 Cylinder Bore

行程 Stroke

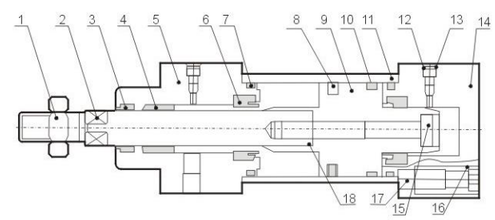
调整行程 Adjust Storke
25:25mm
50:50mm
75:75mm

磁石代号
空白:标准型
S:内置磁环
Magnet Code
Blank:Without Magnet
S:With Magnet

固定型式
空白:基本型
LB:前后固定型
FA:前盖固定型(前法兰)
FB:后盖固定型(后法兰)
CA:后盖固定型(单耳环)
CB:后盖固定型(双耳环)
TC:中间摇摆式
TC-M:摇摆式附脚座

Fixed Type
Blank:Normal type
LB:front and back fixed type
FA:front cover fixed type(Front flange type)
FB:back cover fixed type(Back flange type)
CA:back cover fixed type (Single Earring)
CB:back cover fixed type(Double Earring)
TC:Central Trunnion Type
TC-M:Central Trunnion Type attaching foot seat

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母/Piston Rod Nut	2	活塞杆/Piston rod
3	前盖密封圈/Front cover seal ring	4	含油轴承/Bearing
5	前盖/Front cover	6	缓冲体O令/Buffering o-ring
7	管壁O令/Pipe wall O-ring	8	活塞O令/Piston O-ring
9	活塞/Piston	10	耐磨环/Wear Ring
11	缸筒/Barrel	12	缓冲密封圈/Buffe seal ring
13	缓冲可调针/Damping adjustable screw	14	后盖/Back cover
15	内六角螺栓/Hex socket screw	16	拉杆螺母/Tie Rod Nut
17	拉杆/Tie rod	18	活塞杆密封圈/Piston rod o-ring

规格/Specifcation

内径/Bore(mm)	32	40	50	63	80	100	125	160	200	250	320
动作型式/Motion Pattern	复动型/Double Action										
工作介质/Working Medium	空气/Air										
固定型式/Fixed Type	基本型/Normal type FA型/Type FB型/Type CA型/Type CB型/Type LB型/Type TC型/Type TC-M型/ type										
使用压力范围/Operating Voltage Range	0.1~0.9kgf/cm²										
保证耐压力/Ensured Pressure Resistance	1.35Mpa										
使用温度范围℃/Operating Temperature Range	-5~70℃										
使用速度范围/Operating Speed Range	30~800mm/s										
缓冲型式/Buffer Type	可调缓冲/Adjustable Buffer										
缓冲行程/Buffer Stroke	24				32					42	33
接管口径/Port Size	G1/8"	G1/4"		G3/8"		G1/2"		G3/4"		G1"	

■ SCD,SCJ 的固定型式为:FA,FB,LB,TC和TC-M型. SCD,SCJ Fixed Type:FA,FB,LB,TC & TC-M Type.

气缸理论出力表 Cylinder theory output

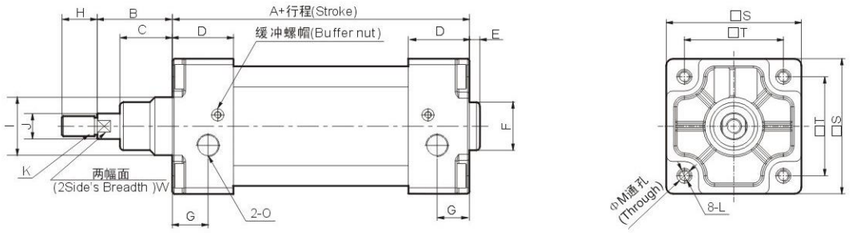
气缸内经 /Cylinder inside Diameter	活塞杆外径 /Extern Diameter of Piston Rod	动作形式 /Potion Patterm		受压面积 /Compression Area(cm²)	空气压力/Air Pressure(kgf/cm²)								
					1	2	3	4	5	6	7	8	9
32	12	复动型 Double Action	压侧/Press Side	8.04	8.04	16.08	24.12	32.16	40.20	48.24	56.28	64.32	72.36
			拉侧/Pull Side	6.90	6.90	13.80	20.07	27.60	34.50	41.40	48.30	55.20	62.10
40	16	复动型 Double Action	压侧/Press Side	12.56	12.56	25.12	37.68	50.24	62.80	75.36	87.92	100.24	113.04
			拉侧/Pull Side	10.55	10.55	21.10	31.65	42.20	52.75	63.30	73.85	84.40	94.95
50	20	复动型 Double Action	压侧/Press Side	19.63	19.63	39.26	58.89	78.52	98.15	117.78	137.41	157.04	176.67
			拉侧/Pull Side	16.49	16.49	32.98	49.47	65.96	82.45	98.94	115.43	139.92	148.41
63	20	复动型 Double Action	压侧/Press Side	31.17	31.17	62.34	93.51	124.68	155.85	187.02	218.19	249.36	280.53
			拉侧/Pull Side	28.03	28.03	56.06	84.09	112.12	140.15	168.18	196.21	224.24	252.27
80	25	复动型 Double Action	压侧/Press Side	50.26	50.26	100.52	150.78	201.04	251.30	301.56	351.82	402.08	452.34
			拉侧/Pull Side	45.36	45.36	90.72	136.08	181.44	226.80	272.16	317.52	326.88	408.24
100	25	复动型 Double Action	压侧/Press Side	78.53	78.53	157.06	235.59	314.12	392.65	471.18	428.82	628.24	706.77
			拉侧/Pull Side	71.47	71.47	142.94	214.41	285.88	357.35	428.82	500.29	517.76	643.23
125	32	复动型 Double Action	压侧/Press Side	122.72	122.72	245.44	368.16	490.88	613.60	736.32	859.04	981.76	1104.48
			拉侧/Pull Side	114.68	114.68	229.36	344.04	458.72	573.40	688.08	802.76	917.44	1032.12
160	40	复动型 Double Action	压侧/Press Side	201.06	201.06	402.12	603.18	804.24	1005.30	1206.36	1407.42	1608.48	1809.54
			拉侧/Pull Side	188.49	188.49	376.98	565.47	753.96	942.45	1130.94	1319.43	1507.92	1696.41
200	40	复动型 Double Action	压侧/Press Side	314.16	314.16	628.32	942.48	1256.64	1570.80	1884.96	2199.12	2513.28	2827.44
			拉侧/Pull Side	301.57	301.57	603.14	904.71	1206.28	1507.80	1809.42	2100.99	2412.56	2714.13

行程 Stroke

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

外形尺寸/Overall Dimension

ϕ250– ϕ320 SC系列/Series

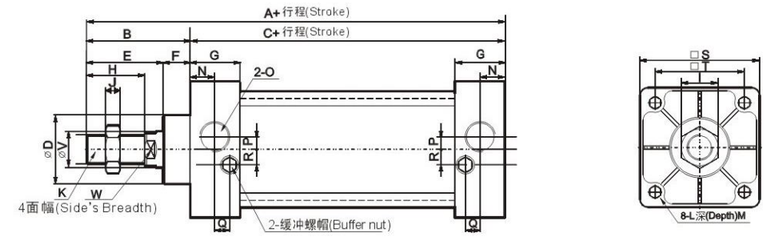


尺寸表/Dimension Sheet

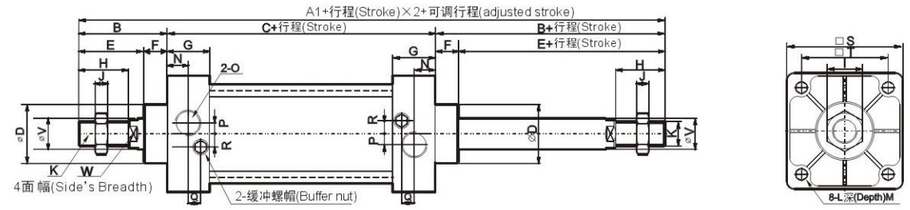
内径/符号 Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L	M	S	T	O
250	200	105	67	52	10	90	31	84	90	50	M42×2	M20	Φ30	270	220	G1"
320	218	120	82	52	10	110	31	96	110	63	M48×2	M24	Φ34	340	270	G1"

外形尺寸/Overall Dimension

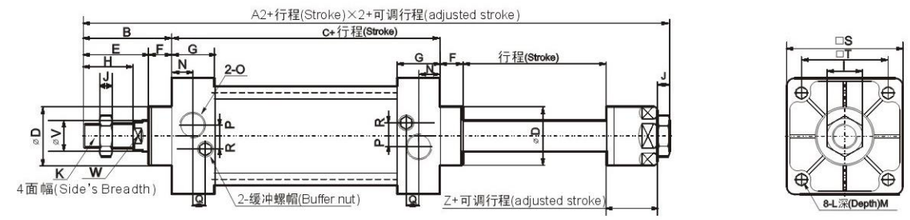
ϕ32~ ϕ200



ϕ32~ ϕ200



ϕ32~ ϕ200



尺寸表/Dimension Sheet

内径/符号 Bore/Symbol	A	A1	A2	B	C	D	E	F	G	H	I	J	K
32	140	187	182	47	93	26	32	15	27.5	22	17	6	M10×1.25
40	142	191	185	49	93	30	34	15	27.5	24	19	7	M12×1.25
50	150	207	196	57	93	36	42	15	27.5	32	24	8	M16×1.5
63	153	210	199	57	96	36	42	15	27.5	32	24	8	M16×1.5
80	182	257	242	75	108	47	54	21	33	40	30	9	M20×1.5
100	188	263	248	75	108	47	54	21	33	40	30	9	M20×1.5
125	239	330	363	104	136	56	71	32	40	54	40	12	M27×2
160	291	412	450	121	166	62	92	60	50	72	50	14	M36×2
200	272	409	451	132	130	75	117	30	41	72	50	16	M36×2

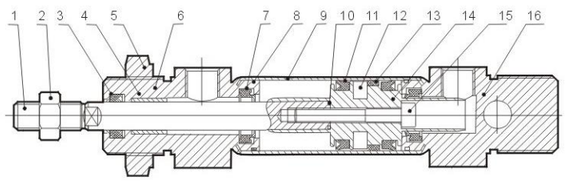
内径/符号 Bore/Symbol	L	M	N	O	P	Q	R	S	T	V	W	Z
32	M6×1	9.5	13.7	G1/8"	3.5	7.5	7	45	33	12	10	21
40	M6×1	9.5	13.5	G1/4"	6	8.2	9	50	37	16	14	21
50	M6×1	9.5	13.5	G1/4"	8.5	8.2	9	62	47	20	17	23
63	M8×1.25	9.5	13.5	G3/8"	7	8.2	8.5	75	56	20	17	23
80	M10×1.5	11.5	16.5	G3/8"	10	9.5	14	94	70	25	22	29
100	M10×1.5	11.5	16.5	G1/2"	11	9.5	14	112	84	25	22	29
125	M12×1.75	21	16.5	G1/2"	/	/	/	140	110	32	28	33
160	M16×2	25	26	G3/4"	/	/	/	180	140	40	36	38
200	M16×2	25	22.5	G3/4"	/	/	/	220	175	40	36	42

订购码/Ordering Code

MA6432 – □ 20×50–25 S – LB

- **系列代号 / Series Code**
  MA:复动型 / Double Action Type
  MSA:单动型 / Single-Action Type
  MAD:双轴复动型 / Double-shaft Double Action Type
  MAC:复动缓冲型 / With Cushion Type
  MAJ:双轴可调型 / Double-shaft and adjustable stroke type
- **后盖型式 Back Cover Type**
  空白:摆尾型 Blank:Fishtail type
  CM:圆尾型 CM:Rounded type
  U:平尾型 U:Horizontal type
- **缸径 Cylinder Bore** 8~25mm
- **行程 Stroke**
- **可调行程 Adjustable Stroke Type** 0~100mm
- **磁石代号 Magnet Code**
  空白:标准型 Blank:Without Magnet
  S:内置磁环 S:With Magnet
- **固定型式 / Fixed Type**
  空白:基本型/ Blank:Normal type
  LB:前后固定型 / Front and back fixed type
  FA:前盖固定型 / Front cover fixed type
  SDB:后盖摇摆式 / Back cover swinging type
  U:后盖固定式 / Back cover fixed type

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆/Piston Rod	9	不锈钢管/Barrel
2	活塞杆螺母/Piston Rod Nut	10	活塞杆密封圈/Piston rod O-ring
3	前盖密封圈/Front Cover Seal	11	活塞O令/Piston O-ring
4	含油轴承/Bearing	12	磁铁(可选)/Magnet(Optional)
5	内六角螺栓/Hexagon Screw	13	耐磨环/Wear Ring
6	前盖/Front Cover	14	活塞/Piston
7	缓冲密封圈/Cushion Ring	15	内六角螺栓/Hex Socket Screw
8	管壁O令/O-ring	16	后盖/Back Cover

规格/Specifcation

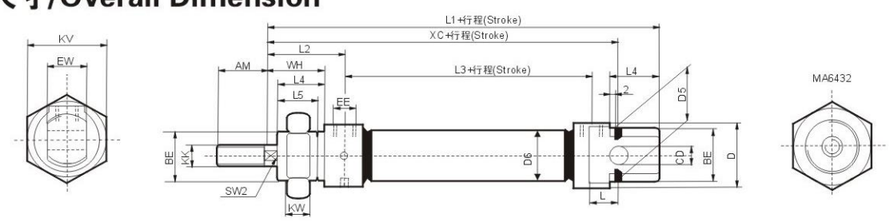
缸径/Cylinder diameter(mm)	8	10	12	16	20	25
工作介质/Working Medium	空气/Air					
动作型式/Motion pattern	复动型或单动式/Double Action or single Action					
保证耐压力/Ensured Pressure Resistance	15.3kgf/cm²(1.5Mpa)					
最高使用压力/Max.pressure	10.2kgf/cm²(1.0Mpa)					
最低使用压力/Min.pressure	0.5kgf/cm²(0.05Mpa) 1kgf/cm²(0.1Mpa)					
环境和流体温度/ Environment and fluid temp	-20~+80℃(内置磁环型:最高:60℃Internal Magnetic Install by Tach strap:Type Max:60℃)					
活塞速度/Piston veocity	橡胶缓冲(标准)Rubber Bufer(Standard),气缓冲(任选)Air Buffer(Option)					
缓冲/Buffering	50~750mm/s					
容许动能/Kinetic energy To Lerance	0.2	0.3	0.4	0.9	2.7	4
接管口径/Pipe Size	M5×0.8				G1/8"	

行程 Stroke

缸径/ Bore (mm)	标准行程/Standard stroke	最长行程 /Max.Stroke (mm)
8	10,25,40,50,80,100,125,160,200	400
10	10,25,40,50,80,100,125,160,200	400
12	10,25,40,50,80,100,125,160,200	400
16	10,25,40,50,80,100,125,160,200	400
20	25,40,50,80,100,125,150,160,175,200,250,300	1000
25	25,40,50,80,100,125,150,160,175,200,250,300	1000

注:在非标准行程可供选择 Note:In non-standard stroke options.

外形尺寸/Overall Dimension



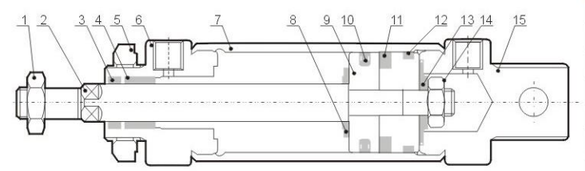
内径/符号 Bore/Symbol	AM	BE	ΦCD	ΦD	ΦD5	ΦD6	EE	EW	AM	KK	KV	KW	L	L1	L2	L3	L4	L5	SW2	WH	XC
8	12	M12×1.25	4	15	15	12	M5	8	12	M4	19	7	6	78	22	34	12	10	-	16	64
10	12	M16×1.25	4	15	15	12	M5	8	12	M4	19	7	6	78	22	34	12	10	-	16	64
12	16	M16×1.5	6	20	20	16	M5	12	16	M6	24	6	9	89	28	38	17	15	5	22	75
16	16	M16×1.5	6	20	20	16	M5	12	16	M6	24	6	9	95	28	44	17	15	5	22	82
20	20	M22×1.5	8	27	27	22	G1/8"	16	20	M8	30	8	12	112	32	51.6	20	18	7	24	95
25	22	M22×1.5	8	27	27	22	G1/8"	16	22	M10×1.25	30	8	12	119.5	36	53.1	22	20	8	26	104

订购码/Ordering Code

MA □ 20×50–25 S – LB

- **型号**
  MA:复动型
  MSA:单动押出型
  MAD:双轴复动型
  MACD:双轴复动缓冲型
  MAC:复动缓冲型
  MAJ:双轴可调型
- **Type**
  MA:Double Action Type
  MSA:Single Extrusion Type
  MAD:Double Shaft Double Action Type
  MACD:Double Shaft Double Action Damping Type
  MAC:With Cushion Type
  MAJ:Double-shaft And Adjust Able Stroke Type
- **后盖型式 Back Cover Type**
  空白:摆尾型 Blank:Fishtail type
  CM:圆尾型 CM:Rounded type
  U:平尾型 U:Horizontal type
- **缸径 Cylinder Bore** 16mm~40mm
- **行程 Stroke**
- **可调行程 Adjustable Stroke Type** 0~100mm
- **磁石代号 Magnet Code**
  空白:标准型 Blank:Without Magnet
  S:内置磁环 S:With Magnet
- **固定型式 Fixed Type**
  空白:基本型 Blank:Normal type
  LB:前后固定型 LB:Front and back fixed type
  FA:前盖固定型 FA:Front cover fixed type
  SDB:后盖摇摆式 SDB:Back cover swinging type
  U:后盖固定式 U:Back cover fixed type

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母/Piston Rod Nut	2	活塞杆/Piston Rod
3	前盖密封圈/Front Cover Seal Ring	4	含油轴承/Oiled Bearing
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/Anti-crash cushion
9	活塞/Piston	10	活塞O令/Piston O-Ring
11	磁铁(可选)/Magnet(Optional)	12	耐磨环/Wear Ring
13	缓冲密封圈/Seal cushion	14	内六角螺栓/Hex socket screw
15	后盖/Back Cover		

规格/Specifcation

缸径/Bore(mm)		16	20	25	32	40
动作形式/Motion pattern		复动型或单动式/Double Action or Single Action				
工作介质/Working Medium		空气/Air				
固定型式/Fixed Type		基本型/Normal Type LB型/ Type FA型/ Type SDB型/ Type U型/ Type				
使用压力范围 /Operating Voltage Range		0.1~0.9MPa				
保证耐压力/Ensured Pressure Resistance		1.35MPa				
使用温度范围 /Operating Temperature Range		-5~70℃				
使用速度范围 /Operating Speed Range		50~800mm/s				
缓冲型式/ Buffer Type	标准型/Standard Type	防撞垫片/Anti-crash cushion				
	缓冲型/Damping Type	-	可调式缓冲/Adjustable cushion			
接管口径/Pipe Size		M5×0.8	G1/8"			

■我公司还可提供端盖上进出气孔为平的产品，如果你需要此类产品，请特别说明.
Our Company can also make flat for cylinder covers inlet and outlet position. If you require this, it should be specified.

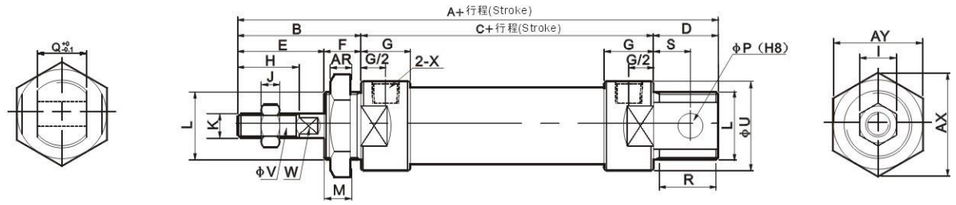
行程 Stroke

缸径/Bore(mm)	标准行程/Standard Stroke	最大行程/Max.Stroke	容许行程/Permissible Stroke
16	25 50 75 80 100 125 160 175 200	300	500
20	25 50 75 80 100 125 160 175 200 250 300	500	650
25	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
32	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
40	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650

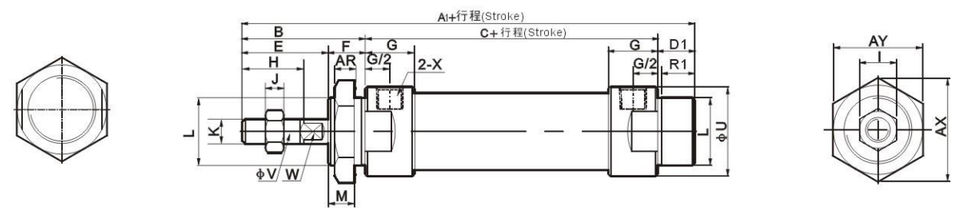
注:在非标准行程可供选择 Note:In non-standard stroke options.

外形尺寸/Overall Dimension

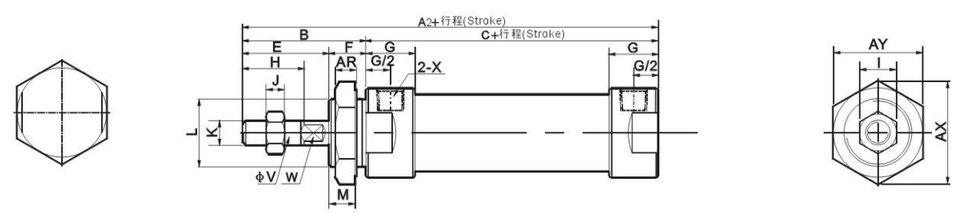
MA



MA-CM



MA-U



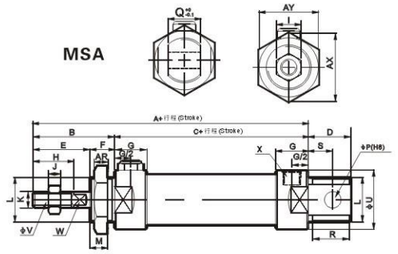
尺寸表/Dimension Sheet

内径/符号 Bore/Symbol	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
16	114	114	98	38	60	16	16	22	16	10	16	10	5	M6×1
20	137	128	116	40	76	21	12	28	12	16	20	12	6	M8×1.25
25	141	134	120	44	76	21	14	30	14	16	22	17	6	M10×1.25
32	147	134	120	44	76	27	14	30	14	16	22	17	6	M10×1.25
40	149	136	122	46	76	27	14	32	14	16.7	24	17	7	M12×1.25

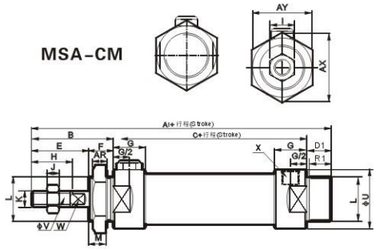
内径/符号 Bore/Symbol	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M16×1.5	14	6	12	14	14	9	21	6	5	M5	6	24	27.5
20	M22×1.5	10	8	16	19	10	12	27	8	6	G1/8"	7	33	29
25	M22×1.5	12	8	16	19	12	12	30	10	8	G1/8"	7	33	29
32	M24×2.0	12	10	16	25	12	15	35	12	10	G1/8"	8	37	32
40	M30×2.0	12	12	20	25	12	15	41.6	16	14	G1/8"	9	47	41

外形尺寸/Overall Dimension

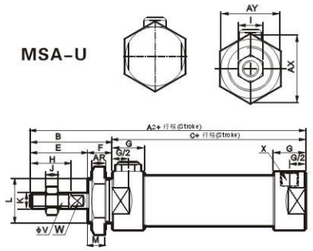
MSA



MSA-CM



MSA-U



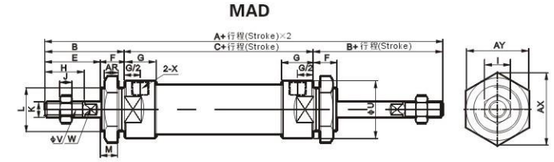
尺寸表/Dimension Sheet

符号/Symbol	A		A1		A2		B	C		D	D1	E	F	G	H	I	J
缸径/行程/Bore/Stroke	0-50	51-100	0-50	51-100	0-50	51-100		0-50	51-100								
16	114	139	128	153	98	123	38	60	85	16	16	22	16	10	16	10	5
20	137	162	134	159	116	141	40	76	101	21	12	28	12	16	20	12	6
25	141	166	134	159	120	145	44	76	101	21	14	30	14	16	22	17	6
32	147	172	136	161	120	145	44	76	101	27	14	30	14	16	22	17	6
40	149	174	122	144	122	147	46	76	101	27	14	32	14	22	24	17	7

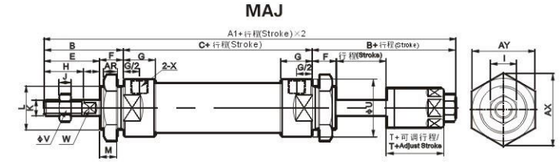
内径/符号/ Inside Diameter/Symbol	K	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M6×1	M16×1.5	14	6	12	14	14	9	21	6	5	M5	6	25	22
20	M8×1.25	M22×1.5	10	8	16	19	10	12	27	8	6	G1/8"	7	33	29
25	M10×1.25	M22×1.5	12	8	16	19	12	12	30	10	8	G1/8"	7	33	29
32	M10×1.25	M24×2.0	12	10	16	25	12	15	35	12	10	G1/8"	8	37	32
40	M12×1.25	M30×2.0	12	12	20	25	12	15	41.6	16	14	G1/8"	9	47	41

外形尺寸/Overall Dimension

MAD



MAJ



尺寸表/Dimension Sheet

内径/符号/ Inside Diameter/Symbol	A	A1	B	C	E	F	G	H	I	J	K
16	136	135	38	60	22	16	10	16	10	5	M6×1
20	156	153	40	70	28	12	16	20	12	6	M8×1.25
25	164	161	44	70	30	14	16	22	17	6	M10×1.25
32	164	161	44	70	30	14	16	22	17	6	M10×1.25
40	168	164	46	92	32	14	22	14	17	7	M12×1.25

内径/符号/ Inside Diameter/Symbol	L	M	U	V	W	X	AR	AX	AY	T
16	M16×1.5	14	21	6	5	M5	6	25	22	16
20	M22×1.5	10	29	9	6	G1/8"	7	33	29	19
25	M22×1.5	12	34	10	8	G1/8"	7	33	29	21
32	M24×1.5	12	39.5	12	10	G1/8"	8	37	32	21
40	M30×2.0	12	49.5	16	12	G1/8"	9	47	41	21

MAL 25×25

订购码/Ordering Code

MAL — □ 20 × 50 — 25 S — LB

型号
MAL: 复动型
MSAL: 单动押出型
MALD: 双轴复动型
MALC:复动缓冲型
MALJ:双轴可调型

Type
MAL: Double Action type
MSAL: Single Extrusion Type
MALD: Dual Double Action Type
MALC:With Cushion Type
MALJ:Double-shaft And Adjust Able Stroke Type

后盖型式
空白:摆尾型
CM:圆尾型
U:平尾型

Back Cover Type
Blank:Fishtail type
CM:Rounded type
U:Horizontal type

缸径 Cylinder Bore
16mm~40mm

行程 Stroke

可调行程 Adjustable Stroke Type
0~100mm

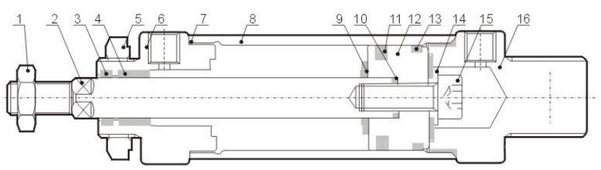
磁石代号
空白:标准型
S:内置磁环

Magnet Code
Blank:Without Magnet
S:With Magnet

固定型式
空白:基本型
LB:前后固定型
FA:前盖固定型
SDB:后盖摇摆式

Fixed Type
Blank:Normal type
LB:Front and back fixed type
FA:Front cover fixed type
SDB:Back cover swinging type

内部结构 Internal structure



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母/Piston Rod Nut	2	活塞杆/Piston Rod
3	前盖密封圈/Front Cover Seal Ring	4	含油轴承/Oiled Bearing
5	前盖螺母/Front Cover Nut	6	前盖/Front Cover
7	管壁O型圈/Pipe wall O-ring	8	铝管/Aliminum tube
9	防撞垫片/Auti-crash cushion	10	活塞杆O形圈/Piston rod O-Ring
11	活塞O令/Piston O-Ring	12	活塞/Piston
13	耐磨环/Wear Ring	14	缓冲密封圈/Seal cushion
15	内六角螺栓/Hex socket screw	16	后盖/Back Over

规格/Specifcation

缸径/Bore(mm)		16	20	25	32	40
动作形式/Motion pattern		复动型或单动式/Double Action or Single Action				
工作介质/Working Medium		空气/Air				
固定型式/Fixed Type		基本型/Normal Type LB型/ Type FA型/ Type SDB型/ Type				
使用压力范围 /Operating Voltage Range		0.1~0.9MPa				
保证耐压力/Ensured Pressure Resistance		1.35MPa				
使用温度范围 /Operating Temperature Range		-5~70℃				
使用速度范围 /Operating Speed Range		30~800mm/s				
缓冲型式/ Buffer Type	标准型/Standard Type	防撞垫片/Anti-crash cushion				
	缓冲型/Damping Type	-	可调式缓冲/Adjustable cushion			
接管口径/Port Size		M5×0.8	G1/8"			G1/4"

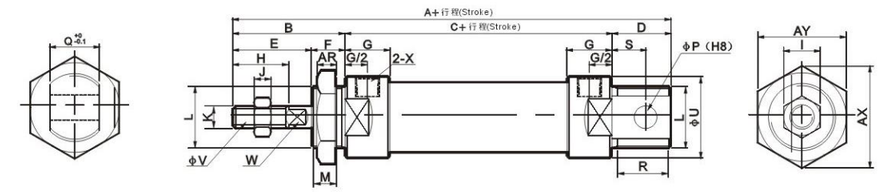
■我公司还可提供端盖上进出气孔为平的产品，如果你需要此类产品，请特别说明.
Our Company can also make flat for cylinder covers inlet and outlet position. If you require this, it should be specified.

行程 Stroke

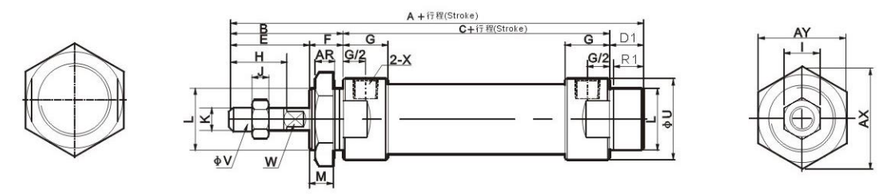
缸径/Bore(mm)	标准行程/Standard Stroke	最大行程/Max.Stroke	容许行程/Permissible Stroke
16	25,50,75, 80,100 ,125,160,175,200	300	500
20	25,50,75,80,100,125,160,175,200, 250,300	500	650
25	25,50,75,80,100,125,160,175,200,250,300,350,400,450,500	500	650
32	25,50,75,80,100,125,160,175,200,250,300,350,400,450,500	500	650
40	25,50,75,80,100,125,160,175,200,250,300,350,400,450,500	500	650

外形尺寸/Overall Dimension

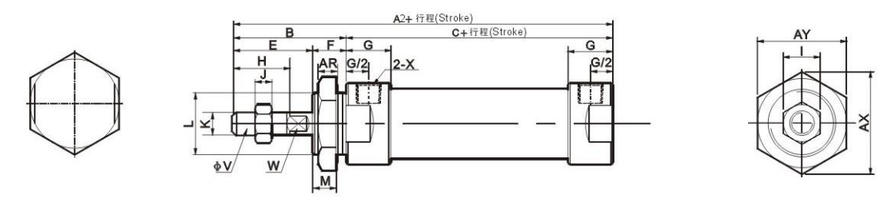
MAL



MAL-CM



MAL-U



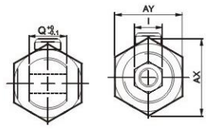
尺寸表/Dimension Sheet

内径/符号 Bore/Symbol	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
16	114	114	98	38	60	16	16	22	16	10	16	10	5	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	45	92	27	14	32	14	22	24	17	7	M12×1.25

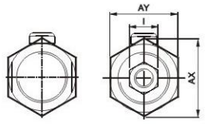
内径/符号 Bore/Symbol	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M16×1.5	14	6	12	14	14	9	21	6	5	M5	6	25	22
20	M22×1.5	10	8	16	19	10	12	29	8	6	G1/8"	7	33	29
25	M22×1.5	12	8	16	19	12	12	34	10	8	G1/8"	7	33	29
32	M24×2.0	12	10	16	25	12	15	39.5	12	10	G1/8"	8	37	32
40	M30×2.0	12	12	20	25	12	15	49.5	16	14	G1/4"	9	37	41

外形尺寸/Overall Dimension

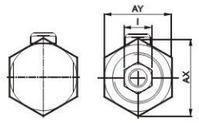
MSAL

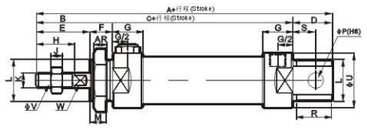


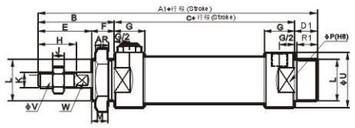
MSAL-CM

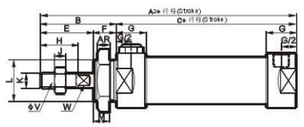


MSAL-CM









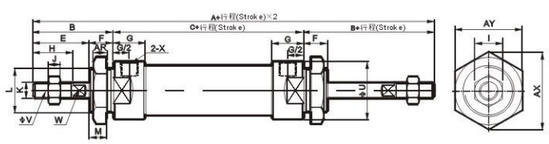
尺寸表/Dimension Sheet

符号/Symbol	A		A1		A2		B	C		D	D1	E	F	G	H	I	J
内径/行程 Bore/Stroke	0-50	51-100	0-50	51-100	0-50	51-100		0-50	51-100								
20	131	156	122	147	110	135	40	70	95	21	12	28	12	16	20	12	6
25	135	160	160	153	114	139	44	70	95	21	14	30	14	16	22	17	6
32	141	166	166	153	114	139	44	70	95	27	14	30	14	16	22	17	6
40	165	190	190	177	138	163	46	92	117	27	14	32	14	22	24	17	7

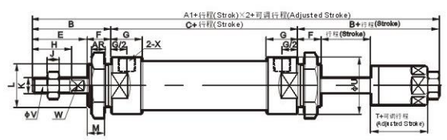
内径/符号 Inside Diameter/Symbol	K	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
20	M8×1.25	M22×1.5	10	8	16	19	10	12	29	8	6	G1/8"	7	33	29
25	M10×1.25	M22×1.5	12	8	16	19	12	12	34	10	8	G1/8"	7	33	29
32	M10×1.25	M24×2.0	12	10	16	25	12	15	39.5	12	10	G1/8"	8	37	32
40	M12×1.25	M30×2.0	12	12	20	25	12	15	49.5	16	14	G1/4"	9	47	41

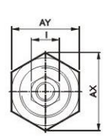
外形尺寸/Overall Dimension

MALD



MALJ





尺寸表/Dimension Sheet

内径/符号 Inside Diameter/Symbol	A	A1	B	C	E	F	G	H	I	J	K
20	150	147	40	70	28	12	16	20	12	6	M8×1.25
25	158	155	44	70	30	14	16	22	17	6	M10×1.25
32	158	155	44	70	30	14	16	22	17	6	M10×1.25
40	184	180	46	92	32	14	22	24	17	7	M12×1.25

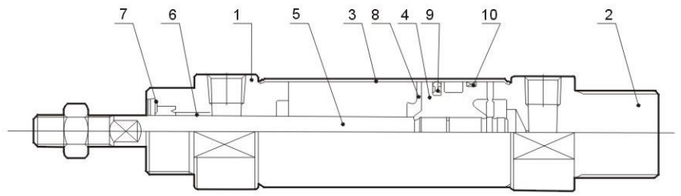
内径/符号 Inside Diameter/Symbol	L	M	U	V	W	X	AR	AX	AY	T
20	M22×1.5	10	29	8	6	G1/8"	7	33	29	19
25	M22×1.5	12	34	10	8	G1/8"	7	33	29	21
32	M24×1.5	12	39.5	12	10	G1/8"	8	37	32	21
40	M30×2.0	12	49.5	16	14	G1/4"	9	47	41	21

订购码/Ordering Code

CM2 – 32 – 150 – A

- CM2: 系列代号 Series Code — CDM2B: 内置磁环型; CDM2B:Attach magnet Type
- 32: 缸径 Cylinder Bore — 20~Φ40mm
- 150: 行程 Stroke — 0~1000mm
- A: 缓冲 Buffer — 空白:橡胶缓冲 Blank:Rubber Buffer; A:气缓冲 A:Air Buffer

内部结构 Internal structure



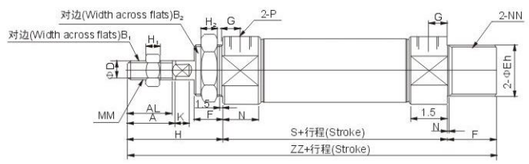
序号 NO.	名称 Designation
1	前盖/Front Cover
2	后盖/Back Cover
3	缸管/Barrel
4	活塞/Piston
5	活塞杆/Piston rod
6	含油轴承/Oiled Bearing
7	前盖密封圈/Front Cover Seal Ring
8	防撞垫片/Anti-crash cushion
9	活塞密封圈/Piston Seal
10	耐磨环/Wear Ring

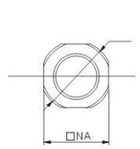
规格/Specifcation

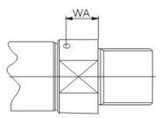
内径/Bore(mm)	20	25	32	40
工作介质/Working Medium	空气/Air			
动作型式/Motion Pattern	复动型/Double action			
保证耐压力/Ensured Pressure Resistance	15.3kgf/cm²(1.5Mpa)			
最高使用压力/Max.pressure	10.2kgf/cm²(1.0Mpa)			
最低使用压力/Min.pressure	0.5kgf/cm²(0.05Mpa)			
使用温度范围℃/Operating Temperature Range	-10~+70℃			
使用速度范围/Operating Speed Range	50~750mm/s			
缓冲/Buffering	橡胶缓冲(标准)Rubber buffer(Standard),气缓冲(任选)Air buffer(Optional)			
行程公差/Margin of Stroke Error(mm)	+1.4 0mm			
接管口径/Port size	G1/8"	G1/8"	G1/8"	G1/4"

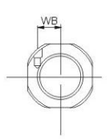
外形尺寸/Overall Dimension

ϕ20~ϕ40 CM2 系列/Series









尺寸表/Dimension Sheet

缸径/Diameter	行程范围/Stroke range	A	AL	B1	B2	D	E	F	G	H	H1	H2	I	K	MM	N	NA	NN	P	S	ZZ	WA	WB
20	~300	18	15.5	13	26	8	$20^{0}_{-0.033}$	13	8	41	5	8	28	5	M8×1.25	15	24	M20×1.5	1/8	62	116	11.5	8.5
25	~300	22	19.5	17	32	10	$26^{0}_{-0.033}$	13	8	45	6	8	33.5	5.5	M10×1.25	15	30	M26×1.5	1/8	62	120	11.5	10
32	~300	22	19.5	17	32	12	$26^{0}_{-0.033}$	13	8	45	6	8	37.5	5.5	M10×1.25	15	34.5	M26×1.5	1/8	64	122	11.5	11.5
40	~300	24	21	22	41	14	$32^{0}_{-0.033}$	16	11	50	6	10	46.5	7	M14×1.5	21.5	42.5	M32×2	1/4	88	154	14	15

订购码/Ordering Code

CJ2 – 10 – 60 S – □

- **CJ2** — 系列代号 Series Code: CD2B:基本型 / CDJ2B:内置磁环型 — CJ2B:Normal Type / CDJ2B:Attach magnet Type
- **10** — 缸径 Cylinder Bore: 6-Φ16mm
- **60** — 行程 Stroke: 0~200mm
- **S** — 动作 Action: S:单动(弹簧压回) / T:单动(弹簧压出) — S:single action (with spring return) / T:single action (with spring extent)
- **□** — 在头盖端的接气孔形式 The type of air hole on the head cover end

记号/Mark \ 缸径/Bore	Φ6	Φ10	Φ16
无记号/Blank	-	垂直/Vertical	
R	轴向/Horizontal		

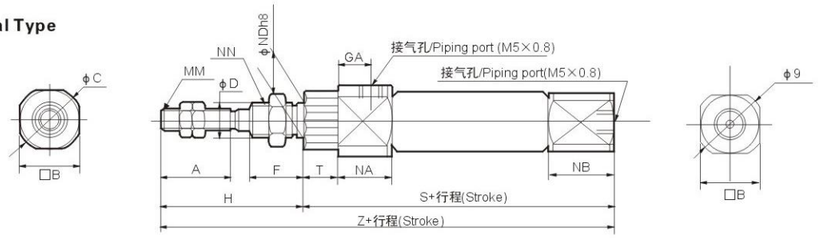
规格/Specifcation

内径/Bore(mm)	6	10	16
工作介质/Working Medium	空气/Air		
动作型式/Motion Pattern	单动:弹簧压回/弹簧压出 Double action/Single Action Extrusion type/Single Action Drawing-in Type		
保证耐压力/Ensured Pressure Resistance	1.05Mpa(10.5kgf/cm²)		
最高使用压力/Max.pressure	0.7Mpa(7.1kgf/cm²)		
最低使用压力/Min.pressure	0.25Mpa(2.5kgf/cm²)	0.15Mpa(1.5kgf/cm²)	
使用温度范围℃/Operating Temperature Range	-10~+70℃		
使用速度范围/Operating Speed Range	50~750mm/s		
缓冲/Buffering	两端橡胶缓冲(标准)Both side Rubber buffer(Standard)		
行程公差/Margin of Stroke Error(mm)	$^{+1.0}_{0}$ mm		
接管口径/Port size	M5×0.8		

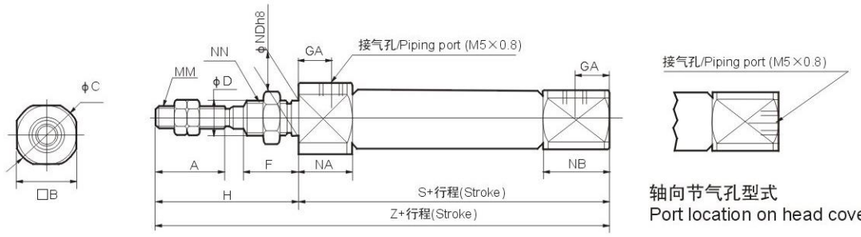
外形尺寸/Overall Dimension

基本型/Normal Type

CJ2B6



CJ2B10/16



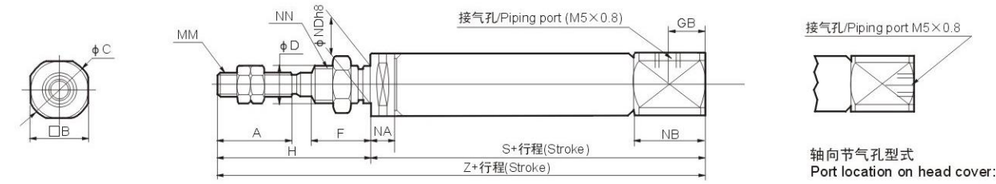
轴向节气孔型式
Port location on head cover:

尺寸表/Dimension Sheet

缸径/ Bore(mm)	A	B	C	D	F	GA	GB	H	MM	NA	NB	NDh8	NN	S	T	Z
6	15	12	14	3	8	14.5	-	28	M3×0.5	16	7	6	M6×1.0	49	3	77
10	15	12	14	4	8	8	5	28	M4×0.7	12.5	9.5	8	M8×1.0	46	-	74
16	15	18	20	5	8	8	5	28	M5×0.8	12.5	9.5	10	M10×1.0	47	-	75

外形尺寸/Overall Dimension

基本型:弹簧压回/Normal Type:Spring return CJ2B-CDJ2B



轴向节气孔型式
Port location on head cover:

尺寸表/Dimension Sheet

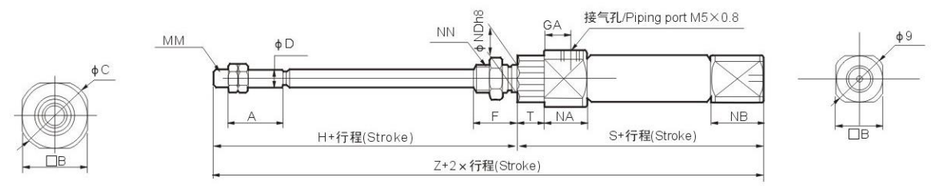
缸径/ Bore (mm)	A	B	C	D	F	GB	H	MM	NA	NB	NB b8	*S 5~15	*S 16~30	*S 31~45	*S 46~60	*S 61~75	*S 76~100	*S 101~125	*S 126~150	*Z 5~15	*Z 16~30	*Z 31~45	*Z 46~60	*Z 61~75	*Z 76~100	*Z 101~125	*Z 126~150
6	15	8	19	3	8	-	28	M3×0.5	3	7	$6^{0}_{-0.018}$	34.5 (39.5)	43.5 (48.5)	47.5 (52.5)	61.5 (66.5)	-	-	-	-	62.5 (67.5)	71.5 (76.5)	75.5 (80.5)	89.5 (94.5)	-	-	-	-
10	15	12	14	4	8	5	28	M4×0.7	5.5	9.5	$8^{0}_{-0.022}$	45.5	53	65	77	-	-	-	-	73.5	81	93	105	-	-	-	-
16	15	18	20	5	8	5	28	M5×0.8	5.5	9.5	$10^{0}_{-0.022}$	45.5	54	66	78	84	108	126	138	73.5	82	94	106	112	136	154	166

※内置磁环型尺寸/Attach Magnet size

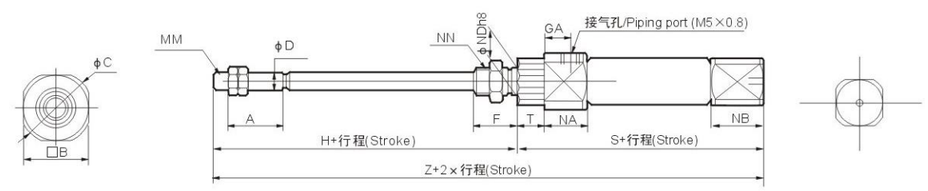
外形尺寸/Overall Dimension

基本型:弹簧压出/Normal Type:Spring extent CJ2B-CDJ2B

CJ2B6



CJ2B10/16



外形尺寸/Overall Dimension

缸径/ Bore (mm)	A	B	C	D	F	GA	H	MM	NN	NA	NB	NB b8	T	*S 5~15	*S 16~30	*S 31~45	*S 46~60	*S 61~75	*S 76~100	*S 101~125	*S 126~150	*Z 5~15	*Z 16~30	*Z 31~45	*Z 46~60	*Z 61~75	*Z 76~100	*Z 101~125	*Z 126~150
6	15	8	14	3	8	14.5	28	M3×0.5	M6×1	16	3	$6^{0}_{-0.018}$	3	46.5 (51.5)	55.5 (60.5)	59.5 (60.5)	73.5 (78.5)	-	-	-	-	74.5 (79.5)	83.5 (88.5)	87.5 (92.5)	101.5 (106.5)	-	-	-	-
10	15	12	14	4	8	8	28	M4×0.7	M8×1	12.5	5.5	$8^{0}_{-0.022}$	-	48.5	56	68	80	-	-	-	-	76.5	84	96	108	-	-	-	-
16	15	18	20	5	8	8	28	M5×0.8	M10×1	12.5	5.5	$10^{0}_{-0.022}$	-	48.5	57	69	81	87	111	129	141	76.5	85	97	109	115	139	157	169

※内置磁环型尺寸/Attach Magnet size

订购码/Ordering Code

ADVU – 50 × 80 – A – P – A – S2

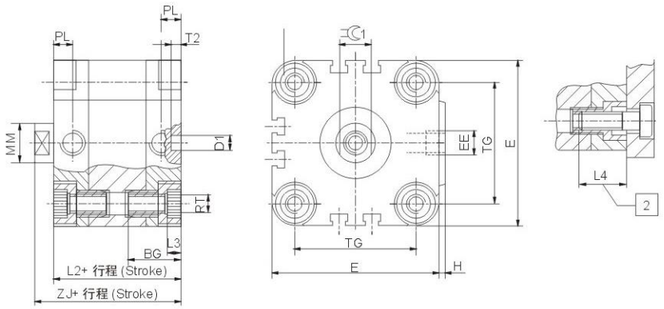
- **型号** Type
  - ADUV:复动 / ADUV:Double Action Type
  - AEVU:单作用推动型 / AEVU:Single-driven type
  - AEVUZ:单作用拉动型 / AEVUZ:Single pull type
- **缸径** Cylinder Bore: Φ16-Φ100mm
- **行程** Stroke
  - 基本型/Normal Type:
  - Φ16-25:1-200mm
  - Φ32-63:1-300mm
  - Φ80-100:1-400mm
  - 单作用/Single Action:
  - Φ12:1-10mm
  - Φ16-100:1-25mm
- **牙型** Cog Type
  - 空白:内螺纹 / Blank:Internal Thread
  - A:外螺纹 / A:External Thread
- **固定缓冲** Buffer Type
- **磁系代号** Magnet Code
  - 空白:不附磁系 / Blank:Without Magnet
  - A:Attach Magnet
- **活塞杆代号** Plunger Code
  - 空白:一端活塞杆 / Blank:Single end connecting rod
  - S2:双端活塞杆 / S2:Both ends connecting rod

规格/Specifcation

内径/Bore(mm)		16	20	25	32	40	50	63	80	100
动作方式/Action		双作用，单杆/双杆/Double acting, single rod/double rod								
使用流体/Fluid		过滤压缩空气/Filtered compressed air								
保证耐压力/Ensured Pressure Resistance		1.5MPa								
使用压力范围/Operating pressure range	ADVU - -P-A	0.12~1.0MPa	0.1~1.0MPa		0.08~1.0MPa			0.06~1.0MPa		
	ADVU - -P-A-S2	0.13~1.0MPa	0.12~1.0MPa		0.1~1.0MPa			0.8~1.0MPa		
环境和流体温度/Ambient and fluid temperature		-20~80 (No freezing)								
接管口径/Port size		M5			G1/8"					G1/4"
活塞杆螺纹/Piston rod thread	内螺纹/Female thread	M4	M5		M6		M8		M10	M12
	外螺纹/Male thread	M8	M10×1.25				M12×1.25		M16×1.5	M20×1.5
缓冲/Cushion		橡胶缓冲/Rubber bumper								

外形尺寸/Overall Dimension

ADVU□-□-P-A 系列 /Series



■ 注：
从上部安装φ12和16mm气缸时，两个安装螺钉成对角线分布，或者用非磁性螺钉。
+=行程长度相加
2最小旋入深度

Note
To attach cylinder. 12 and 16 mmfrom above, use only 2 screwsdiagonally or non-magnetic screws.
+= plus stroke length
2 Minimum screw-in depth

尺寸表/Dimension Sheet

内径/Bore size(mm)	GB	D1 φH9	E	EE	H	L2	L3	L4	φMM	PL	RT	T2	TG	ZJ	⌭1
16	18.5	6	29	M5	1	38	3	16	8	8	M4	4	18	42.5	7
20	18.5	6	36	M5	1.5	38	4	18	10	8	M5	4	22	42.5	9
25	18.5	6	40	M5	1.5	39.5	4	18	10	8	M5	4	26	45	9
32	21.5	6	50	G1/8	2	44.5	5	20	12	8	M6	4	32	50.5	10
40	21.5	6	60	G1/8	2.5	45.5	5	20	12	8	M6	4	42	52	10
50	22	6	68	G1/8	3	45.5	6	20	16	8	M8	4	50	53	13
63	24.5	8	87	G1/8	4	50	8	25	16	8	M10	4	62	57.5	13
80	27.5	8	107	G1/8	4	56	8	25	20	8.5	M10	4	82	64	17
100	32.5	8	128	G1/4	5	66.5	8	25	35	10.5	M10	4	103	76.5	22

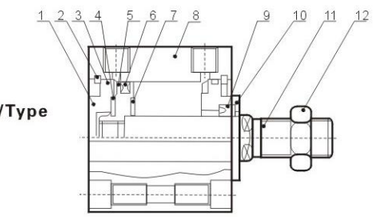
订购码/Ordering Code

SDA – 20 – 30 – 5 – S – B

- **系列代号** Series Code
  - SDA:复动型 / SDA: Double Action Type
  - SSA:单动押出型 / SSA: Single Action Extrusion Type
  - STA:单动引入型 / STA: Single Action Drawing-in Type
  - SDAD:双轴复动型 / SDAD: Double-shalf Double Action Type
  - SDAJ:复动可调行程型 / SDAJ:Double-shalf and Adjustable Stroke Type
- **缸径** Cylinder Bore: 12mm~100mm
- **行程** Stroke
- **可调行程** Adjust Stroke: 5mm, 15mm, 25mm
- **磁石代号** Magnet Code
  - 空白:标准型 / Blank:Without Magnet
  - S:内置磁环 / S:Attach Magnet
- **牙型** Cog Type
  - 空白:内牙 / Blank:Inner Thread
  - B:外牙 / B:outer Thread
  - N:无牙 / N:no Thread

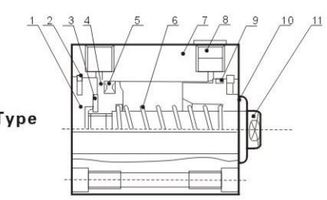
内部结构 Internal structure

SDA 型/Type



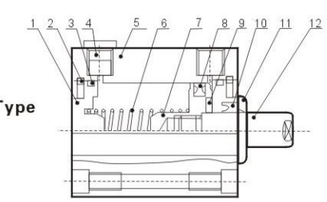
序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	后盖/Back cover	2	C型扣环/Type C buckle ring
3	前后盖O令/O-ring	4	防撞垫片/Anti-crash cushion
5	活塞/Piston	6	活塞O令/Piston O-ring
7	防撞垫片/Anti-crash cushion	8	缸筒/Barrel
9	前盖密封圈/Front cover seal ring	10	前盖/Front cover
11	活塞杆/Piston rod	12	活塞杆螺母/Piston Rod Nut

SSA 型/Type



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	后盖/Back cover	2	C型扣环/Type C buckle ring
3	防撞垫片/Anti-crash cushion	4	活塞/Piston
5	活塞O令/Piston O-ring	6	压缩弹簧 /Compressed spring
7	缸筒/Barrel	8	消音器/Silencer
9	前后盖O令/Cover O-ring	10	前盖/Front cover
11	活塞杆/Piston rod		

STA 型/Type



序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	后盖/Back cover	2	C型扣环/Type C buckle ring
3	前后盖O令/Cover O-ring	4	消音器/Silencer
5	缸筒/Barrel	6	压缩弹簧 /Compressed spring
7	活塞/Piston	8	活塞O令/Piston O-ring
9	防撞垫片/Anti-crash cushion	10	前盖密封圈/Frount cover seal ring
11	前盖/Front cover	12	活塞杆/Piston rod

规格/Specifcation

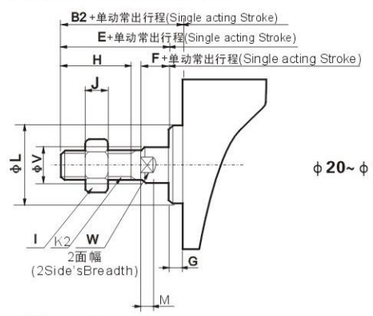
内径/Bore(mm)		12	16	20	25	32	40	50	63	80	100
动作形式/Motion Pattern		复动型 / Double Acting									
		单动押出型 单动引入型/Single Action Extrusion type Single Action Drawing-in Type						-			
工作介质/Working Medium		空气/Air									
使用压力范围/ Operating Pressure Range	复动型/Double Action	0.1~0.9MPa									
	单动型/Single Action	0.2~0.9MPa						-			
保证耐压力/Ensured Pressure Resistance		1.35MPa									
使用温度范围/Operating Temperature Range		-5~70℃									
使用速度范围/ Operating Speed Range	复动型/Double Action	30~500mm/s						30~350mm/s		30~250mm/s	
	单动型/Single Action	100~500mm/s						-			
缓冲型式/Buffer Type		固定缓冲/Fixed Type Buffer									
接管口径/Port Size		M5×0.8				G1/8"		G1/4"		G3/8"	

行程 Stroke

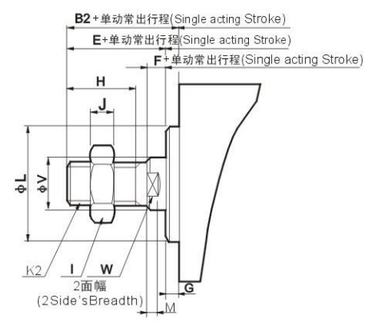
内径/Bore(mm)		12	16	20	25		32	40	50	63	80	100
复动型/ Double Action	不附磁/ Not attach magnet	5~60 mm 每5mm一级 Every 5mm is grouped as one grade		5~85 mm 每5mm一级 Every 5mm is grouped as one grade	5~90 mm 每5mm一级 Every 5mm is grouped as one grade	100~110 mm 每5mm一级 Every 5mm is grouped as one grade	5~90 mm 每5mm一级 Every 5mm is grouped as one grade			100~130mm 每5mm一级 Every 5mm is grouped as one grade		
	附磁型/ Attach magnet	5~50 mm 每5mm一级 Every 5mm is grouped as one grade		5~75mm 每5mm一级 Every 5mm is grouped as one grade	5~90 mm 每5mm一级 Every 5mm is grouped as one grade	100mm	5~90 mm 每5mm一级 Every 5mm is grouped as one grade			100~120 mm 每5mm一级 Every 5mm is grouped as one grade		
单动型/ Single Action	不附磁/ Not attach magnet	5~30 mm 每5mm一级 Every 5mm is grouped as one grade					5~30 mm 每5mm一级Every 5mm is grouped as one grade		-			
	附磁型/ Attach magnet	5~30 mm 每5mm一级 Every 5mm is grouped as one grade					5~30 mm 每5mm一级Every 5mm is grouped as one grade		-			
最大行程/Max.Stroke		60mm		100mm	120mm		130mm					

外牙尺寸 Outer Thread Dimension

ϕ12~ϕ16



ϕ20~ϕ100



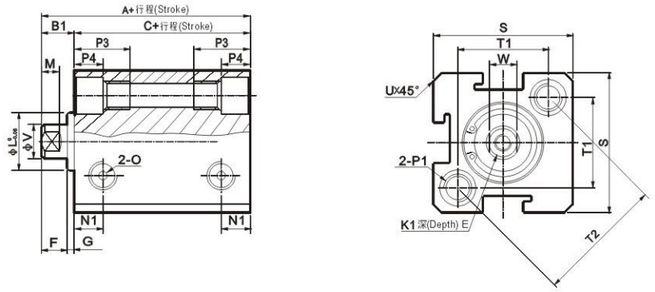
尺寸表/Dimension Sheet

缸径/行程 Bore/Symbol	B2	E	F	G	H	I	J	K2	L	M	V	W
12	17	16	4	1	10	8	4	M5×0.8	10.2	2.8	6	5
16	17.5	16	4	1.5	10	8	4	M5×0.8	11	2.8	6	5
20	20.5	19	4	1.5	13	10	5	M6×1.0	16	2.8	8	6
25	23	21	4	2	15	12	6	M8×1.25	17	2.8	10	8
32	25	22	4	3	15	17	6	M10×1.25	22	2.8	12	10
40	35	32	4	3	25	19	8	M14×1.5	28	2.8	16	14
50	37	33	5	4	25	27	11	M18×1.5	38	2.8	20	17
63	37	33	5	4	25	27	11	M18×1.5	40	2.8	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

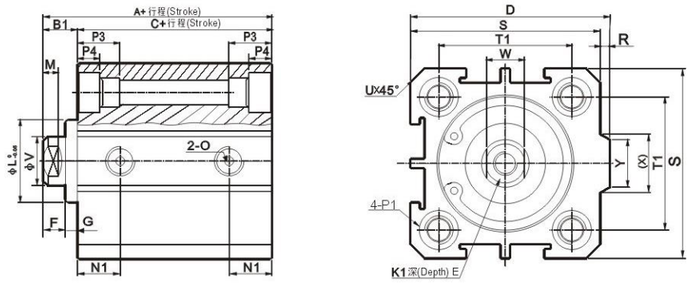
SDA Series
Thin Type(Compact) Cylinder

外形尺寸/Overall Dimension

SDA.SDAS 型Type
ϕ12–ϕ16



SDA.SDAS 型Type
ϕ20–ϕ100



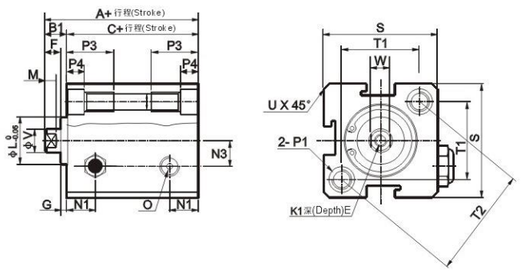
尺寸表/Dimension Sheet

型式/Type	标准型 Standard type			附磁性 Attach Magnet			D	E		F	G	K1	L	M	N1
内径/符号 Bore Size/Symbol	A	B1	C	A	B1	C		行程 Stroke≤10	行程 Stroke>10						
12	22	5	17	32	5	27	-	6		4	1	M3×0.5	10.2	2.8	6.3
16	24	5.5	18.5	34	5.5	28.5	-	6		4	1.5	M3×0.5	11	2.8	7.3
20	25	5.5	19.5	35	5.5	29.5	36	8		4	1.5	M4×0.7	15	2.8	7.5
25	27	6	21	37	6	31	42	10		4	2	M5×0.8	17	2.8	8
32	31.5	7	24.5	41.5	7	34.5	50	12		4	3	M6×1	22	2.8	9
40	33	7	28	43	7	36	58.5	12		4	3	M8×1.25	28	2.8	10
50	37	9	28	47	9	38	71.5	15		5	4	M10×1.5	38	2.8	10.5
63	41	9	32	51	9	42	84.5	15		5	4	M10×1.5	40	2.8	11.8
80	52	11	41	62	11	51	104	15	20	6	5	M14×1.5	45	4	14.5
100	63	12	51	73	12	61	124	18	20	7	5	M18×1.5	55	4	20.5

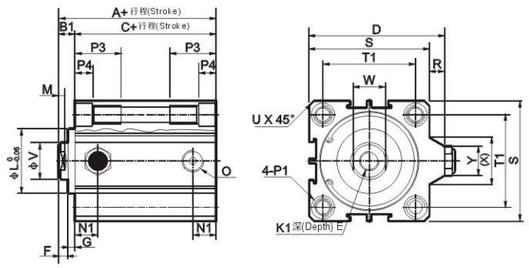
内径/符号 Bore Size/Symbol	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	6.5	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	-	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	-	M5×0.8	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	-	G1/8"	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	-	G1/8"	双边(Double Sides):Φ10/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	-	G1/4"	双边(Double Sides):Φ11/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	-	G1/4"	双边(Double Sides):Φ11/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20
80	-	G3/8"	双边(Double Sides):Φ14/牙(Thread):M12×1.75/通孔(Through ports):Φ9.2	25	10.5	10	94	74	-	3.65	25	22	36	26
100	-	G3/8"	双边(Double Sides):Φ17.5/牙(Thread):M14×2/通孔(Through ports):Φ11.3	30	13	10	114	90	-	3.65	32	27	35	26

外形尺寸/Overall Dimension

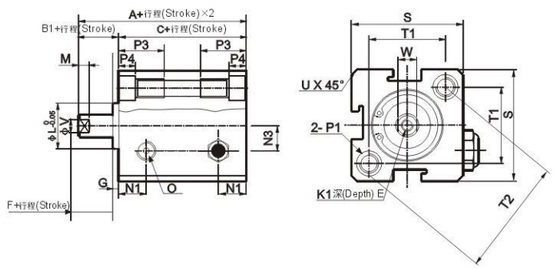
SSA.SSAS 型/Type ϕ12–ϕ16



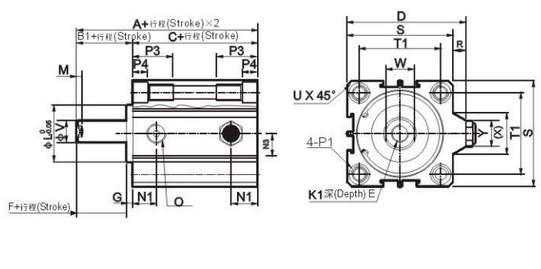
SSA.SSAS 型/Type ϕ20–ϕ40



STA.STAS 型/Type ϕ12–ϕ16



STA.STAS 型/Type ϕ20–ϕ40



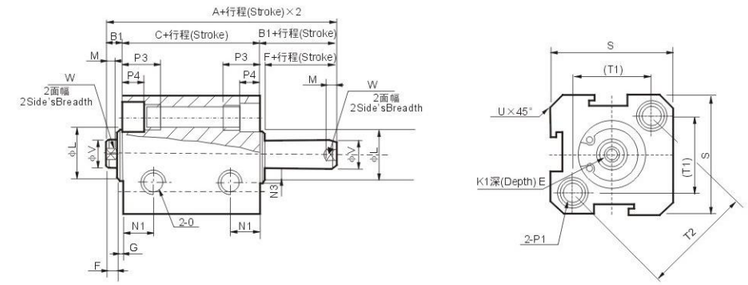
尺寸表/Dimension Sheet

型式/Type	标准型/Standard Type					附磁性/Attach magnet					D	E	F	G	K1	L	M	N1
行程 Strbke	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	2.8	6.3
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	2.8	7.3
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	16	2.8	7.5
25	37	47	6	34	41	47	57	6	41	51	42	10	4	2	M5×0.8	17	2.8	8
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	2.8	9
40	43	53	7	36	46	53	63	7	46	56	58.5	12	4	3	M8×1.25	28	2.8	10

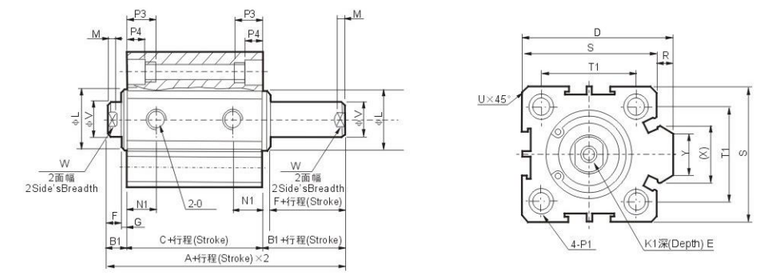
内径/符号 Bore Size/Symbol	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	6.5	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	-	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	-	M5×0.8	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	-	G1/8"	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	-	G1/8"	双边(Double Sides):Φ10/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16

外形尺寸/Overall Dimension

SDAD.SDADS 型/Type
ϕ12~ϕ16



SDAD.SDADS 型/Type
ϕ20~ϕ100



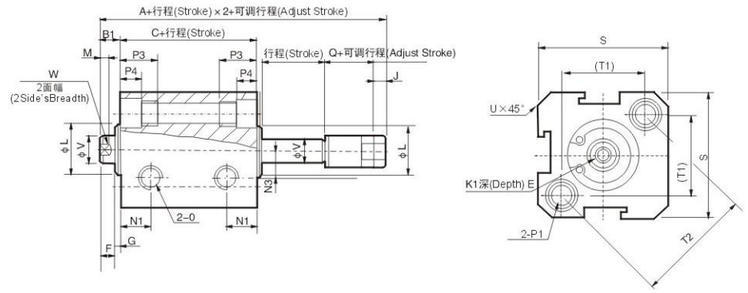
尺寸表/Dimension Sheet

型式/Type	标准型 Standard type			附磁性 Attach Magnet			D	E		F	G	K1	L	M	N1
内径/符号 Bore Size/Symbol	A	B1	C	A	B1	C		行程 Stroke≤10	行程 Stroke>10						
12	27	5	17	37	5	27	-	6		4	1	M3×0.5	10.2	2.8	6.3
16	29.5	5.5	18.5	39.5	5.5	28.5	-	6		4	1.5	M3×0.5	11	2.8	7.3
20	30.5	5.5	19.5	40.5	5.5	29.5	36	8行程(Stroke)=5 时为(itis)6.5		4	1.5	M4×0.7	15	2.8	7.5
25	33	6	21	43	6	31	42	10行程(Stroke)=5 时为(itis)7		4	2	M5×0.8	17	2.8	8
32	38.5	7	24.5	48.5	7	34.5	50	8	12	4	3	M6×1	22	2.8	9
40	40	7	28	50	7	36	58.5	9	12	4	3	M8×1.25	28	2.8	10
50	46	9	28	56	9	38	71.5	11	15	5	4	M10×1.5	38	2.8	10.5
63	50	9	32	60	9	42	84.5	11	15	5	4	M10×1.5	40	2.8	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	20.5

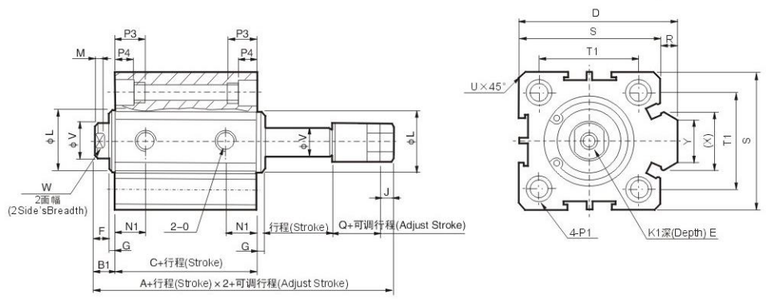
内径/符号 Bore Size/Symbol	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	6.5	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	-	M5×0.8	双边(Double Sides):Φ6.5/牙(Thread):M5×0.8/通孔(Through ports):Φ4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	-	M5×0.8	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	-	G1/8"	双边(Double Sides):Φ8.2/牙(Thread):M6×1.0/通孔(Through ports):Φ4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	-	G1/8"	双边(Double Sides):Φ10/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	-	G1/4"	双边(Double Sides):Φ11/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	-	G1/4"	双边(Double Sides):Φ11/牙(Thread):M8×1.25/通孔(Through ports):Φ6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20
80	-	G3/8"	双边(Double Sides):Φ14/牙(Thread):M12×1.75/通孔(Through ports):Φ9.2	25	10.5	10	94	74	-	3.65	25	22	36	26
100	-	G3/8"	双边(Double Sides):Φ17.5/牙(Thread):M14×2/通孔(Through ports):Φ11.3	30	13	10	114	90	-	3.65	32	27	35	26

外形尺寸/Overall Dimension

SDAJ.SDAJS 型/Type
ϕ12~ϕ16



SDAJ.SDAJS 型/Type
ϕS20~ϕ100



尺寸表/Dimension Sheet

型式/Type	标准型 Standard type			附磁性 Attach Magnet			D	E		F	G	K1	L	M	N1
内径/符号 Bore Size/Symbol	A	B1	C	A	B1	C		行程 Stroke≤10	行程 Stroke>10						
12	22	5	17	32	5	27	-	6		4	1	M3×0.5	10.2	2.8	6.3
16	24	5.5	18.5	34	5.5	28.5	-	6		4	1.5	M3×0.5	11	2.8	7.3
20	25	5.5	19.5	35	5.5	29.5	36	8		4	1.5	M4×0.7	15	2.8	7.5
25	27	6	21	37	6	31	42	10		4	2	M5×0.8	17	2.8	8
32	31.5	7	24.5	41.5	7	34.5	50	12		4	3	M6×1	22	2.8	9
40	33	7	26	43	7	36	58.5	12		4	3	M8×1.25	28	2.8	10
50	37	9	28	47	9	38	71.5	15		5	4	M10×1.5	38	2.8	10.5
63	41	9	32	51	9	42	84.5	15		5	4	M10×1.5	40	2.8	11.8
80	52	11	41	62	11	51	104	15	20	6	5	M14×1.5	45	4	14.5
100	63	12	51	73	12	61	124	18	20	7	5	M18×1.5	55	4	20.5

内径/符号 Bore Size/Symbol	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	双边(Double Sides): Φ6.5/牙(Thread):M5×0.8/通孔(Through ports): Φ4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	6.5	M5×0.8	双边(Double Sides): Φ6.5/牙(Thread):M5×0.8/通孔(Through ports): Φ4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	-	M5×0.8	双边(Double Sides): Φ6.5/牙(Thread):M5×0.8/通孔(Through ports): Φ4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	-	M5×0.8	双边(Double Sides): Φ6.5/牙(Thread):M6×1.0/通孔(Through ports): Φ4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	-	G1/8"	双边(Double Sides): Φ6.5/牙(Thread):M6×1.0/通孔(Through ports): Φ4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	-	G1/8"	双边(Double Sides): Φ6.5/牙(Thread):M8×1.25/通孔(Through ports): Φ6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	-	G1/4"	双边(Double Sides): Φ6.5/牙(Thread):M8×1.25/通孔(Through ports): Φ6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	-	G1/4"	双边(Double Sides): Φ6.5/牙(Thread):M8×1.25/通孔(Through ports): Φ6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20
80	-	G3/8"	双边(Double Sides): Φ6.5/牙(Thread):M12×1.75/通孔(Through ports): Φ9.2	25	10.5	10	94	74	-	3.65	25	22	36	26
100	-	G3/8"	双边(Double Sides): Φ6.5/牙(Thread):M12×1.75/通孔(Through ports): Φ11.3	30	13	10	114	90	-	3.65	32	27	35	26

订购码/Ordering Code

CQ2 – □ 12 – 10 D □

系列代号
CQ2:基本型
CDQ2:内置磁环型
Series Code
CQ2:Normal Type
CDQ2:Attach magnet Type

安装
B:通孔
A:两端内螺纹
Mounting Style
B:with through bore
A:with female thread on both ends

缸径
单动:Φ12-Φ50mm;
双动:Φ12-Φ100mm
Cylinder Bore
Single action:Φ12-Φ50mm
Double action:Φ12-Φ100mm

行程
Stroke
0~100mm

动作
D:双动
S:单动(弹簧压回)
T:单动(弹簧压出)
Action
D:double action
S:single action(with spring return)
T:single action(with spring extent)

缸身(任选)
空白:杆端内螺纹
M:杆端外螺纹
C:橡胶缓冲
Cylinder body (optional)
Blank:Inner Thread Type
M:Thread outer Type
C:With cushion

规格/Specifcation

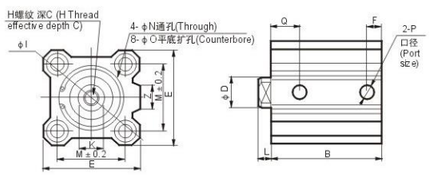
内径/Bore(mm)	12	16	20	25	32	40	50	63	80	100
工作介质/Working Medium	空气/Air									
动作型式/Motion Pattern	单动: 弹簧压回/弹簧压出 Double action/Single Action Extrusion type/Single Action Drawing-in Type									
保证耐压力/Ensured Pressure Resistance	15.3kgf/cm²(1.5Mpa)									
最高使用压力/Max.pressure	10.2kgf/cm²(1.0Mpa)									
环境和流体温度/Environment and fluid temp	5~+60℃									
杆端螺纹/Thread Type	内螺纹(标准)/外螺纹(任选) Inner Thread(Standard)/Outer Thread(Optional)									
缓冲/Buffering	无/NO									
行程公差/Margin of Stroke Error(mm)	$^{+1.0}_{0}$									
安装/Installation	通孔(标准)/两准内螺纹(任选)Through Hole (Standard)，Inner size on the two sides(Optional)									
接管口径/Port size	M5×0.8				G1/8"		G1/4"		G3/8"	

■ 单动气缸不可以加橡胶缓冲。Note:Pls Confirm Single Type Can't With Cushion.

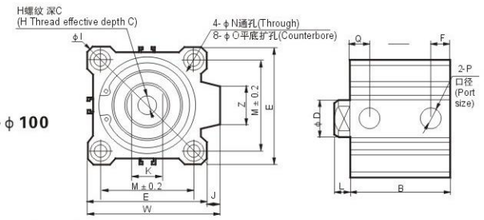
外形尺寸/Overall Dimension

通孔安装型(Through Hole Type)/CQ2B 系列/Series

ϕ12~ϕ25



ϕ32~ϕ100



双动气缸尺寸表 Dimension Sheet(Double Action)

型号/Model	行程范围 Stroke range (mm)	B	ΦD	E	F	H	C	ΦI	J	K	L	M	ΦN	ΦO	P	Q	W	Z
CQ2B12-□D	5~30	17+st	6	25	5	M3×0.5	6	32	-	5	3.5	15.5	3.5	6.5 深/depth 3.5	M5×0.8	7.5	-	-
CQ2B16-□D	5~30	18.5+st	8	29	5.5	M4×0.7	8	38	-	6	3.5	20	3.5	6.5 深/depth 3.5	M5×0.8	8	-	10
CQ2B20-□D	5~50	19.5+st	10	36	5.5	M5×0.8	7	47	-	8	4.5	25.5	5.5	9 深/depth 7	M5×0.8	9	-	10
CQ2B25-□D	5~50	22.5+st	12	40	5.5	M6×1.0	12	52	-	10	5	28	5.5	9 深/depth 7	M5×0.8	11	-	10
CQ2B32-□D	5	23+st	16	45	5.5	M8×1.25	13	60	4.5	14	7	34	5.5	9 深/depth 7	M5×0.8	11.5	49.5	18
	10~50				7.5										1/8	10.5		
CQ2B40-□D	5~50	29.5+st	16	52	8	M8×1.25	13	69	5	14	7	40	5.5	9 深/depth 7	1/8	11	57	18
CQ2B50-□D	10~50	30.5+st	20	64	10.5	M10×1.5	15	86	7	17	8	50	6.6	11 深/depth 8	1/4	10.5	71	22
CQ2B63-□D	10~50	36+st	20	77	10.5	M10×1.5	15	103	7	17	8	60	9	14 深/depth 10.5	1/4	15	84	22
CQ2B80-□D	10~50	43.5+st	25	98	12.5	M16×2.0	21	132	6	22	10	77	11	17.5 深/depth 13.5	3/8	16	104	26
CQ2B100-□D	10~50	53+st	30	117	13	M20×2.5	27	156	6.5	27	12	94	11	17.5 深/depth 13.5	3/8	23	123.5	26

注/Note 2)长行程(Long Stroke)

型号/Model	行程(mm)	B	F	P	Q
32	75,100	33	7.5	1/8	10.5
40	75,100	39.5	8	1/8	11
50	75,100	40.5	10.5	1/4	10.5
63	75,100	46	10.5	1/4	15
80	75,100	53.5	12.5	3/8	16
100	75,100	63	13	3/8	23

St=行程(Stroke)

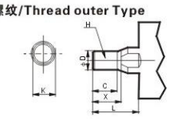
注1) 标准行程是每5mm相隔。 Note 1)The standard stroke is at a distance of each 5 mm.
注2) 行程有55mm至100mm之间的中间行程(55,60,65,70,80,85,90,95)，加5,10,15或20mm厚的垫板。
Note 2)The stroke between 55mm-100mm(55,60,65,70,80,85,90,95,)need to be added thickness of 5,10,15 or 20mm pad.
注3) 除非有特别指明，通孔型气缸尺寸和两端内螺纹气缸尺寸是一样。 Note 3)External dimensions with rumper are same as stsndard type as shown above.

单动的气缸尺寸表 / Dimension Sheet(Single Action)

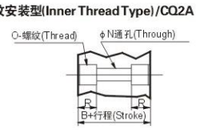
型号/Model	B			ΦD	E	F		H	C	ΦI	J	K	L	M	ΦN	ΦO	P			Q		W	Z
	5st	10st	20st			5st	10st										5st	10st	20st	5st	10st		
CQ2B12-□S	22	27	-	6	25	5	5	M3×0.5	6	32	-	5	3.5	15.5	3.5	6.5深/depth 3.5	M5×0.8		-	7.5	7.5	-	-
CQ2B16-□S	23.5	28.5	-	8	29	5.5	5.5	M4×0.7	8	38	-	6	3.5	20	3.5	6.5深/depth 3.5	M5×0.8		-	8	8	-	10
CQ2B20-□S	24.5	29.5	-	10	36	5.5	5.5	M5×0.8	7	47	-	8	4.5	25.5	5.5	9深/depth 7	M5×0.8		-	9	9	-	10
CQ2B25-□S	27.5	32.5	-	12	40	5.5	5.5	M6×1.0	12	52	-	10	5	28	5.5	9深/depth 7	M5×0.8		-	11	11	-	10
CQ2B32-□S	28	33	-	16	45	5.5	7.5	M8×1.25	13	60	4.5	14	7	34	5.5	9深/depth 7	M5×0.8	1/8	-	11.5	11.5	49.5	18
CQ2B40-□S	34.5	39.5	-	16	52	8	8	M8×1.25	13	69	5	14	7	40	5.5	9深/depth 7	1/8		-	11	11	57	18
CQ2B50-□S	-	40.5	50.5	20	64	10.5	10.5	M10×1.5	15	86	7	17	8	50	6.6	11深/depth 8	-	1/4		10.5	10.5	71	22

St=行程(Stroke)

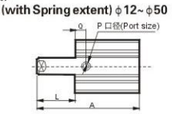
活塞杆外螺纹/Thread outer Type



两端内螺纹安装型(Inner Thread Type)/CQ2A



单动/弹簧压出/
Single Action (with Spring extent) ϕ12~ϕ50



活塞杆外螺纹
Thread outer Type

缸径/Bore (mm)	C	X	ΦD	H	L	K
12	9	10.5	6	M5×0.8	14	5
16	10	12	8	M6×1.0	15.5	6
20	12	14	10	M8×1.25	18.5	8
25	15	17.5	12	M10×1.25	22.5	10
32	20.5	23.5	16	M14×1.5	28.5	14
40	20.5	23.5	16	M14×1.5	28.5	14
50	26	28.5	20	M18×1.5	33.5	17
63	26	28.5	20	M18×1.5	33.5	17
80	32.5	35.5	25	M22×1.5	43.5	22
100	32.5	35.5	30	M26×1.5	43.5	27

注3)两端内螺纹
Note3)Inner Thread Type

缸径/Bore (mm)	O	R
12	M4×0.7	7
16	M4×0.7	7
20	M6×1.0	10
25	M6×1.0	10
32	M6×1.0	10
40	M6×1.0	10
50	M8×1.25	14
63	M10×1.5	18
80	M12×1.75	22
100	M12×1.75	22

单动/弹簧压出
Single Action (with Spring extent)

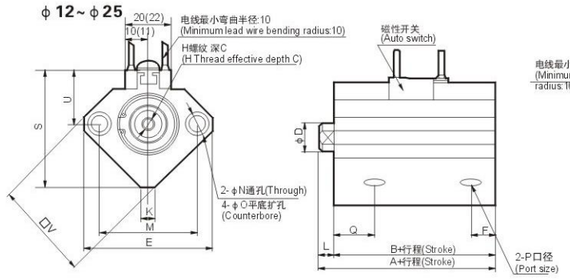
缸径/Bore (mm)	A			L		
	5st	10st	20st	5st	10st	20st
12	30.5	40.5	-	8.5	13.5	-
16	32	42	-	8.5	13.5	-
20	34	44	-	9.5	14.5	-
25	37.5	47.5	-	10	15	-
32	40	50	-	12	17	-
40	46.5	56.5	-	12	17	-
50	-	58.5	78.5	-	18	28

*除非有特别指明，通孔型气缸尺寸和两端内螺纹气缸尺寸是一样。
*External dimensions with rumper are same as stsndard type as shown above.

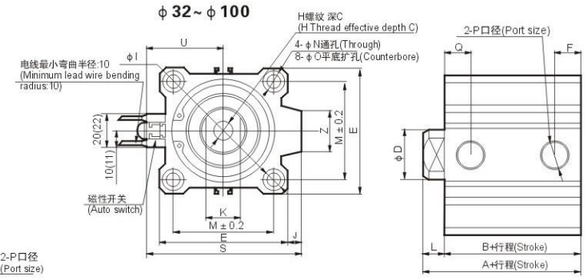
外形尺寸/Overall Dimension

CDQ2B 系列/Series

ϕ12~ϕ25



ϕ32~ϕ100



双动气缸尺寸表 Dimension Sheet(Double Action)

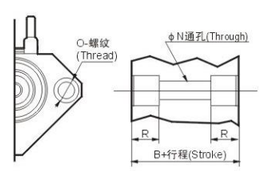
型号/Model	注1)行程范围 Stroke range (mm)	A	B	ΦD	E	F	H	C	ΦI	J	K	L	M	ΦN	ΦO	P	Q	S	U	V	Z
CDQ2B12	5~30	31.5	28	6	32	6.5	M3×0.5	6	-	-	5	3.5	22	3.5	6.5深/depth 3.5	M5×0.8	11	35.5	19.5	25	-
CDQ2B16	5~30	34	30.5	8	38	5.5	M4×0.7	8	-	-	6	3.5	28	3.5	6.5深/depth 3.5	M5×0.8	10	41.5	22.5	29	-
CDQ2B20	5~50	36	31.5	10	46.8	5.5	M5×0.8	7	-	-	8	4.5	36	5.5	9深/depth 7	M5×0.8	10.5	48	24.5	36	-
CDQ2B25	5~50	37.5	32.5	12	52	5.5	M6×1.0	12	-	-	10	5	40	5.5	9深/depth 7	M5×0.8	11	53.5	27.5	40	-
CDQ2B32	5~50	40	33	16	45	7.5	M8×1.25	13	60	4.5	14	7	34	5.5	9深/depth 7	1/8	10.5	58.5	31.5	-	18
CDQ2B40	5~50	46.5	39.5	16	52	8	M8×1.25	13	69	5	14	7	40	5.5	9深/depth 7	1/8	11	66	35	-	18
CDQ2B50	10~50	48.5	40.5	20	64	10.5	M10×1.5	15	86	7	17	8	50	6.6	11深/depth 8	1/4	10.5	80	41	-	22
CDQ2B63	10~50	54	46	20	77	10.5	M10×1.5	15	103	7	17	8	60	9	14深/depth 10.5	1/4	15	93	47.5	-	22
CDQ2B80	10~50	63.5	53.5	25	98	12.5	M16×2.0	21	132	6	22	10	77	11	17.5深/depth 13.5	3/8	16	112.5	57.5	-	26
CDQ2B100	10~50	75	63	30	117	13	M20×2.5	27	156	6.5	27	12	94	11	17.5深/depth 13.5	3/8	23	132.5	67.5	-	26

注/Note2)长行程(Long Stroke)

型号/Model	行程(mm)	A	B	F	P	Q
32	75,100	40	33	7.5	1/8	10.5
40	75,100	46.5	39.5	8	1/8	11
50	75,100	48.5	40.5	10.5	1/4	10.5
63	75,100	54	46	10.5	1/4	15
80	75,100	63.5	53.5	12.5	3/8	16
100	75,100	75	63	13	3/8	23

注1) 标准行程是每5mm相隔。
Note 1)The standard stroke is at a distance of each 5 mm.
注2) 行程有55mm至100mm之间的中间行程(55,60,65,70,80,85,90,95)，加5,10,15或20mm厚的垫板。
Note 2)The stroke between 55mm-100mm(55,60,65,70,80,85,90,95,)need to be added thickness of 5,10,15 or 20mm pad.
注3) 除非有特别指明，通孔型气缸尺寸和两端内螺纹气缸尺寸是一样。
Note 3)External dimensions with rumper are same as stsndard type as shown above.
注4) 5mm行程气缸只能安装一个磁性开关。
Note 4)The stroke of cylinder in 5 mm can be fixed only one magnetism swith

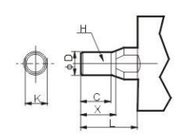
两端内螺纹/Inner Thread Type
CDQ2A



注3)两端内螺纹
Note3)Inner Thread Type

缸径/Bore (mm)	O	R
12	M4×0.7	7
16	M4×0.7	7
20	M6×1.0	10
25	M6×1.0	10
32	M6×1.0	10
40	M6×1.0	10
50	M8×1.25	14
63	M10×1.5	18
80	M12×1.75	22
100	M12×1.75	22

杆端外螺纹
Thread outer type



杆端外螺纹/
Thread outer type

缸径/Bore (mm)	C	X	ΦD	H	L	K
12	9	10.5	6	M5×0.8	14	5
16	10	12	8	M6×1.0	15.5	6
20	12	14	10	M8×1.25	18.5	8
25	15	17.5	12	M10×1.25	22.5	10
32	20.5	23.5	16	M14×1.5	28.5	14
40	20.5	23.5	16	M14×1.5	28.5	14
50	26	28.5	20	M18×1.5	33.5	17
63	26	28.5	20	M18×1.5	33.5	17
80	32.5	35.5	25	M22×1.5	43.5	22
100	32.5	35.5	30	M26×1.5	43.5	27

CJPB10-15

订购码/Ordering Code

CJP – 10 – 5 – B

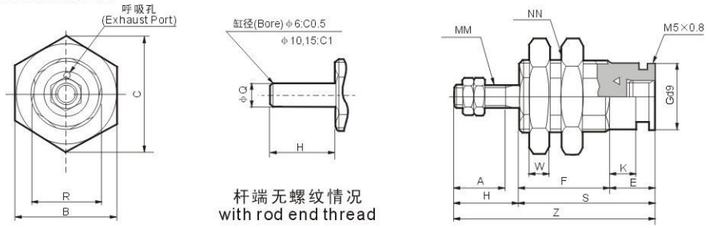
- CJP: 系列代号 / Series Code — CJPB:面板安装型 CJPS:内藏型 / CJPB:Panel mount Type CJPS:Invisible Type
- 10: 缸径 / Cylinder Bore — 6-Φ6mm, 10-Φ10mm, 15-Φ15mm
- 5: 行程 / Stroke — 0~30mm
- B: 螺纹型 / Thread Type — 空白:有螺纹 B:无螺纹 / Blank:With Thread B:No. Thead

规格/Specifcation

内径/Bore(mm)	6	10	15
工作介质/Working Medium	空气/Air		
动作型式/Motion Pattern	复动/单动(弹簧压回) Double action / Single Action(Drawing-in Type)		
保证耐压力/Ensured Pressure Resistance	10.5kgf/cm²(1.05Mpa)		
最高使用压力/Max.pressure	7kgf/cm²(0.7Mpa)		
最低使用压力/Min.pressure	2kgf/cm²(0.2Mpa)	1.5kgf/cm²(0.15Mpa)	
使用温度范围℃/Operating Temperature Range	5~+60℃		
缓冲/Buffering	无 /NO		
Margin of Stroke Error(mm)	$^{+1.0}_{0}$		
接管口径/Port size	M5×0.8(面板安装型/Panel mount Type)		

外形尺寸/Overall Dimension

Panel Mounting Style
面板安装型CJPB

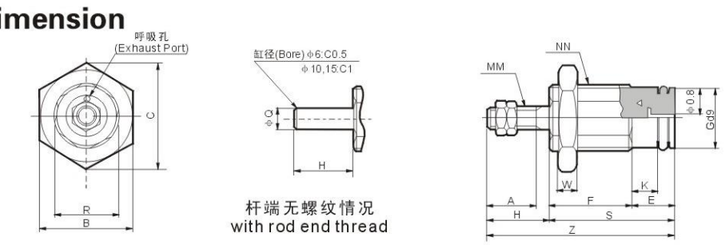


St=行程(Stroke) mm

缸径/ Bore(mm)	A	B	C	E	F			ΦG	H	K	MM	NN	R	S			W	Z			Q
					5st	10st	15st							5st	10st	15st		5st	10st	15st	
6	7	12	13.9	6	12.5	19.5	26.5	8.5	9	3.5	M3×0.5	M10×1.0	9	18.5	22.5	32.5	3	27.5	34.5	41.5	3
10	10	19	22	6	14.5	21	28	12	12	3.5	M4×0.7	M15×1.5	13	20.5	27	34	4	32.5	39	46	5
15	12	27	31	7	16.5	22.5	29	19	14	4.2	M5×0.8	M22×1.5	20	23.5	29.5	36	5	37.5	43.5	50	6

外形尺寸/Overall Dimension

内藏型
(Plug Mounting Style)CJPS



缸径/ Bore(mm)	A	B	C	E	F			ΦG	H	K	MM	NN	R	S			W	Z			Q
					5st	10st	15st							5st	10st	15st		5st	10st	15st	
6	7	12	13.9	6	12.5	19.5	26.5	8.5	9	3.5	M3×0.5	M10×1.0	9	18.5	22.5	32.5	3	27.5	34.5	41.5	3
10	10	19	22	6	14.5	21	28	12	12	3.5	M4×0.7	M15×1.5	13	20.5	27	34	4	32.5	39	46	5
15	12	27	31	7	16.5	22.5	29	19	14	4.2	M5×0.8	M22×1.5	20	23.5	29.5	36	5	37.5	43.5	50	6

订购码/Ordering Code

TN – 20 × 50 – S

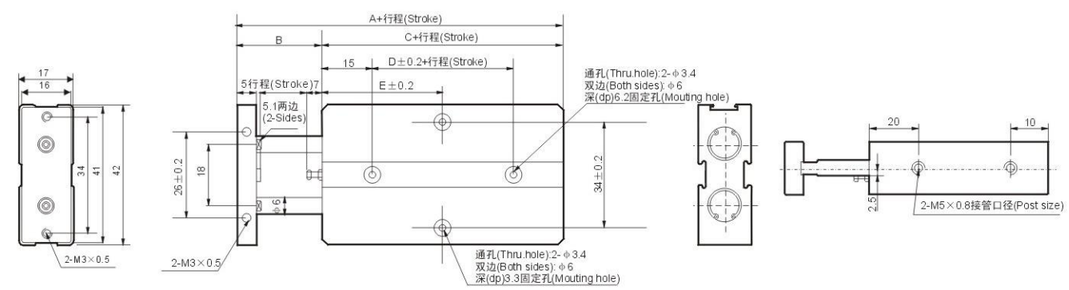
- TN: 系列代号 / Series Code — 双轴复动型 / Double-Shalf Double Action Type
- 20: 缸径 / Cylinder Bore — Φ10~~Φ32mm
- 50: 行程 / Stroke
- S: 磁系代号 / Magnet Code — 空白:标准型 S:内置磁环型 / Blank:Without Magnet S:Attach Magnet

规格/Specifcation

内径/Bore(mm)	10	16	20	25	32
动作型式/Motion Pattern	复动型/Double action				
工作介质/Working Medium	空气/Air				
使用压力范围/Operating Voltage Range	1~9kgf/cm²				
保证耐压力/Ensured Pressure Resistance	10.5kgf/cm²				
使用温度范围℃/Operating Temperature Range	-5~+70℃				
使用速度范围/Operating Speed Range	100~500mm/s				
调差行程/Adjustable Stroke	-10~0mm				
缓冲型式/Cushion Type	可调缓冲/Adjustable Cushion				
不回转精度/Non-rotating Precision	0.4℃	0.3℃			
接管口径/Port Size	M5×0.8				G1/8"

外形尺寸/Overall Dimension

Φ10 TN 系列 /Series

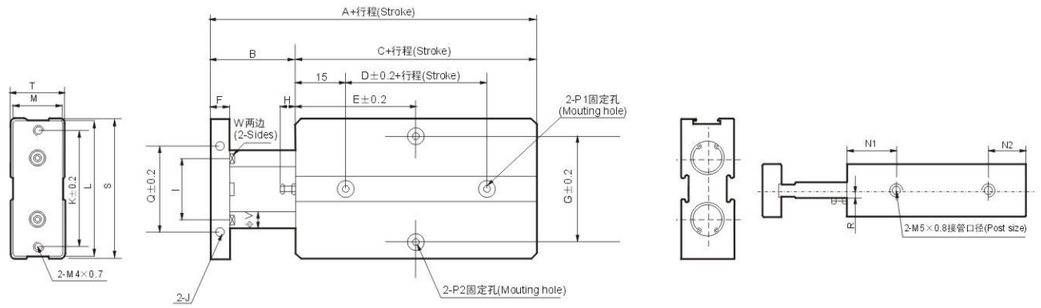


尺寸表/Dimension Sheet

缸径/ Bore size	A	B	C	D	E						
项目/Item					10	20	30	40	50	60	70
10	63	12	51	10	30	30	35	40	45	50	55

外形尺寸/Overall Dimension

ϕ16~ϕ25 TN 系列 / Series



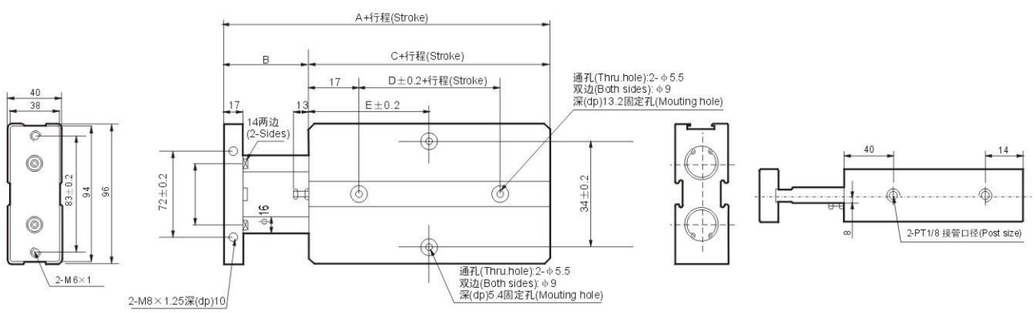
尺寸表/Dimension Sheet

缸径/Bore size 项目/Item	A	B	C	D	E												F	G	H	I
					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

缸径/项目 Bore size/Item	J	K	L	M	N1	N2	P1	P2	Q	R	S	T	V	W
16	M4×0.7深/dp 5	47	53	20	22	11	双边(Both sides):ϕ7.5深(dp) 7.2mm 通孔(Thru.hole): ϕ4.5	双边(Both sides): ϕ8深(dp) 4.4mm 通孔(Thru.hole): ϕ4.5	34	3	54	21	8	6.1
20	M4×0.7深/dp 5	55	61	24	25	12	双边(Both sides):ϕ7.5深(dp) 7.2mm 通孔(Thru.hole): ϕ4.5	双边(Both sides): ϕ8深(dp) 4.4mm 通孔(Thru.hole): ϕ4.5	44	3.5	62	25	10	8.1
25	M4×0.7深/dp 6	66	72	29	27	12	双边(Both sides):ϕ7.5深(dp) 7.2mm 通孔(Thru.hole): ϕ4.5	双边(Both sides): ϕ8深(dp) 4.4mm 通孔(Thru.hole): ϕ4.5	56	7	73	30	12	10.2

外形尺寸/Overall Dimension

ϕ32 TN 系列 / Series



尺寸表/Dimension Sheet

缸径/ Bore size 项目/Item	A	B	C	D	E											
					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

订购码/Ordering Code

CXS — M — 20 — 50

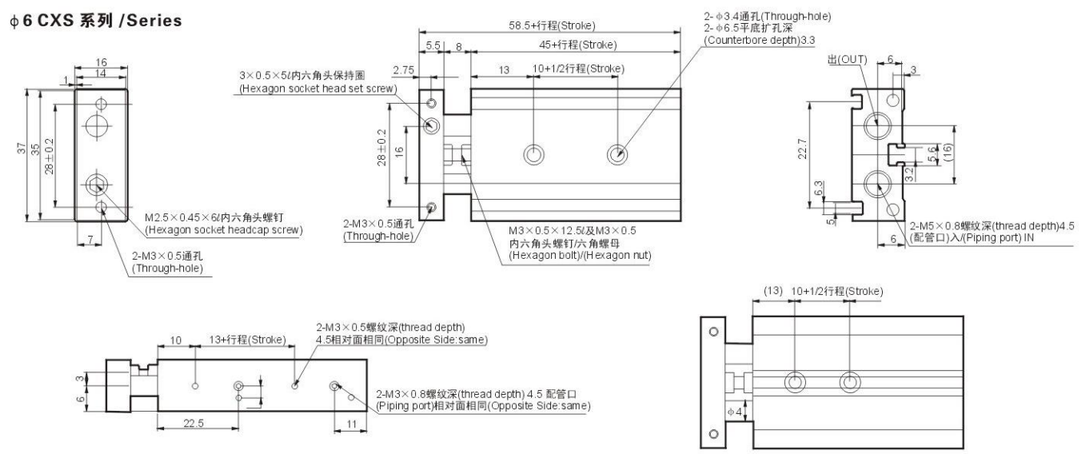
- CXS: 系列代号 / Series Code — 内置磁环型 / CXS:Attach magnet Type
- M: 轴承种类 / Type of Bearing — M:滑动轴承 / M:Slide Bearing Type; L:滑珠导向轴承 / L:Ball Guide Bearing Type
- 20: 缸径 / Cylinder Bore — 6-Φ6mm; 10-Φ10mm; 16-Φ16mm; 20-Φ20mm; 25-Φ25mm; 32-Φ32mm
- 50: 行程 / Stroke — 0~100mm

规格/Specifcation

内径/Bore(mm)		6	10	15	20	25	32
工作介质/Working Medium		空气/Air					
动作型式/Motion Pattern		复动型/Double action					
保证耐压力/Ensured Pressure Resistance		1.05Mpa(10.7kgf/cm²)					
最高使用压力/Max.pressure		0.7Mpa(7.1kgf/cm²)					
最低使用压力/Min.pressure		0.15Mpa(1.5kgf/cm²)	0.1Mpa(1.0kgf/cm²)		0.05Mpa(0.51kgf/cm²)		
使用温度范围℃/Operating Temperature Range		5~+60℃					
缓冲/Buffering		两端橡胶缓冲/Both ends buffer					
结构/Structare		双气缸(两倍出力)/Double Power					
行程调较范围/Stroke Adjustable Range		缩回行程/(Return Stroke)0~5mm					
轴承/Bearing		滑动轴承/滚珠导向轴承 Slide Bearing/Ball Guide Bearing					
活塞杆不转动精度 Precision of Piston rod Non-rotating	滑动轴承/Slide Bearing	±0.1	±0.15	±0.13	±0.11	±0.1	±0.08
	滚珠导向轴承/Ball Guide Bearing	±0.1	±0.1	±0.07	±0.06	±0.05	±0.04
接管口径/Port size		M5×0.8					G1/8"

外形尺寸/Overall Dimension

ϕ6 CXS 系列 /Series

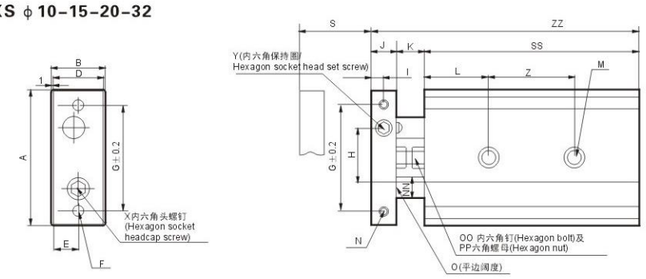


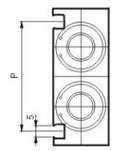
尺寸表/Dimension Sheet

型号/Model	行程/Stroke	10+1/2行程/Stroke	13+行程/Stroke	45+行程/Stroke	58.5+行程/Stroke
CXS□6-10	10	15	23	55	68.5
CXS□6-20	20	20	33	65	78.5
CXS□6-30	30	25	43	75	88.5
CXS□6-40	40	30	53	85	95.5
CXS□6-50	50	35	63	95	108.5

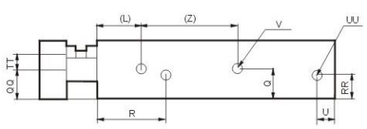
外形尺寸/Overall Dimension

CXS ϕ10-15-20-32

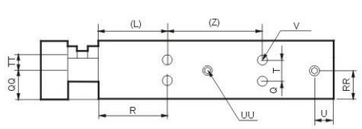


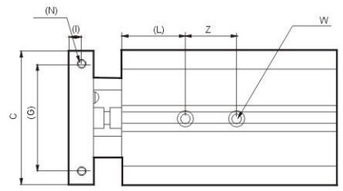


CXS ϕ10-15



CXS ϕ20-32





尺寸表/Dimension Sheet

型号/Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	NN	O	OO	P
CXS□10-10 /20/30/40/50	46	17	44	15	7.5	2-M4×0.7	35	20	4	8	9	20	2-Φ3.4通孔/through 2-Φ6.5凹坑深度/ Counterbore depth3.3	2-M3×0.5螺纹深度/ thread depth 5	Φ6	5	M4×0.7×14.5L	33.6
CXS□15-10 /20/30/40/50	58	20	56	18	9	2-M5×0.8	45	25	5	10	9	30	2-Φ4.3通孔/through 2-Φ8凹坑深度/ Counterbore depth4.4	2-M4×0.7螺纹深度/ thread depth 6	Φ8	6	M4×0.7×14.5L	48
CXS□20-10/20/ 30/40/50/75/100	64	25	62	23	11.5	2-M5×0.8	50	28	6	12	12	30	2-Φ5.5通孔/through 2-Φ9.5凹坑深度/ Counterbore depth5.3	2-M4×0.7螺纹深度/ thread depth 6	Φ10	8	M6×1.0×18.5L	53
CXS□25-10/20/ 30/40/50/75/100	80	30	78	28	14	2-M6×1.0	60	35	6	12	12	30	2-Φ6.9通孔/through 2-Φ11凹坑深度/ Counterbore depth6.3	2-M5×0.8螺纹深度/ thread depth 7.5	Φ12	10	M6×1.0×18.5L	64
CXS□32-10/20/ 30/40/50/75/100	98	38	96	36	18	2-M6×1.0	75	44	8	16	14	30	2-Φ6.9通孔/through 2-Φ11凹坑深度/ Counterbore depth6.3	2-M5×0.8螺纹深度/ thread depth 8	Φ16	13	M8×12.5×23L	76

型号/Model	PP	Q	QQ	R	RR	T	TT	U	UU	V	W	X	Y
CXS□10-10 /20/30/40/50	M4×0.7	8.5	7	30	7	-	5	8	4-M5×0.8螺纹深度/ thread depth 4.5	4-M3×0.5螺纹深度/ thread depth 4.5	2-M4×0.7螺纹深度/ thread depth 7	M3×0.5×10L	M3×0.5×5L
CXS□15-10 /20/30/40/50	M4×0.7	10	10	38.5	10	-	5	8	4-M5×0.8螺纹深度/ thread depth 4.5	4-M4×0.7螺纹深度/ thread depth 5	2-M5×0.8螺纹深度/ thread depth 8	M5×0.8×10L	M4×0.7×4L
CXS□20-10/20/ 30/40/50/75/100	M6×1.0	7.75	12.5	45	7.75	9.5	6.5	8	4-M5×0.8螺纹深度/ thread depth 4.5	8-M4×0.7螺纹深度/ thread depth 6	2-M6×1.0螺纹深度/ thread depth 10	M6×1.0×12L	M5×0.8×5L
CXS□25-10/20/ 30/40/50/75/100	M6×1.0	8.5	15	46	15	13	9	9	4-1/8螺纹深度/ thread depth 6.5	8-M5×0.8螺纹深度/ thread depth 7.5	2-M8×1.25螺纹深度/ thread depth 12	M6×1.0×14L	M6×1.0×5L
CXS□32-10/20/ 30/40/50/75/100	M8×1.25	9	19	56	19	20	11.5	10	4-1/8螺纹深度/ thread depth 6.5	8-M5×0.8螺纹深度/ thread depth 7.5	2-M8×1.25螺纹深度/ thread depth 12	M8×1.25×16L	M8×1.25×8L

型号/Model	S	SS	Z	ZZ	型号/Model	S	SS	Z	ZZ	型号/Model	S	SS	Z	ZZ	型号/Model	S	SS	Z	ZZ	型号/Model	S	SS	Z	ZZ
CXS□10-10	10	65	30	82	CXS□15-10	10	70	25	89	CXS□20-10	10	80	30	104	CXS□25-10	10	82	30	106	CXS□32-10	10	92	40	122
CXS□10-20	20	75		92	CXS□15-20	20	80		99	CXS□20-20	20	90		114	CXS□25-20	20	95		116	CXS□32-20	20	102		132
CXS□10-30	30	85	40	102	CXS□15-30	30	90	35	109	CXS□20-30	30	100	40	124	CXS□25-30	30	102	40	126	CXS□32-30	30	112	50	142
CXS□10-40	40	95		112	CXS□15-40	40	100		119	CXS□20-40	40	110		134	CXS□25-40	40	112		136	CXS□32-40	40	122		152
CXS□10-50	50	105		122	CXS□15-50	50	110		129	CXS□20-50	50	120		144	CXS□25-50	50	122		146	CXS□32-50	50	132		162
										CXS□20-75	75	145	60	169	CXS□25-75	75	147	60	171	CXS□32-75	75	157	70	187
										CXS□20-100	100	170		194	CXS□25-100	100	172		196	CXS□32-100	100	182		212

订购码/Ordering Code

CU – □ – 10 – 30 – □

系列代号 Series Code
CU:基本型
CDU:内置磁环型
Series Code
CU:Normal Type
CDU:Attach magnet Type

种类 Kinds
空白:基本型
K:不旋转活塞杆
Kinds
Blank:Normal Type
K:Non-Rotating piston rod Type

缸径 Cylinder Bore
6-Φ6mm
10-Φ10mm
16-Φ16mm
20-Φ20mm
25-Φ25mm
32-Φ32mm

行程 Stroke
0~50mm

动作 Action
D:双动
S:单动(弹簧压回)
T:单动(弹簧压出)
Action
D:Double action
S:Single Action Spring Drawing-in Type
T:Single Action Spring Extusion Type

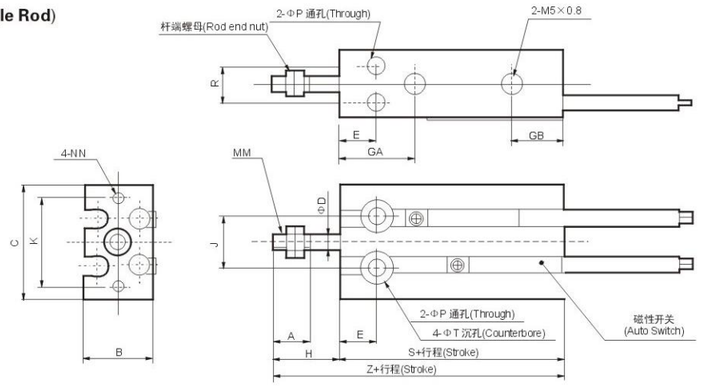
规格/Specifcation

内径/Bore(mm)	6	10	16	20	25	32
工作介质/Working Medium	空气/Air					
动作型式/Motion Pattern	双动/单动:弹簧压回/弹簧压出 Double action/Single Action Extrusion type/Single Action Drawing-in Type					
保证耐压力/Ensured Pressure Resistance	1.0Mpa(10.5kgf/cm²)					
最高使用压力/Max. Working-pressure	0.7Mpa(7.1kgf/cm²)					
环境和流体温度/Ambient and Medium Temperature	5~+60℃					
缓冲/Cushion	两端橡胶缓冲/Both ends buffer					
行程公差/Margin of Stroke Error(mm)	$^{+1.0}_{0}$					
活塞杆不转动精度/Precision of Piston rod with Non-rotating	±0.8°			±0.5°		
接管口径/Port Size	M5×0.8					G1/8"

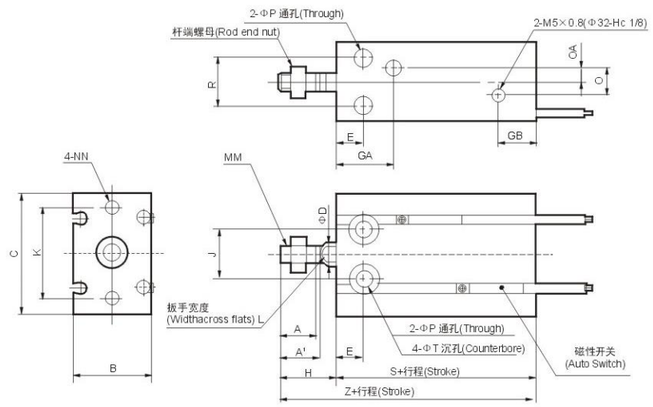
外形尺寸/Overall Dimension

双作用，单杆(Double Acting，Single Rod)

CU ϕ6~ϕ10



CU ϕ16~ϕ32



尺寸表/Dimension Sheet

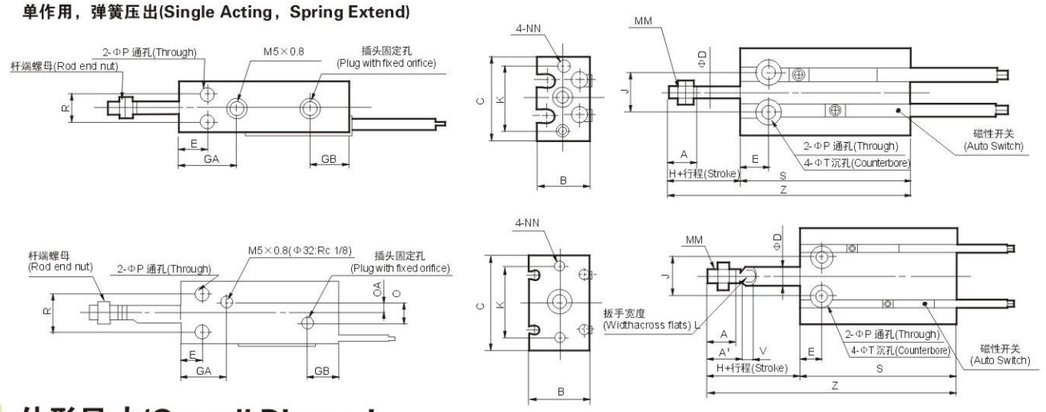
缸径/Bore size(mm)	A	A'	B	C	D	E	GA	GB	H	K	J	L	MM
6	7	-	13	22	3	7	15	10	13	17	10	-	M3×0.5
10	10	-	15	24	4	7	16.5	10	16	18	11	-	M4×0.7
16	11	12.5	20	32	6	7	16.5Note)	11.5	16	25	14	5	M5×0.8
20	12	14	26	40	8	9	19	12.5	19	30	16	6	M6×1.0
25	15.5	18	32	50	10	10	21.5	13	23	38	20	8	M8×1.25
32	19.5	22	40	62	12	11	23	12.5	27	48	24	10	M10×1.25

缸径/Bore size (mm)	NN	P	Q	QA	R	T	不带磁性开关(Without Auto Switch)		带磁性开关(With Auto Switch)	
							S	Z	S	Z
6	M3×0.5 深(depth) 5	3.2	-	-	7	6 深(depth) 4.8	33	46	33	46
10	M3×0.5 深(depth) 5	3.2	-	-	9	6 深(depth) 5	36	52	36	52
16	M4×0.7 深(depth) 6	4.5	4	2	12	7.6 深(depth) 6.5	30	46	40	56
20	M5×0.8 深(depth) 8	5.5	9	4.5	16	9.3 深(depth) 8	36	55	46	65
25	M5×0.8 深(depth) 8	5.5	9	4.5	20	9.3 深(depth) 9	40	63	50	73
32	M6×1.0 深(depth) 9	6.6	13.5	4.5	24	11 深(depth) 11.5	42	69	52	79

注)5 行程(CU16-5D):14.5mm
Note)5 Stroke(CU16-5D):14.5mm

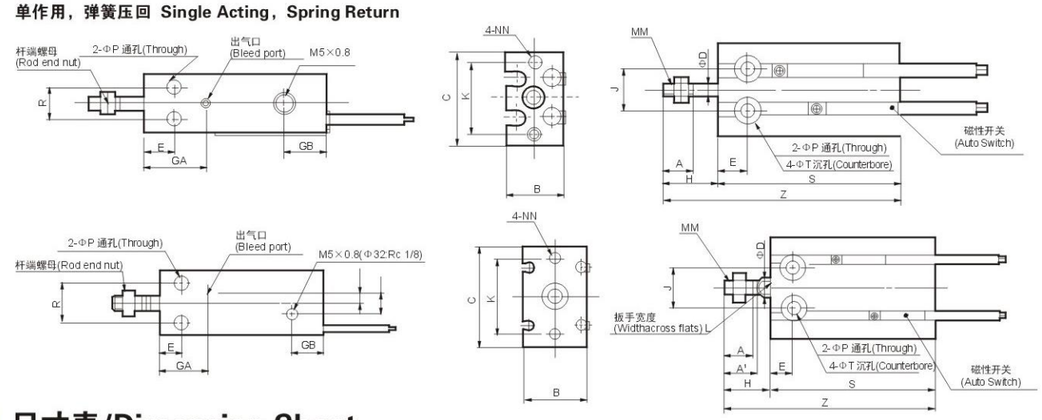
外形尺寸/Overall Dimension

单作用，弹簧压出(Single Acting，Spring Extend)



外形尺寸/Overall Dimension

单作用，弹簧压回 Single Acting，Spring Return



尺寸表/Dimension Sheet

缸径/Bore size(mm)	A	A'	B	C	D	E	GA	GB	H	K	J	L	MM	NN	P
6	7	-	13	22	3	7	15	10	13	17	10	-	M3×0.5	M3×0.5 深(depth) 5	3.2
10	10	-	15	24	4	7	16.5	10	16	18	11	-	M4×0.7	M3×0.5 深(depth) 5	3.2
16	11	12.5	20	32	6	7	16.5	11.5	16	25	14	5	M5×0.8	M4×0.7 深(depth) 6	4.5
20	12	14	26	40	8	9	19	12.5	19	30	16	6	M6×1.0	M5×0.8 深(depth) 8	5.5
25	15.5	18	32	50	10	10	21.5	13	23	38	20	8	M8×1.25	M5×0.8 深(depth) 8	5.5
32	19.5	22	40	62	12	11	23	12.5	27	48	24	10	M10×1.25	M6×1.0 深(depth) 9	6.6

缸径/Bore size (mm)	Q	QA	R	T	V(Note)	不带磁性开关(Without Auto Switch)						带磁性开关(With Auto Switch)					
						S			Z			S			Z		
						5st	10st	15st	5st	10st	15st	5st	10st	15st	5st	10st	15st
6	-	-	7	6 深(depth) 4.8	-	38	43	48	56	66	76	38	43	48	56	66	76
10	-	-	9	6 深(depth) 5	-	41	46	56	62	72	87	41	46	56	62	72	87
16	4	2	12	7.6 深(depth) 6.5	3.5	45	50	60	66	76	91	45	50	60	66	76	91
20	9	4.5	16	9.3 深(depth) 8	5	41	46	56	65	75	90	51	56	66	75	85	100
25	9	4.5	20	9.3 深(depth) 9	5	45	50	60	73	83	98	55	60	70	83	93	108
32	13.5	4.5	24	11 深(depth) 11.5	5	47	52	62	79	89	104	57	62	72	89	99	114

注)“V”仅适用单作用，弹簧压出　　Note)“V” Only for Single Acting,Spring Extend

MSQB 20-A

MSQB 30-A

订购码/Ordering Code

MSQ – B × 10 – A – S

- MSQ: 系列代号 Series Code
- B: 基本型 Basic Type
- 10: 大小代号 Size Code 10~200mm
- A: A:带调角度螺栓 R:带油压吸震器 A:With Adjustable Angle Screw R:With Shock Absorber
- S: 全部带磁型 Always with magnet

规格/Specifcation

内径/Bore(mm)		10	20	30	50	70	100	200
使用流体/Fluid		空气(不给油)Air(non-lube)						
最高使用压力/Max.pressure	带调角度螺栓/With adjustment bole	1Mpa(10.2kgf/cm²)						
	带油压吸震器/R:With Shock Absorber	0.6 MPa (6.1kgf/cm²)注/Note						
最低使用压力/Min.pressure	基本型/Basic type	0.1 Mpa(1.0kgf/cm²)						
	高精度型/High precision type	0.2 Mpa		0.1 Mpa		-		
环境和流体温度/Ambient and fluid temperature		0~60℃(但未冻结No freezing)						
缓冲/Cushion	带调角度螺栓/With adjustment bole	橡胶缓冲/Rubber bumper						
	带油压吸震器/R:With Shock Absorber	缓冲器/Shock absorber						
角度调整范围/Angle adjustment range		0~190℃						
最高旋转角度/Maximum rotation		190℃						
活塞直径/Piston bore		ϕ15	ϕ18	ϕ21	ϕ25	ϕ28	ϕ32	ϕ40
接管口径/Port size	底孔/End ports	M5×0.8		RC1/8"				
	侧孔/Side ports	M5×0.8						

■ 注:最大使用压力是受最大允许负重限制的。
Note:The maximum operating pressure of the actuator is restricted by the maximun allowable thrust of the shock absorber.

Allowable Kinectic Energy and Rotation Time Adjustment Range

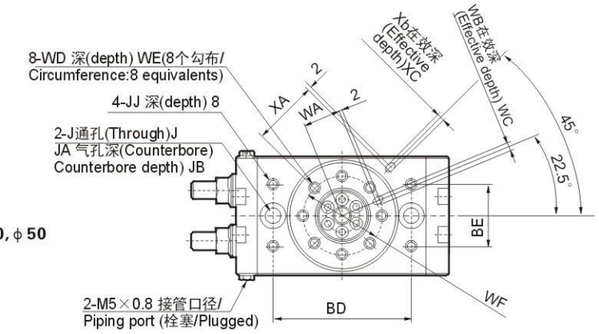
Size	Allowable kinectic energy(mJ)		Rotation time adjiustment range for stable operation (s/90°)	
	With adjustment bolt	With internal shock absotber	With adjustment bolt	With internal shock absotber(Note)
10mm	7	39	0.2 to 1.0	0.2 to 0.7
20mm	25	116		
30mm	48	116		
50mm	81	294		
70mm	240	1100	0.2 to 1.5	0.2 to 1.0
100mm	320	1600	0.2 to 2.0	
200mm	560	2900	0.2 to 2.5	

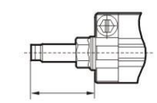
■ Note:Be careful if a type with internal absorber is used below the minimum speed,the energy absorption ability will decrease drastiacally.

外形尺寸/Overall Dimension

基本型 Basic style:MAQB□A

ϕ10, ϕ20, ϕ30, ϕ50

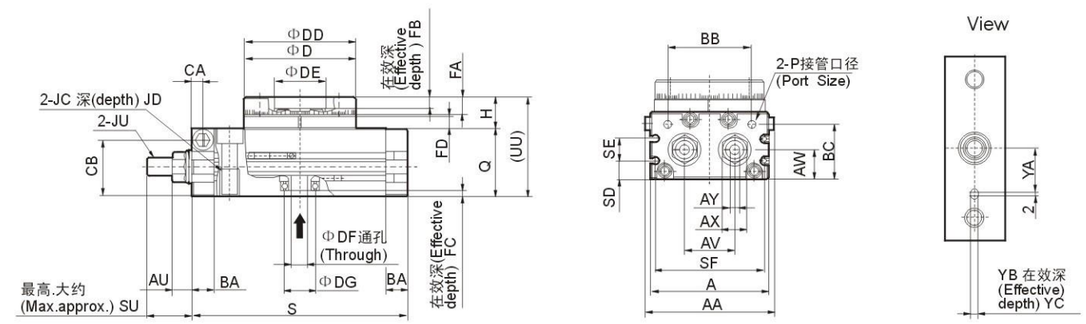




最高.大约
(Max.approx.) FU

缸径(mm) Bore size	FU
10	31.5
20	34.7
30	34.7
50	51.7

带内置缓冲器/With internal shock absorber MAQB□R



尺寸表/Dimension Sheet

缸径(mm) Bore size	AA	A	AU	AV	AW	AX	AY	BA	BB	BC	BD	BE	CA	CB	D	DD	DE	DF
10	55.4	50	8.6	20	15.5	12	4	9.5	34.5	27.8	60	27	4.5	28.5	46h9	46h9	20H9	5
20	70.8	65	10.6	27.5	16	14	5	12	46	30	67	34	6	30.5	60h9	61h9	28H9	9
30	75.4	70	10.6	29	18.5	14	5	12	50	32	84	37	6.5	33.5	65h9	67h9	32H9	9
50	85.4	80	14	38	22	19	6	15.5	63	37.5	100	50	10	37.5	75h9	77h9	35H9	10

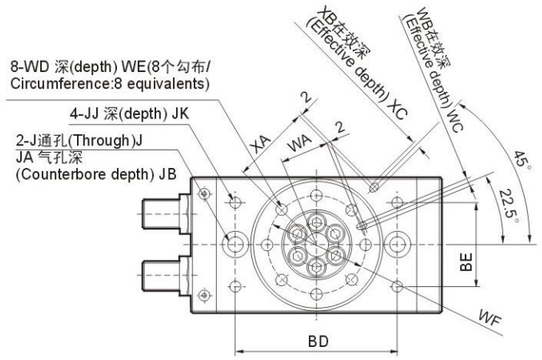
缸径(mm) Bore size	DG	FA	FB	FC	FD	H	J	JA	JB	JC	JD	JJ	JU	P
10	15H9	8	4	3	4.5	13	6.8	11	6.6	M8×1.25	12	M5×0.8	M8×1	M5×0.8
20	17H9	10	6	2.5	6.5	17	8.6	14	8.5	M10×1.5	15	M6×1	M10×1	M5×0.8
30	22H9	10	4.5	3	6.5	17	8.6	14	8.5	M10×1.5	15	M6×1	M10×1	Rc 1/8
50	26H9	12	5	3	7.5	20	10.5	18	10.5	M12×1.75	18	M8×1.25	M14×1.5	Rc 1/8

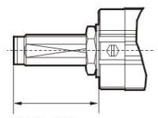
缸径(mm) Bore size	Q	S	SD	SE	SF	SU	UU	WA	WB	WC	WD	WE	WF	XA	XB	XC	YA	YB	YC
10	34	92	9	13	45	17.7	47	15	3H9	3.5	M5×0.8	8	32	27	3H9	3.5	19	3H9	3.5
20	37	117	10	12	60	25	54	20.5	4H9	4.5	M6×1	10	43	36	4H9	4.5	24	4H9	4.5
30	40	127	11.5	14	65	25	57	23	4H9	4.5	M6×1	10	48	39	4H9	4.5	28	4H9	4.5
50	46	152	14.5	15	75	31.4	66	26.5	5H9	5.5	M8×1.25	12	55	45	5H9	5.5	33	5H9	5.5

外形尺寸/Overall Dimension

基本型 Basic style:MAQB□A

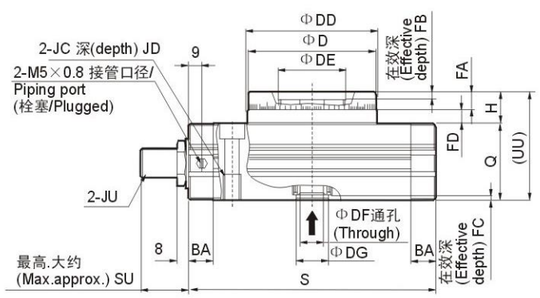
ϕ70, ϕ100, ϕ200

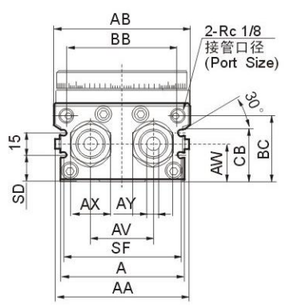


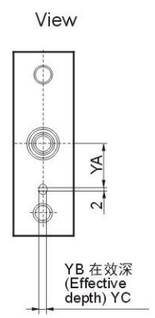


缸径(mm) Bore size	FU
70	55.4
100	55.5
200	74.7

带缓冲器/With shock absorber MAQB□R







尺寸表/Dimension Sheet

缸径(mm) Bore size	AA	AB	A	AV	AW	AX	AY	BA	BB	BC	BD	BE	CB	D	DD	DE
70	90	92	84	42	25.5	27	8	17	75	44.5	110	57	36	88h9	90h9	46H9
100	101	102	95	50	29.5	27	8	17	85	50.5	130	66	42	98h9	100h9	56H9
200	119	120	113	60	36.5	36	10	24	103	65.5	150	80	57	116h9	118h9	64H9

缸径(mm) Bore size	DF	DG	FA	FB	FC	FD	H	J	JA	JB	JC	JD	JJ	JK	JU
70	16	22H9	12.5	5	3.5	6	22	10.4	17.5	10.5	M12×1.75	18	M8×1.25	10	M20×1.5
100	19	24H9	14.5	6	3.5	12	27	10.4	17.5	10.5	M12×1.75	18	M8×1.25	10	M20×1.5
200	24	32H9	16.5	9	5.5	15	32	14.2	20	12.5	M16×2	25	M12×1.75	13	M27×1.5

缸径(mm) Bore size	Q	S	SD	SF	SU	UU	WA	WB	WC	WD	WE	WF	XA	XB	XC	YA	YB	YC
70	53	170	18	79	34.2	75	32.5	5H9	5.5	M8×1.25	12.5	67	54	5H9	3.5	39	5H9	3.5
100	59	189	22	90	34.3	86	37.5	6H9	6.5	M10×1.55	14.5	77	59	6H9	4.5	49	6H9	4.5
200	74	240	29	108	40.2	106	44	8H9	8.5	M12×1.75	16.5	90	69	8H9	4.5	54	8H9	6.5

DHZ2/DHC2 系列气动手指/DHZ2/DHC2 Series Style Pneumatic Gripper

订购码/Ordering Code

DHZ – 2 × 32 – D – □

型号
DHZ:平行开关型
DHC:支点开关型
Model
DHZ:DHZ Parrallel Type Gripper
DHC:DHC Point Type Gripper

手指数量
Finger Quantity
2个/PCS

缸径
Bore
6-40mm

动作形式
D:复动
S:单动(常开)
C:单动(常闭)
Acting Type
D:Double-acting
S:Single-acting(Normally open)
C:Single-acting(Normally closed)

防光胶套材料
空白:氯丁橡胶(CR)
F:氟化橡胶(FKM)
S:硅胶(Si)
Dusty Seal Material
Blank:CR
F:FKM
S:Si

规格/Specifcation

内径/Bore(mm)		6	10	16	20	25	32	40
流体/Fluid		空气/Air						
动作型式/Motion Pattern		双动,单动:常开/常闭/Double-acting,single acting(Normally open/Normally closed)						
最高使用压力/Max.pressure MPa		0.7MPa						
最高使用压力 /Max.pressure Mpa	双动(Double Acting)	0.15	0.2	0.1				
	单动(Single Acting)	0.3	0.35	0.25				
环境和流体温度/Ambient and fluid temperature		-10~60℃						
最高操作频率/Max.operating frequency		180 c.p.m					60 c.p.m	
重复精度/Repeatability Precision(mm)		±0.01					±0.02	
*润滑/Lubrication		不需要/Not required						
接管口径/Port Size		M3×0.5		M3×0.8				

DHL2 系列阀行气动手指/DHL2 Series Parallel style wide Opening Air Gripper

订购码/Ordering Code

DHL – 2 × 16 – D □ – S

型号
DHL:平行开闭式
Model
DHL:DHL wide Opening Air Gripper

手指数量
Finger Quantity
2个/2PCS

缸径
Bore
10-40mm

动作形式
Action
D:复动
D:Double-Acting

手指开/关行程
Finger Open/Close Stroke

缸径 Bore	Φ10	Φ16	Φ20	Φ25	Φ32	Φ40
空白/Blank	20	30	40	50	70	100
1	40	60	80	100	120	160
2	60	80	100	120	160	200

总是附磁
Always with magnet

规格/Specifcation

内径/Bore(mm)	10	16	20	25	32	40
流体/Fluid	空气/Air					
动作型式/Motion Pattern	双动/Double-Acting					
最高使用压力/Max.pressure Mpa(kgf/cm^2)	0.6(6.1)					
最低使用压力/Max.pressure Mpa(kgf/cm^2)	0.15(1.5)	0.1(1.0)				
环境和流体温度/Ambient and fluid temperature	-10~60℃					
重复精度/Repeatability Precision(mm)	±0.1mm					
保持力/Effective gripping force (N) at 0.5 Mpa	14	45	74	131	228	396
接管口径/Port Size	M5×0.8				G1/8"	

DHT2 系列杠杆式气动手指/DHT2 Series Angle Style Air Gripper Toggle Type

订购码/Ordering Code

DHT – 2 × 32 – D – S

- 型号 Model: DHT:杠杆式气动手指 / DHT:DHT ToggleType Air Gripper
- 手指数量 Finger Quantity: 2个/PCS
- 缸径 Cylinder Diameter: 32-63mm
- 动作形式 Action: D:复动 / D:Double-Acting
- 总是附磁 Always with magnet

规格/Specifcation

型号/Model	MHT2-32D	MHT2-40D	MHT2-50D	MHT2-63D
缸径/Bore size	32	40	50	63
动作形式/Motion Pattern	双动/Double acting			
体流/Fluid	空气/Air			
使用压力范围/Operating Voltage Range	0.1~0.6 MPa			
环境和流体温度/Ambient and fluid temperature	5~60℃			
润滑/Lubrication	不需要/Not required			
手指开闭角度/Finger opening angle (Total)	-3°~28°	-3°~27°	-2°~23°	-2°~23°
重量/Weight (kg)	0.80	1.09	1.93	2.8
保持力(N.m)/Mffective gripping force (N.m) at 0.5 Mpa	12.4	36.0	63.0	106

CY1 系列无杆气缸/CY1 Series Rodless Cylinder

订购码/Ordering Code

CY1 – B – 25 × 50 – B

- 系列代号 Series Code: 无杆气缸 Rodless Cylinder
- 型号 Model: B:基本型 Normal Type; S:滑尺型 Sliding Type; L:滚珠导向轴承 Sliding Type Ball guide bearing Type; R:磁藕式 Magnetically Coupled-Direct Mout type; RG:单边接管 Magnetically Coupled-Direct mout-Single Joint Type
- 缸径 Cylinder Bore: 6-Φ6mm, 10-Φ10mm, 15-Φ15mm, 20-Φ20mm, 25-Φ25mm, 32-Φ32mm, 40-Φ40mm, 50-Φ50mm, 63-Φ63mm
- 行程 Stroke: 0~1000mm
- 磁石代号 Magnet Code: 空白:不附磁 Blank:Without magne; S:附磁 S:Attach magnet

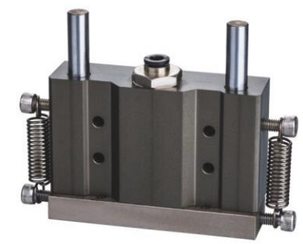
规格/Specifcation

内径/Bore(mm)	6	10	15	20	25	32	40	50	63
工作介质/Working Medium	空气/Air								
动作型式/Motion Pattern	复动型/Double action								
保证耐压力/Ensured Pressure Resistance	10.5kgf/cm²(1.05Mpa)								
最高使用压力/Max.pressure	7.1kgf/cm²(0.7Mpa)								
最低使用压力/Min.pressure	1.8kgf/cm²(0.18Mpa)								
环境和流体温度/Ambient and fluid temperature	Cy1 B/S:5~+60℃ Cy1 L:-10~+60℃ Cy1 R:-10~+60℃								
活塞速度/Piston Speed	Cy1 B/S:50~400mm/s Cy1 L:50~1000mm/s Cy1 R:50~500mm/s								
缓冲/Buffering	Cy1 B/S:橡胶缓冲/Both ends buffer Cy1 L:两端橡胶缓冲/油压吸震器 Skock absorber/Rubber bumper								
行程公差/Margin of Stroke Error(mm)	~0~250$^{+1.0}_{0}$ 251~1000$^{+1.4}_{0}$ 1001~1500$^{+1.8}_{0}$								
**润滑/Lubrication	不需要/Not required								
接管口径/Port size	M5×0.8			G1/8"			G1/4"		

DLF– 20 × 160–S

DSG– 50 × 29

DLB– 40 × 80–S(不旋转气缸)



专用气缸

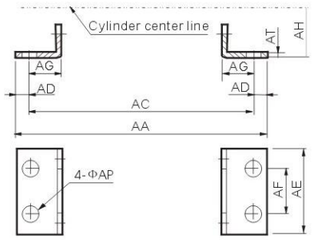
DLG– 32 × 20–T

专用气缸

产品说明 Product instruction

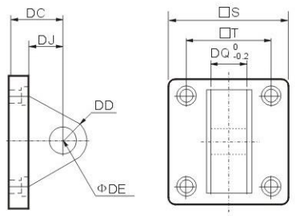
公司设有研发部，凭借雄厚的科技实力与丰富的专业经验，可以自主设计，开发，生产各类气缸，我们可以根据客户的图片，来帮客户设计，开发新产品．所有产品都做到精益求精．如果你有新产品要开发，请不要犹豫联系我们，我们将会尽我们全力帮你来完成．

Our company has R&D department,can research,develop and produce all kinds of cylinders with advanced technology and sufficient professional experience. We can research and develop new products according to customer's drawing, and strive all products for excellence. If you have new product to develop,pls don't hesitate to contact us, we will try our best to help you.



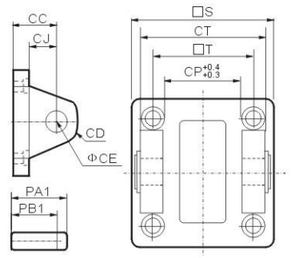
ISO-LB型(Type) 支架(Foot Bracket)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
AA	158	179	190	209	248	266	290	340	380
AC	142	161	170	185	210	228	250	300	320
AD	8	9	10	12	19	19	20	20	30
AE	47	53	65	75	95	115	140	180	220
AF	32	36	45	50	63	75	90	115	135
AG	24	28	32	32	41	45	45	60	70
AH	32	36	45	50	63	71	90	115	135
AP	7	9	9	9	12	14.5	16.5	18.5	24
AT	3	3	3	3	4	4	6	6	9



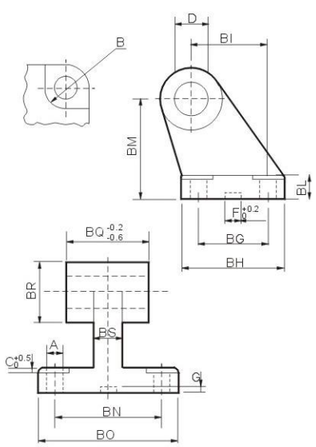
ISO-CA型(Type) 单耳(Single Earring)

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



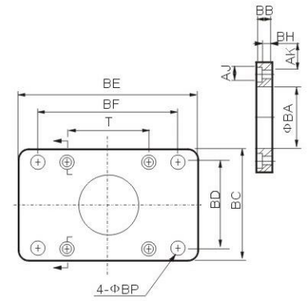
ISO-CB型(Type) 双耳(Double Earring)

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



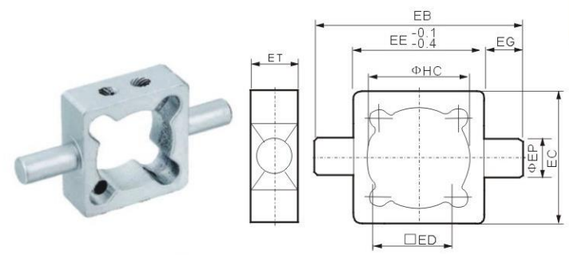
ISO-SDB 型(Type)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125
A	6.6	6.6	9	9	11	11	14
B	11	11	15	15	18	18	20
BG	18	22	30	35	40	50	60
BH	31	35	45	50	60	70	90
BI	21	24	33	37	47	55	70
BL	8	10	10.5	12	14	17	20
BM	32	36	45	50	63	71	90
BN	38	41	50	52	66	76	94
BO	51	54	65	67	86	96	124
BS	12	15	18	22	20	20	30
BR	20	22	26	30	30	38	45
C	1.6	1.6	1.6	1.6	2.5	2.5	3.2
D	10	12	12	16	16	20	25
F	10.5	10.5	10.5	10.5	10.5	10.5	10.5
G	3	3	3	3	3	3	3
BQ	25	28	32	40	50	60	70



ISO-FA/FB型(Type) 法兰板(Flange)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
AJ	11	11	14	14	17	17	19	25	25
AK	7	7	9	9	11	11	13	17	17
BA	30.5	35.5	40.5	45.5	45.5	55.5	60.5	65.5	75.5
BB	10	10	12	12	16	16	20	20	25
BC	47	53	65	75	95	115	140	180	220
BD	32	36	45	50	63	75	90	115	135
BE	80	90	110	125	154	186	224	280	320
BF	64	72	90	100	126	150	180	230	270
BH	4	4	4	6	6	6	8	8	12
BP	7	9	9	9	12.5	14.5	16.5	18.5	24
T	32.5	38	46.5	56.5	72	89	110	140	175



ISO-TC 型(Type)中摆(Central Trunnion)

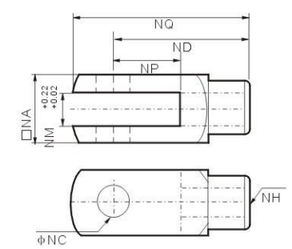
符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
EB	100	113	125	140	160	182	-	-	-
EC	52	63	74	80	105	128	-	-	-
ED	32.5	38	46.5	56.5	72	89	-	-	-
EE	52	63	75	90	105	128	-	-	-
EG	25	25	25	25	25	25	-	-	-
EP	12	16	16	20	20	25	-	-	-
ET	20	22	22	28	28	34	-	-	-
HC	37	45	55	68	87	107.5	-	-	-

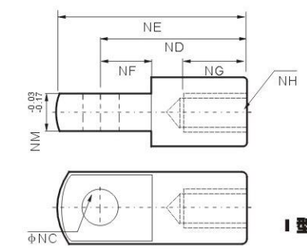
ISO-Y 型(Type) 接头(Joint)

ISO-Y+销子(Pin)

ISO-Y+卡扣(Clip)

Y 型Type

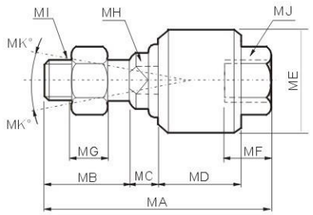




I 型Type

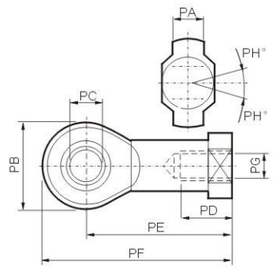
ISO-I 型(Type)接头(Joint)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
NA	19	25.4	32	32	44.4	44.4	55	70	70
NC	10	12	16	16	20	20	30	35	35
ND	40	48	64	64	80	80	110	144	144
NE	52	67	89	89	112	112	155	201	201
NF	15	24	32	32	40	40	50	50	55
NG	20	20	23	23	30	30	56	72	72
NH	M10×1.25	M12×1.25	M16×1.5	M16×1.5	M20×1.5	M20×1.5	M27×2.0	M36×2.0	M36×2.0
NM	10	12	16	16	20	20	30	35	35
NP	20	24	32	32	40	40	54	72	72
NQ	52	62	83	83	105	105	148	191	191
PA	26.2	32.8	39.3	39.3	53.3	53.3	64	80	80
PB	20	26.5	33	33	45	45	55.6	70.6	70.6



ISO-UJ 型(Type)
浮动接头(Float Joint)

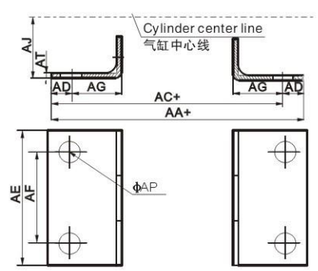
符号/缸径 Symbol/Bore	MA	MB	MC	MD	ME	MF	MG	MH	MI	MK
32	58	22	7	21	26	11.5	7	10	M10×1.25	12
40	58	22	8	21	28	11.5	8	12	M12×1.25	12
50	90	27	10	41	44.5	20	10	17	M16×1.5	7
63	90	27	10	41	44.5	20	10	17	M16×1.5	7
80	102	29	13	46	53	24	13	22	M20×1.5	10
100	102	29	13	46	53	24	13	22	M20×1.5	10
125	147	54	13	64	62	39	14	30	M27×2.0	9
160	251	72	22	115	80	80	18	36	M36×2.0	4
200	251	72	22	115	80	80	18	36	M36×2.0	4



ISO-PHS 型(Type)
鱼眼接头(Fisheye Joint)

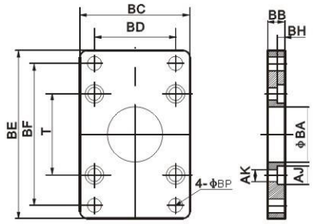
符号/缸径 Symbol/Bore	PA	PB	PC	PD	PE	PF	PG	PH
32	11	26	10	21	43	56	M10×1.25	13
40	12	30	12	24	50	65	M12×1.25	13
50	15	38	16	33	64	83	M16×1.5	15
63	15	38	16	33	64	83	M16×1.5	15
80	18	46	20	40	77	100	M20×1.5	15
100	18	46	20	40	77	100	M20×1.5	15
125	37	70	30	51	110	145	M27×2.0	15
160	43	80	35	56	125	165	M36×2.0	16
200	43	80	35	56	125	165	M36×2.0	16

标准气缸安装附件/Standard Cylinder Accessories



LB型(Type)
支架(Foot Bracket)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
AA	153	169	173	184	199	210	249	328	380
AC	134	140	149	158	167	174	213	288	320
AD	9.5	14.5	12	13	16	18	18	20	30
AE	50	57	68	80	97	112	140	180	220
AF	33	36	47	56	70	84	90	115	135
AG	20.5	23.5	28	31	30	30	45	60	70
AJ	28	30	36.5	41	49	57	90	115	135
AP	9	12	12	12	14	14	16	18	22
AT	3	3	3	3	4	4	8	8	10

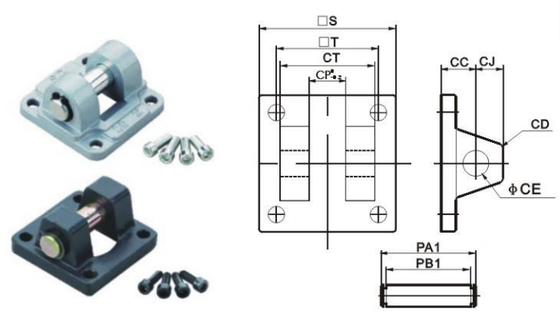


FA/FB型(Type)
法兰板(Flange)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
BA	28.3	32.3	38.3	38.3	47.3	47.3	56	63	81
BB	10	10	10	12	16	16	20	25	25
BC	47	52	65	76	95	115	140	180	220
BD	33	36	47	56	70	84	90	115	135
BE	72	84	104	116	143	162	224	280	320
BF	58	70	86	98	119	138	180	230	270
BH	6.5	6.5	6.5	8.5	10.5	10.5	15	20	20
AJ	10.5	10.5	13.5	13.5	5	5	19	25	25
AK	6.5	6.5	6.5	8.5	10.5	10.5	12.5	16.5	16.5
BP	7	7	9	9	11	11	16	18	22
T	33	37	47	56	70	84	110	140	175

CA型(Type) 单耳(Single Earring)

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

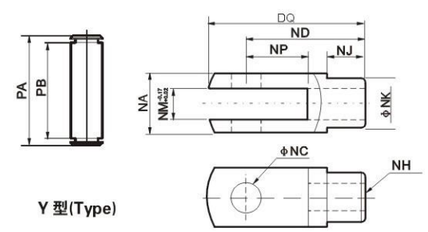


CB型(Type) 单耳(Double Earring)

符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
CC	19	19	19	19	32	32	50	55	60
CD	5	5	3	2	8	8	25	30	30
CE	12	14	14	14	20	20	25	30	30
CJ	13	13	15	15	21	21	25	30	30
CP	16	20.5	20.3	20.3	32.3	32.3	70	90	90
CT	32	44	52	52	64	64	120	160	160
PAI	41	51.8	60.3	60.3	73.8	73.8	130	170	170
PBI	33.5	45.8	54	54	65.5	65.5	121.5	161.5	161.5
S	48	50	62	75	94	94	140	180	220
T	33	37	47	56	70	70	110	140	175

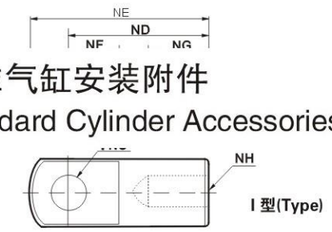
■ 从缸径 32-100的CA和CB，我们可以提供2种不同材质的产品，1.铁 2.铝，请在下订单时标明材质，从125-200 全部为铁。
CA and CB From 32-100,we can supply two kinds of materials products:1.Iron material 2. Aluminium material.When placing order, please indicate product material. From 125-200 are all iron material.

Y型接头(Type Joint)



Y 型(Type)

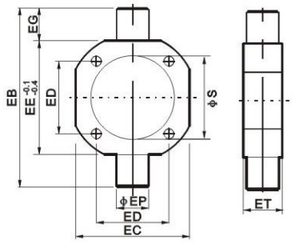
标准气缸安装附件
Standard Cylinder Accessories



I 型(Type)

I型接头(Type Joint)

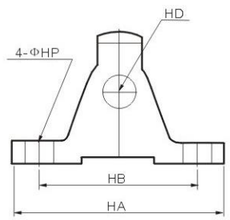
符号/缸径 Symbol/Bore	32	40	50	63	80	100	125	160	200
NA	19	25.4	32	32	44.4	44.4	55	80	80
NB	20	24	32	32	40	40	45	54	54
NC	10	12	16	16	20	20	25	30	30
ND	40	48	64	64	80	80	110	120	120
NE	52	67	89	89	112	112	155	130	130
NF	15	24	32	32	40	40	40	35	35
NG	20	20	23	23	30	30	56	50	50
NH	M10×1.25	M12×1.25	M16×1.5	M16×1.5	M20×1.5	M20×1.5	M27×2	M36×2	M36×2
NJ	12	20	22	22	30	30	30	40	40
NK	18	23	30	30	39	39	54	54	54
NM	10	12	16	16	20	20	48	40	40
MP	20	24	32	32	40	40	64	35	35
NQ	52	62	83	83	105	105	148	150	150
PA	25	32.8	39.3	39.3	53.3	53.3	64	91	91
PB	19.5	26.5	33	33	45	45	55	81	81

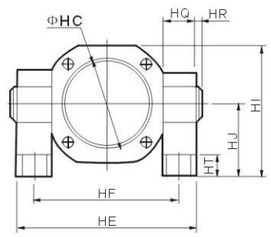


TC型(Type)
中摆(Central Trunnion)

符号/缸径 Symbol/Bore	40	50	63	80	100	125	160	200
EB	113	126	138	164	182	210	264	336
EC	63	76	88	114	132	160	200	240
ED	37	47	56	70	84	110	140	175
EE	63	76	88	114	132	160	200	240
EG	25	25	25	25	25	25	32	48
EP	25	25	25	25	25	25	32	37
ET	30	30	30	30	40	30	38	44
S	45.5	55.5	68.5	87.5	107.5	134.5	172.5	212.5

TC-M型(Type)

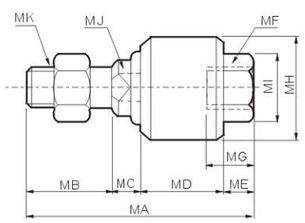




符号/缸径 Symbol/Bore	HA	HB	HC	HD	HE	HF	HI	HJ	HQ	HR	HT	HP
40	110	80	45.5	22	109	86	81.5	50	23	2	12	12
50	110	80	55.5	22	122	99	88	50	23	2	12	12
63	110	80	68.5	22	134	111	94	50	23	2	12	12
80	120	85	87.5	22	160	137	127	70	23	2	14	14
100	120	85	107.5	22	178	155	136	70	23	2	14	14

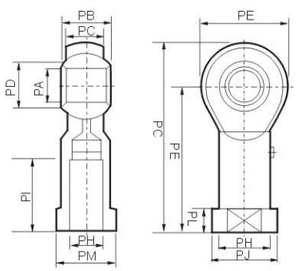
迷你气缸配件/Mini Cylinder Accessories

M-UJ型(Type)
浮动接头(Float Joint)



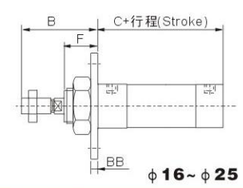
符号/缸径 Symbol/Bore	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK
20	51	20	6	17	8	M8×1.25	12	24	13	8	M8×1.25
25	58	22	7	21	8	M10×1.25	12	26	17	10	M10×1.25
32	58	22	7	21	8	M10×1.25	12	26	17	10	M10×1.25
40	58	22	8	21	7	M12×1.25	12	28	19	12	M12×1.25

M-PHS型(Type)
鱼眼接头(Fisheye Joint)

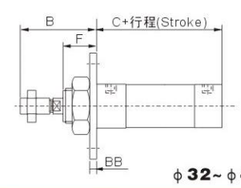


符号/缸径 Symbol/Bore	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM
20	8	12	9	10.4	22	36	47	M8×1.25	17	16	12.5	5	14
25	10	14	11	12.9	26	43	56	M10×1.25	21	19	15	6.5	17
32	10	14	11	12.9	26	43	56	M10×1.25	21	19	15	6.5	17
40	12	16	12	15.4	30	50	65	M12×1.25	24	22	17.5	6.5	19

M-FA 型(Type)
法兰板(Flange)



ϕ16~ϕ25



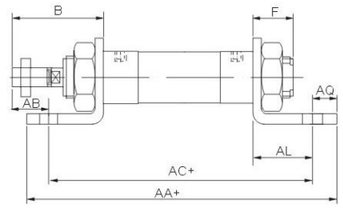
ϕ32~ϕ40

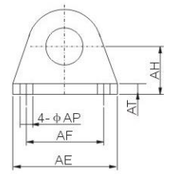
M-FA-A 型(Type)
法兰板(Flange)

符号/缸径 Symbol/Bore	B	C		C(MSA 系列/Series)		C(MSAL 系列/Series)		BB	BC	BD	BE	BF	BP	F
		MA系列(Series)	MAL系列(Series)	0-50	51-100	0-50	51-100							
16	38	60	-	60	85	-	-	3	26	-	52	40	5.5	16
20	40	76	70	76	101	70	95	4	38	-	64	50	6.5	12
25	44	76	70	76	101	70	95	4	38	-	64	50	6.5	14
32	44	76	70	76	101	70	95	4	47	33	72	58	6.5	14
40	46	76	92	76	101	92	117	4	50	36	84	70	6.5	14

■ 我公司还可提供此类用于迷你气缸法兰板，如果你需要此类产品，请在全部订购码后加上-A，如M-FA-32-A.
Our company can also provide this used for mini cylinder flange, if you need, pls add A after all ordering code, like M-FA-32-A

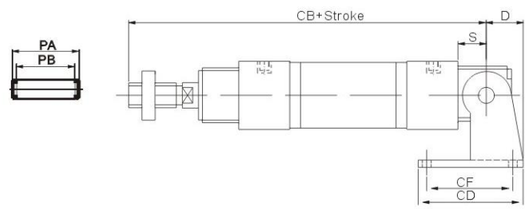
M-LB 型(Type) 支架(Bracket)

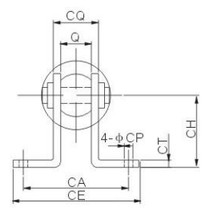




符号/缸径 Symbol/Bore	B	F	AA (MA 系列/Series)	AA (MAL系列/Series)	AA(MSA 系列/Series)		AA(MSAL 系列/Series)		AB	AC (MA 系列/Series)	AC (MAL系列/Series)	AC(MSA 系列/Series)		AC(MSAL 系列/Series)		AE	AF	AL	AQ	AP	AT	AH
					0-50	51-100	0-50	51-100				0-50	51-100	0-50	51-100							
16	38	16	98	-	98	123	-	-	25	86	-	86	111	-	-	44	32	13	6	5.5	3	20
20	40	12	122	116	122	147	116	141	25	106	100	106	131	100	125	54	40	15	8	6.5	3	25
25	44	14	122	116	122	147	116	141	29	106	100	106	131	100	125	54	40	15	8	6.5	3	25
32	44	14	142	136	142	167	136	161	19	126	120	126	151	120	145	59	45	25	8	6.5	4	32
40	46	14	142	158	142	167	158	183	21	126	142	126	151	142	167	64	60	25	8	6.5	4.5	36

M-SDB 型(Type) 支架(Bracket)



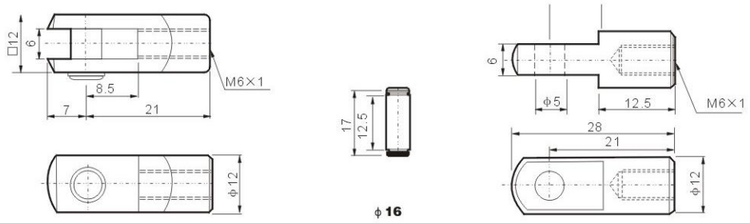


符号/缸径 Symbol/Bore	D	S	Q	CA	CB(MA 系列/Series)	CB(MAL 系列/Series)	CB (MSA 系列/Series)		CB (MSAL 系列/Series)		CD	CE	CF	CH	CT	CP	CQ	PA	PB
							0-50	51-100	0-50	51-100									
16	16	9	12	-	107	-	107	132	-	-	23	-	12	20	2.3	5.5	16.5	21	17
20	21	12	16	51	128	122	128	153	122	147	48	67	32	32	3	6.5	22	27	22.5
25	21	12	16	51	132	126	132	157	126	151	48	67	32	32	3	6.5	22	27	22.5
32	27	15	16	51	135	129	135	160	129	154	52	67	36	36	4	6.5	24	30	24.5
40	27	15	20	55	137	153	137	162	153	178	56	71	40	40	4	6.5	28	34	28.5

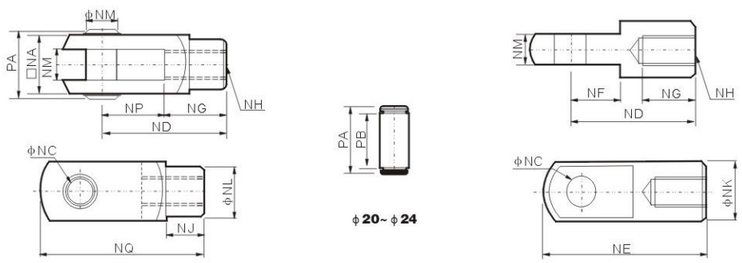
M-Y 型(Type)接头(Joint)

M-Y+销子(Pin)

M-Y+卡扣(Clip)

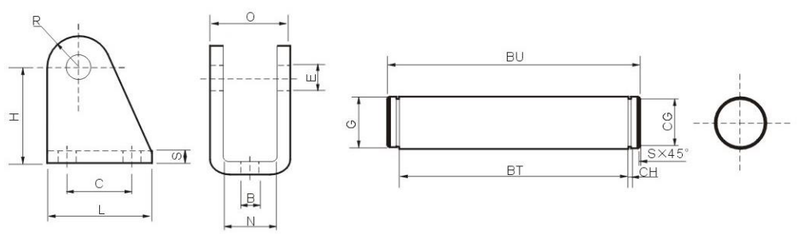


M-I 型(Type)接头(Joint)



符号/缸径Symbol/Bore	NA	NC	ND	NE	NF	NG	NH	NJ	NK	NL	NM	NN	NP	NQ	PA	PB
20	16	8	30	40	11	15	M8×1.25	10	16	14	8	8	15	40	21	16.5
25	19	10	40	52	15	20	M10×1.25	12	20	18	10	10	20	52	25	19.5
32	19	10	40	52	15	20	M10×1.25	12	20	18	10	10	20	52	25	19.5
40	25.4	10	45	57	15	25	M12×1.25	15	24	23	14	10	20	57	31	26

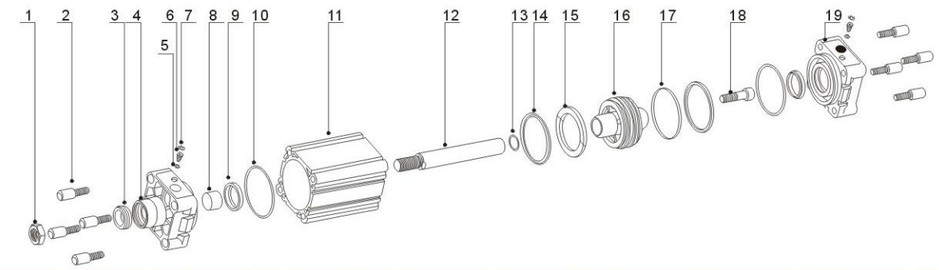
M-U 型(Type)
支架(Bracket)



符号/缸径Symbol/Bore	B	E	C	H	L	N	O	R	S	G	BT	CG	CH	BU	S
8/10	4.5	4	12.5	24	20	8.1	13	5	2.5	4	14	3.7	0.5	17	0.2
12/16	5.5	6	15	27	25	13	18	7	3	6	19	5.6	0.8	24	0.4
20/25	6.6	8	20	29.5	32	16.1	24	10	4	8	25.2	7.5	0.9	29.5	0.5

DNC系列气缸套件/DNC Series Cylinder Kits

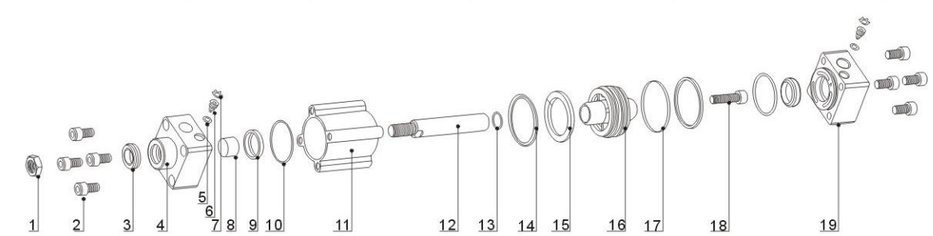
产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	DNC Kits/ DNC 套件 (ISO6431&V DMA24562) 缸径/Bore size: ϕ32,40, 50,63,80, 100,125	前盖/Front cover	铝合金/Aluminum alloy	管壁O令/Cover O-ring	NBR
		后盖/Back cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		活塞/Piston	铝合金/Aluminum alloy	耐磨环/Wear ring	PA66
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
				磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
		缸筒/Barrel	铝合金/Hard anodized aluminum	缓冲调节针/Cushion needle	黄铜/Brass
		防尘圈/Front Cover seal	聚氨酯/PUR	内六角螺钉/Hexagon screw	碳钢/Carbon steel
		缓冲圈/Cushion seal	NBR	螺母/Nut	碳钢/Carbon steel
		活塞杆O令/Pision rod O-ring	NBR	自攻螺丝/Profile bolt	碳钢/Carbon steel



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	螺母/Nut	5	O令/O-ring	9	缓冲圈/Cushion seal	13	Rod O-ring	17	耐磨环/Wear ring
2	Profile bolt	6	调节螺钉/Adjustable screw	10	管壁O令/Cover O-ring	14	活塞密封件/Piston seal	18	内六角螺纹/Hex Socket Screw
3	Front Cover seal	7	挡片/Block slip	11	缸筒/Barrel	15	磁石(可选)/Magnet(optional)	19	后盖/Back cover
4	前盖/Front cover	8	含油轴承/Self Lubricating bearing	12	活塞杆/Piston rod	16	活塞/Piston		

SI系列气缸套件/SI Series Cylinder Kits

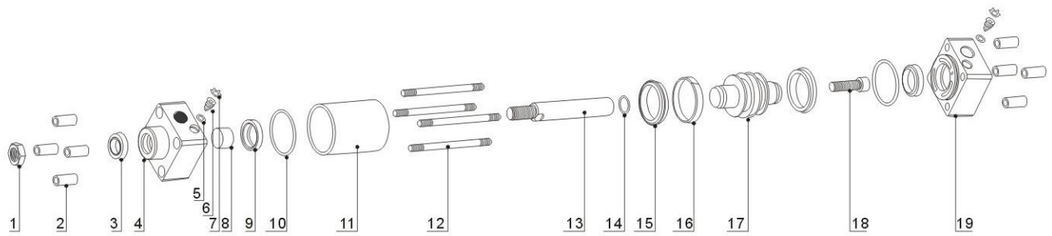
产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	SI Kits SI 套件 (ISO6431) 缸径/Bore size: ϕ32,40,50, 63,80,100,125, 160,200	前盖/Front cover	铝合金/Aluminum alloy	管壁O令/Cover O-ring	NBR
		后盖/Back cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		活塞/Piston	铝合金/Aluminum alloy	耐磨环/Wear ring	PA66
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
				磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
		缸筒/Barrel	铝合金/Hard anodized aluminum	缓冲调节针/Cushion needle	黄铜/Brass
		防尘圈/Front Cover seal	NBR	内六角螺钉/Hexagon screw	碳钢/Carbon steel
		缓冲圈/Cushion seal	NBR	螺母/Nut	碳钢/Carbon steel
		活塞杆O令/Pision rod O-ring	NBR	自攻螺丝/Profile bolt	碳钢/Carbon steel



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	螺母/Nut	5	O令/O-ring	9	缓冲圈/Cushion seal	13	Rod O-ring	17	耐磨环/Wear ring
2	Profile bolt	6	调节螺钉/Adjustable screw	10	管壁O令/Cover O-ring	14	活塞密封件/Piston seal	18	内六角螺纹/Hex Socket Screw
3	Front Cover seal	7	挡片/Block slip	11	缸筒/Barrel	15	磁石(可选)/Magnet(optional)	19	后盖/Back cover
4	前盖/Front cover	8	含油轴承/Self Lubricating bearing	12	活塞杆/Piston rod	16	活塞/Piston		

SC系列气缸套件/SC Series Cylinder Kits

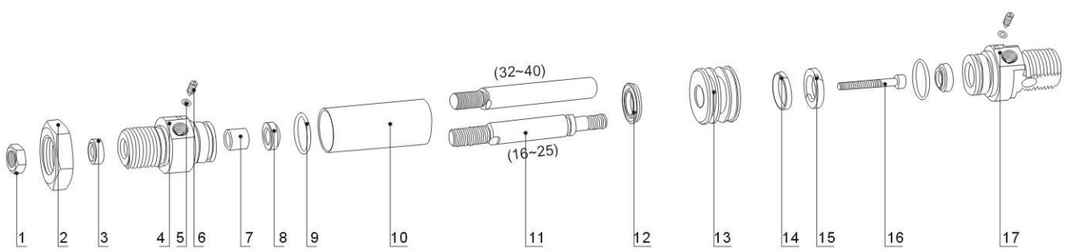
产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	SC Kits/ SC 套件 缸径/Bore size: ϕ32,40, 50,63,80, 100,125, 160,200	前盖/Front cover	铝合金/Aluminum alloy	管壁O令/Cover O-ring	NBR
		后盖/Back cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		活塞/Piston	铝合金/Aluminum alloy	耐磨环/Wear ring	PA66
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
				磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
		缸筒/Barrel	铝合金/Hard anodized aluminum	缓冲调节针/Cushion needle	黄铜/Brass
		防尘圈/Front Cover seal	NBR	内六角螺钉/Hexagon screw	碳钢/Carbon steel
		缓冲圈/Cushion seal	NBR	螺母/Nut	碳钢/Carbon steel
		活塞杆O令/Pision rod O-ring	NBR	拉杆螺母/Tie-rod nut	碳钢/Carbon steel



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	螺母/Nut	5	O令/O-ring	9	缓冲圈/Cushion seal	13	活塞杆/Piston rod	17	活塞/Piston
2	拉杆螺母/Tie-rod nut	6	调节螺钉/Adjustable screw	10	管壁O令/Cover O-ring	14	Rod O-ring	18	内六角螺栓/Hex Socket Screw
3	Front Cover seal	7	挡片/Block slip	11	缸筒/Barrel	15	活塞密封件/Piston seal	19	后盖/Back cover
4	前盖/Front cover	8	含油轴承/Self Lubricating bearing	12	拉杆/Tie-rod	16	耐磨环/Wear ring		

MA/MA6431系列气缸套件/MA/MA6431 Series Cylinder Kits

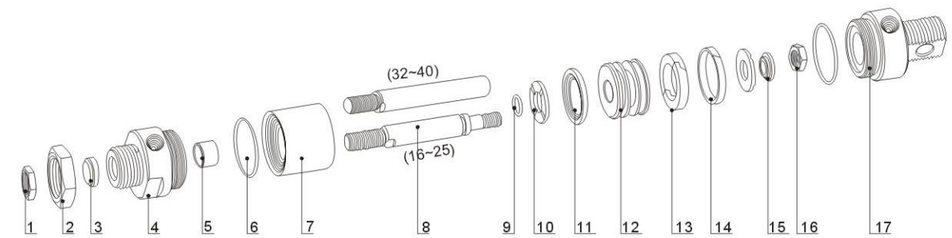
产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	MA 套件/Kits 缸径/Bore size: ϕ16,20,25,32,40 MA6432 套件/Kits (ISO6432) 缸径/Bore size: ϕ8,10,12, 16,20,25	前盖/Front cover	铝合金/Aluminum alloy	管壁O令/Cover O-ring	NBR
		后盖/Back cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		活塞/Piston	铝合金/Aluminum alloy	耐磨环/Wear ring	PA66
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
				磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
		缸筒/Barrel	不锈钢/Stainless Steel	缓冲调节针/Cushion needle	黄铜/Brass
		防尘圈/Front Cover seal	NBR	内六角螺钉/Hexagon screw	碳钢/Carbon steel
		缓冲圈/Cushion seal	NBR	螺母/Nut	碳钢/Carbon steel
		活塞杆O令/Pision rod O-ring	NBR		



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	Rod nut	5	O令/O-ring	9	管壁O令/Cover O-ring	13	活塞/Piston	17	后盖/Back cover
2	Cover Nut	6	调节螺钉/Adjustable screw	10	缸筒/Barrel	14	耐磨环/Wear ring		
3	Front Cover seal	7	含油轴承/Self Lubricating bearing	11	活塞杆/Piston rod	15	磁石(可选)/Magnet(optional)		
4	前盖/Front cover	8	缓冲圈/Cushion seal	12	活塞密封件/Piston seal	16	内六角螺栓/Hexagon Screw		

MAL系列气缸套件/MAL Series Cylinder Kits

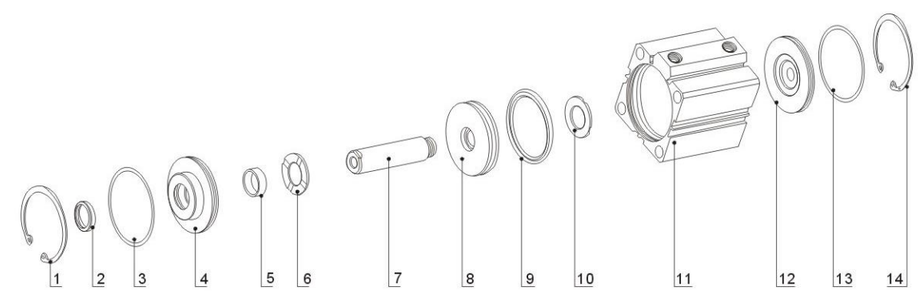
产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	SC Kits/ SC 套件 缸径/Bore size: ϕ16,20, 25,32,40	前盖/Front cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		后盖/Back cover	铝合金/Aluminum alloy	耐磨环/Wear ring	PA66
		活塞/Piston	铝合金/Aluminum alloy	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
				缓冲调节针/Cushion needle	黄铜/Brass
		缸筒/Barrel	铝合金/Hard anodized aluminum	内六角螺钉/Hexagon screw	碳钢/Carbon steel
		防撞垫片/Anti-bump cushion	NBR	螺母/Nut	碳钢/Carbon steel
		防尘圈/Front Cover seal	NBR	消声器/Muffler	Cu
		管壁O令/Cover O-ring	NBR		



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	Rod nut	5	含油轴承/Self Lubricating bearing	9	Rod O-ring	13	磁石(可选)/Magnet(optional)	17	后盖/Back cover
2	Cover Nut	6	管壁O令/Cover O-ring	10	防撞垫片/Anti-bump cushion	14	耐磨环/Wear ring		
3	Front Cover seal	7	缸筒/Barrel	11	活塞密封件/Piston seal	15	轴承垫圈/Impact gasket		
4	前盖/Front cover	8	活塞杆/Piston rod	12	活塞/Piston	16	螺母/Nut		

SDA系列气缸套件/SDA Series Cylinder Kits

产品/Product	型号/Model 规格/Specification	零件名称/Part name	材质/Malerial	零件名称/Part name	材质/Malerial
	SDA Kits/ SDA 套件 缸径/Bore size: ϕ12,16,20, 25,32,40, 50,63,80,100	前盖/Front cover	铝合金/Aluminum alloy	管壁O令/Cover O-ring	NBR
		后盖/Back cover	铝合金/Aluminum alloy	活塞密封件/Piston seal	NBR
		活塞/Piston	铝合金/Aluminum alloy	含油轴承/Self lubriacting bearing	PTFE+铜(Brass)
		活塞杆/Piston rod	S45C 镀硬铬研磨棒/ S45C hard chrome carbon steel	磁石(可选)/Magnet(optional)	铷铁硼/RbFeb
				C型扣环/C type buckle	钢/Steel
		缸筒/Barrel	铝合金/Hard anodized aluminum	螺母/Nut	碳钢/Carbon steel
		防撞垫片/Anti-bump cushion	NBR	消声器/Muffler	Cu



序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation	序号/NO	名称/Designation
1	C type buckle	4	Front cover	7	活塞杆/Piston rod	10	防撞垫片/Anti-bump cushion	13	管壁O令/Cover O-ring
2	Front Cover seal	5	含油轴承/Self Lubricating bearing	8	活塞/Piston	11	缸筒/Barrel	14	C型扣环/C type buckle
3	管壁O令/Cover O-ring	6	防撞垫片/Anti-bump cushion	9	活塞密封件/Piston seal	12	后盖/Back cover		

规格/Specifcation

产品/Product	型号/Model 规格/Specification	产品/Product
	MB Kits MB 套件 (Japan Standard) 缸径/Bore size: ϕ32,40, 50,63,80,100	DNG 套件/Kits(ISO15552)  缸径/Bore size: ϕ160,200,250,320
	ADVU Kits ADVU 套件 (ISO6431) 缸径/Bore size: ϕ16,20, 25,32,40,50, 63,80	

气缸管及活塞杆/Tube and piston rod for pneumatic cylinder

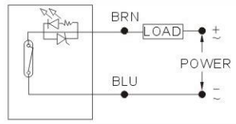
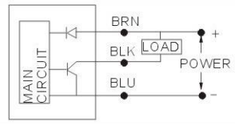
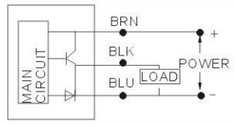
产品/Product	型号/Model 规格/Specification	产品/Product	型号/Model 规格/Specification
	SC,MAL 圆形管 Round Aluminum Tube 缸径/Bore size: ϕ16,20, 25,32,40,50,63, 80,100,125,160, 200,250,320		SI 米字形管 Mickey Mouse Aluminum Tube 缸径/Bore size: ϕ32,40,50, 63,80,100, 125,160,200
	DNC 方形管 Square Aluminum Tube 缸径/Bore size: ϕ32,40,50, 63,80,100,125		SDA 铝管/Aluminum Tube 缸径/Bore size: ϕ12,16,20,25, 32,40,50,63,80,100 备注:通过我们提供的SDA铝管是未氧化的，如果你需要氧化过的铝管，请特别说明，因为价格不同。 Note:Normally we provide SDA unoxided aluminium tube, if you need that with oxide, pls be specified, because price is different.
	ADVU 软管/Aluminum Tube 缸径/Bore size: ϕ,20, 25,32,40,50,63,80		MA,MA6432 不锈钢管 Stainless Steel Tube (高精度)(High precision) 缸径/Bore size: ϕ8,10,12, 16,20,25,32,40
	活塞杆45号钢(镀铬) Piston rod (45# Steel Chrome-plated) 缸径/Bore size: ϕ6,8,10,12, 16,20,25,32,40,45, 50,60,70,etc.	备注:我们公司可以根据客户的需求提供不同直径的活塞杆，包括不锈钢的材质。 Note:Our company can provide different diameteres piston rodes including stainless steel material's according to customers requirement.	

产品特点于应用/Features and Applications

1.开关结构紧凑
2.采用LSU 型LED发光指示灯
3.抗震设计，能用于震动大的场合
4.安装简便
5.多使用于BK系列钢带绑扎
6.适用气缸广泛

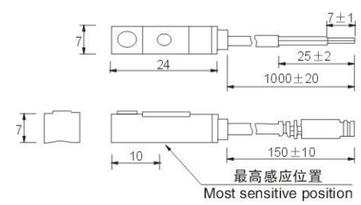
1.Compact design
2.LSU type LED light
3.Anti-vibration application
4.Simple installation
5.BK series metal brand together
6.Suitable for many kinds of air cylinder.

规格/Specifcation

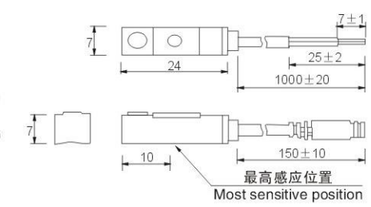
型号/Type	DL-03R	DL-03N	DL-03P
接线图/Connect Diagram 规格参数/Parameter			
配线方式/Wiring method	二线式/2-WireType	三线式/3-WireType	
开关逻辑/Switching logic	SPST 常开式/Normally Open	电子式无接点 常开式/Solid State Output,Normally Open	
输出接点形式/Sensor type	有接点 干簧管型/Reed switch	无接点NPN型(电流流入)/NPN Input	无接点PNP 型(电流流出)/PNP Output
使用电压范围/Operating voltage	5-240V DC/AC	5-30V DC	
最大开关电流/Max.switching current	100mA max.	200mA max.	
触电容量/Contact rating	10W max.	6W max.	
消耗电流/Current consumption	无/None	20mA max @ 24V(Switch Active)	
内部电压降/Voltage drop	3.0V max.	0.5V max @ 200mA	
泄露电流/Leakage current	无/None	0.01mA max.	
指示灯颜色/Indicator	红色/Red LED	红色/Red LED	绿色/Green LED
最大切换频率/Max.exchange frequency	200Hz	1000Hz	
使用温度范围/Temperature range	-10~70℃		
耐冲击/Shock	30G	50G	
耐震动/Vibration	9G		
保护构造等级/Enclosure classification	IEC 529 IP67(NEMA 6)		
保护电路/Protection circuit	无/None	电源反接，突破吸收保护/With protection	
电线/Cable	ϕ2.8,2C PVC 灰色耐油 PVC ϕ2.8,2C PVC Gray color,oil resistance PVC	ϕ2.8,3C PVC 黑色耐油 PVC ϕ2.8,3C PVC Blank color,oil resistance PVC	

外形尺寸/Overall Dimension

DL-03R,
DL-03R-QD



DL-03P,
DL-03P-QD
DL-03N,
DL-03N-QD



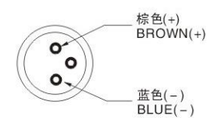
接管口径/Joint Pipe Bore

DL-03系列使用PBK固定钢带/
PBK metal band for DL-03 series

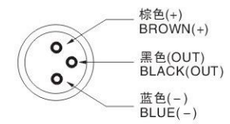
适用于ϕ6-ϕ63圆形气缸
For round cylinder ϕ6-ϕ63

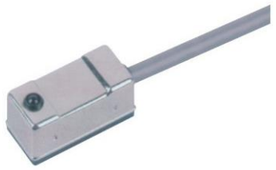
QD接头接线圈/QD Pinout

二线式快速接头
2 wire QD wiring



三线式快速接头
3 wire QD wiring



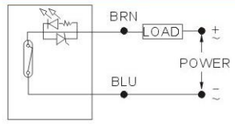
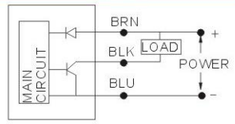
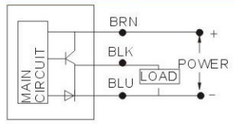


产品特点于应用/Features and Applications

1.开关结构紧凑
2.采用高亮度LED发光指示灯
3.底部圆弧表贴抗震设计
4.备有PI和PM两种系列支架
5.安装简便
6.适用于所有标准系列拉杆和米字形气缸

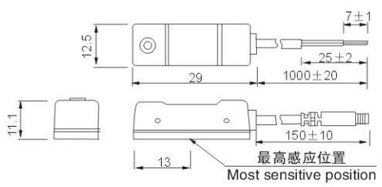
1.Compact design
2.LED light
3.Anti-vibration application
4.PI,PM series clamp together
5.Simple installation
6.Suitable for all kinds of standard tie-rod and micky-mouse barrel cylinder.

规格/Specifcation

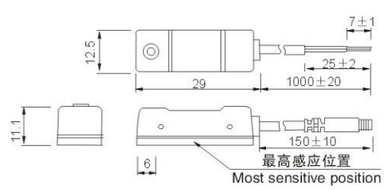
型号/Type	DL-21R	DL-21N	DL-21P
接线图/Connect Diagram 规格参数/Parameter			
配线方式/Wiring method	二线式/2–WireType	三线式/3-WireType	
开关逻辑/Switching logic	SPST 常开式/Normally Open	电子式无接点 常开式/Solid State Output,Normally Open	
输出接点形式/Sensor type	有接点 干簧管型/Reed switch	无接点NPN型(电流流入)/NPN Input	无接点PNP 型(电流流出)/PNP Output
使用电压范围/Operating voltage	5–240V DC/AC	5-30V DC	
最大开关电流/Max.switching current	100mA max.	200mA max.	
触电容量/Contact rating	10W max.	6W max.	
消耗电流/Current consumption	无/None	20mA max @ 24V(Switch Active)	
内部电压降/Voltage drop	3.0V max.	0.5V max	
泄露电流/Leakage current	无/None	0.01mA max.	
指示灯颜色/Indicator	红色/Red LED	红色/Red LED	绿色/Green LED
最大切换频率/Max.exchange frequency	200Hz	1000Hz	
使用温度范围/Temperature range	-10~70℃		
耐冲击/Shock	30G	50G	
耐震动/Vibration	9G		
保护构造等级/Enclosure classification	IEC 529 IP67(NEMA 6)		
保护电路/Protection circuit	无/None	电源反接，突破吸收保护/With protection	
电线/Cable	ϕ4.0,2C PVC 灰色耐油 PVC ϕ4.0,2C PVC Gray color,oil resistance PVC	ϕ4.0,3C PVC 黑色耐油 PVC ϕ4.0,3C PVC Blank color,oil resistance PVC	

外形尺寸/Overall Dimension

DL-21R,
DL-21R-QD



DL-21P,
DL-21P-QD
DL-21N,
DL-21N-QD



接管口径/Joint Pipe Bore

DL–21系列安装方式/Installation of DL–21

PM固定夹具 Fixed clamping device

适用于ϕ32至ϕ150拉杆气缸，拉杆直径尺寸从ϕ32至ϕ150
For tie–rod cylinder ϕ32–ϕ150 tie–rod dimwnsion ϕ5–ϕ16

PAC固定夹具 Fixed clamping device

适用于ϕ32至ϕ150拉杆气缸，拉杆直径尺寸从ϕ32至ϕ150
For tie–rod cylinder ϕ32–ϕ150 tie–rod dimwnsion ϕ5–ϕ16

PAB固定钢带 Fixed steel belt

适用于ϕ12至ϕ100圆形气缸和ϕ12至ϕ100拉杆气缸
For tie–rod cylinder ϕ12–ϕ100 and round cylinder ϕ12–ϕ100

PN固定钢带 Fixed steel belt

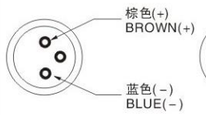
适用于ϕ12至ϕ150圆形气缸
For round cylinder ϕ12–ϕ150

PI固定夹具 Fixed clamping device

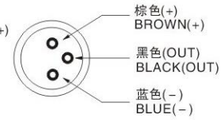
适用于ϕ32至ϕ100 ISO气缸(米型缸)
For micky-mouse cylinder ϕ32-ϕ100

QD接头接线圈/QD Pinout

二线式快速接头
2 wire QD wiring



三线式快速接头
3 wire QD wiring

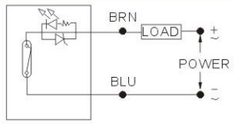
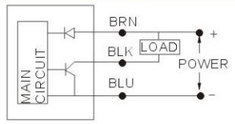
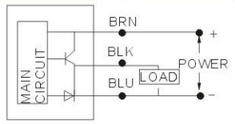


产品特点于应用/Features and Applications

1.开关结构紧凑
2.采用高亮度LED发光指示灯
3.抗震设计，能用于震动大的场合
4.可以采用沟槽式和绑扎两种安装方式
5.安装简便、美观
6.适用于沟槽式和迷你式的多种气缸

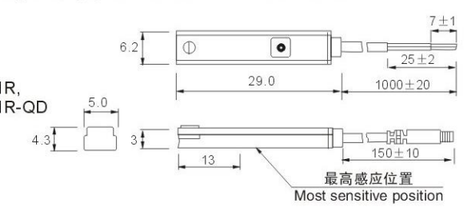
1.Compact design
2.LED light
3.Anti-vibration application
4.For groove and bandage fixing type
5.Simple installation
6.Suitable for all kinds of groove type and mini type cylinder.

规格/Specifcation

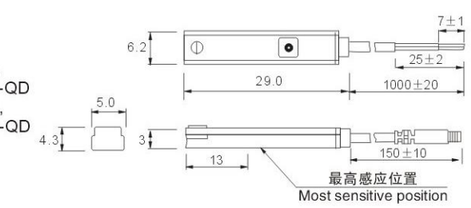
型号/Type	DL-31R	DL-31N	DL-31P
接线图/Connect Diagram 规格参数/Parameter			
配线方式/Wiring method	二线式/2–WireType	三线式/3-WireType	
开关逻辑/Switching logic	SPST 常开式/Normally Open	电子式无接点 常开式/Solid State Output,Normally Open	
输出接点形式/Sensor type	有接点 干簧管型/Reed switch	无接点NPN型(电流流入)/NPN Input	无接点PNP 型(电流流出)/PNP Output
使用电压范围/Operating voltage	5–240V DC/AC	5-30V DC	
最大开关电流/Max.switching current	100mA max.	100mA max.	
触电容量/Contact rating	10W max.	3W max.	
消耗电流/Current consumption	无/None	17mA max @ 24V(Switch Active)	14mA max @ 24V(Switch Active)
内部电压降/Voltage drop	2.5V max.@ 100mA	0.5V max @ 200mA	
泄露电流/Leakage current	无/None	0.01mA max.	
指示灯颜色/Indicator	红色/Red LED	红色/Red LED	绿色/Green LED
最大切换频率/Max.exchange frequency	200Hz	1000Hz	
使用温度范围/Temperature range	-10~70℃		
耐冲击/Shock	30G	50G	
耐震动/Vibration	9G		
保护构造等级/Enclosure classification	IEC 529 IP67(NEMA 6)		
保护电路/Protection circuit	无/None	电源反接，突破吸收保护/With protection	
电线/Cable	ϕ3.0,2C PVC 灰色耐油 PVC ϕ3.0,2C PVC Gray color,oil resistance PVC	ϕ3.0,3C PVC 黑色耐油 PVC ϕ3.0,3C PVC Blank color,oil resistance PVC	

外形尺寸/Overall Dimension

DL-31R,
DL-31R-QD

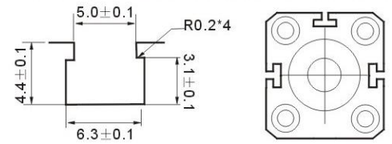


DL-31P,
DL-31P-QD
DL-31N,
DL-31N-QD



接管口径/Joint Pipe Bore

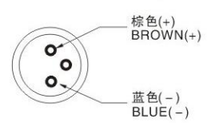
DL–31系列沟槽尺寸图/Groove dimension of DL–31 series



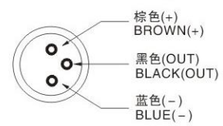
适用于DNC气缸/For DNC cylinder

QD接头接线圈/QD Pinout

二线式快速接头
2 wire QD wiring



三线式快速接头
3 wire QD wiring

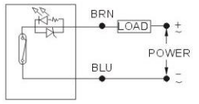
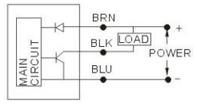
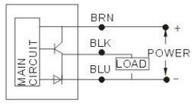


产品特点于应用/Features and Applications

1.开关结构紧凑
2.采用高亮度LED发光指示灯
3.底部圆弧表贴抗震设计
4.可以采用沟槽式和绑扎两种安装方式
5.安装简便
6.适用于薄型(紧凑)气缸

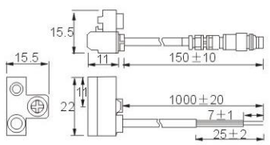
1. Compact design
2. LED light
3. Anti-vibration application
4. For groove and bandage fixing type
5. Simple installation
6. Suitable for thin type(compact) cylinder

规格/Specifcation

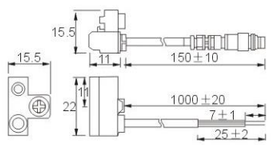
型号/Type	DL-11R	DL-11RB	DL-11N	DL-11P
接线图/Connect Diagram 规格参数/Parameter				
配线方式/Wiring method	二线式/2-WireType		三线式/3-WireType	
开关逻辑/Switching logic	SPST 常开式/Normally Open	SPST 常闭型/Normally Closed	电子式无接点 常开式/Solid State Output,Normally Open	
输出接点形式/Sensor type	有接点 干簧管型/Reed switch		无接点NPN型(电流流入)/NPN Input	无接点PNP 型(电流流出)/PNP Output
使用电压范围/Operating voltage	5-240V DC/AC	5-120V DC/AC	5-30V DC	
最大开关电流/Max.switching current	100mA max.		200mA max.	
触电容量/Contact rating	10W max.		6W max.	
消耗电流/Current consumption	无/None		20mA max@ 24V(Switch Active)	
内部电压降/Voltage drop	2.5V max.@100mA		0.5V max @ 200mA	
泄露电流/Leakage current	无/None		0.01mA max.	
指示灯颜色/Indicator	红色/Red LED		红色/Red LED	绿色/Green LED
Sensitivity	40Gauss			
最大切换频率/Max.exchange frequency	200Hz		1000Hz	
使用温度范围/Temperature range	-10~70℃			
耐冲击/Shock	30G		50G	
耐震动/Vibration	9G			
保护构造等级/Enclosure classification	IEC 529 IP67(NEMA 6)			
保护电路/Protection circuit	无/None		电源反接，突破吸收保护/With protection	
电线/Cabel	ф3.2,2C PVC 灰色耐油 PVC ф3.2,2C PVC Gray color,oil resistance PVC		ф3.2,3C PVC 黑色耐油 PVC ф3.2,3C PVC Blank color,oil resistance PVC	

外形尺寸/Overall Dimension

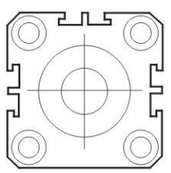
DL-11R
DL-11R-QR

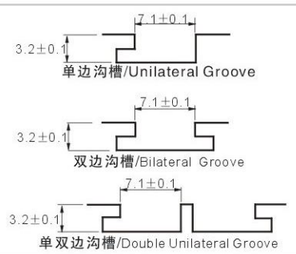


DL-11N
DL-11N-QD



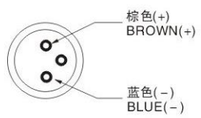
接管口径/Joint Pipe Bore



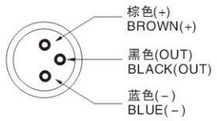


QD接头接线圈/QD Pinout

二线式快速接头
2 wire QD wiring

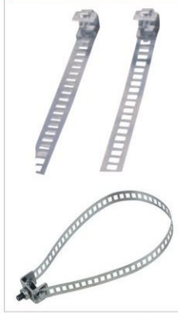
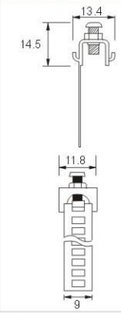
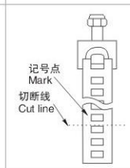


三线式快速接头
3 wire QD wiring



BK 系列固定钢带/BK Series Clamp

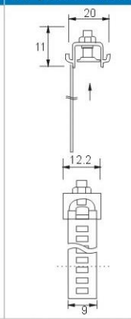
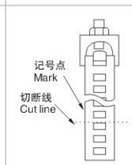
专用于固定DL-03系列磁性开关与ф6以上的圆形气缸/Clamp is designed for mounting DL-03 series sensor on ф6 bore and above round cylinder

产品/Product	尺寸/Dimension	安装方式/Mounting			
		步骤1 Step 1	步骤 2 Step 2	步骤 3 Step 3	步骤 4 Step 4
		1.先将夹头上的螺丝向上松开， 2.使螺丝不伸出夹头的内丝。 1.Release the screw up 2.Make the screw within the collect	1.将钢带一端套入夹头的挂钩上； 2.安放开关拉紧钢带； 3.另一边钢带挂钩挂入孔上并做记号。 1.Put one end of the band to the hanger 2.Install the switch and strain the metal hand 3.Another end of the band to the hanger and make mark.	1.如下图在记号后面的位置剪断钢带。 1.Cut the metal band at the opposite face of the marked position	1.将剪好的钢带一端套入夹头的挂钩上 2.安放感应开关，锁紧螺丝，使夹头顶起来 3.锁紧螺帽即可。 1.Put the metal band on the marked position. 2.Install the switch,lock the screw. 3.Finally lock the screw nut.
					

BK-81:适用于ф6-ф63圆形气缸和拉杆气缸 For round cylind cylinder and tie-rod cylinder ф6-ф63.
BK-82:适用于ф6-ф125圆形气缸和拉杆气缸(大于ф125缸径的可定做) For round cylind cylinder and tie-rod cylinder ф6-ф125.(Speed design for≥ ф125)

PBN 系列固定钢带/PBN Series Clamp

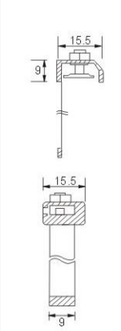
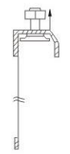
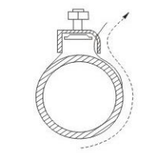
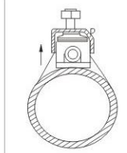
专用于固定DL-20系列磁性开关与ф12以上的圆形气缸/Clamp is designed for mounting DL-20 series sensor on ф12 bore and above round cylinder

产品/Product	尺寸/Dimension	安装方式/Mounting			
		步骤1 Step 1	步骤 2 Step 2	步骤 3 Step 3	步骤 4 Step 4
		1.先将夹头上的螺丝向上松开， 2.使螺丝不伸出夹头的内丝。 1.Release the screw up 2.Make the screw within the collect	1.将钢带一端套入夹头的挂钩上； 2.安放开关拉紧钢带； 3.另一边钢带挂钩挂入孔上并做记号。 1.Put one end of the band to the hanger 2.Install the switch and strain the metal hand 3.Another end of the band to the hanger and make mark.	1.如下图在记号后面的位置剪断钢带。 1.Cut the metal band at the opposite face of the marked position	1.将剪好的钢带一端套入夹头的挂钩上 2.安放感应开关，锁紧螺丝，使夹头顶起来 3.锁紧螺帽即可。 1.Put the metal band on the marked position. 2.Install the switch,lock the screw. 3.Finally lock the screw nut.
					

BK-81:适用于ф6-ф63圆形气缸和拉杆气缸 For round cylind cylinder and tie-rod cylinder ф6-ф63.
BK-82:适用于ф6-ф125圆形气缸和拉杆气缸(大于ф125缸径的可定做) For round cylind cylinder and tie-rod cylinder ф6-ф125.(Speed design for≥ ф125)

PN 系列固定钢带/PN Series Clamp

专用于固定DL-20系列磁性开关与ф12以上的圆形气缸/Clamp is designed for mounting XC-20series sensor on ф12 bore and above round cylinder

产品/Product	尺寸/Dimension	安装方式/Mounting			
		步骤1 Step 1	步骤 2 Step 2	步骤 3 Step 3	步骤 4 Step 4
		1.先将夹头上的螺丝向上松开， 2.使螺丝不伸出夹头的内丝。 1.Release the screw up 2.Make the screw within the collect	1.将钢带一端套入夹头的挂钩上； 2.安放开关拉紧钢带； 3.另一边钢带挂钩挂入孔上并做记号。 1.Put one end of the band to the hanger 2.Install the switch and strain the metal hand 3.Another end of the band to the hanger and make mark.	1.如下图在记号后面的位置剪断钢带。 1.Cut the metal band at the opposite face of the marked position	1.将剪好的钢带一端套入夹头的挂钩上 2.安放感应开关，锁紧螺丝，使夹头顶起来 3.锁紧螺帽即可。 1.Put the metal band on the marked position. 2.Install the switch,lock the screw. 3.Finally lock the screw nut.
					

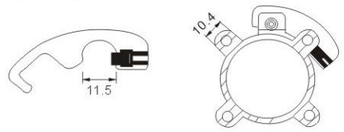
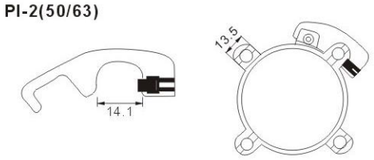
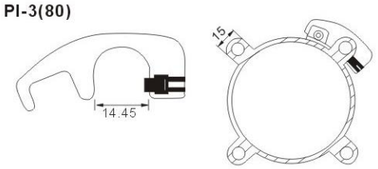
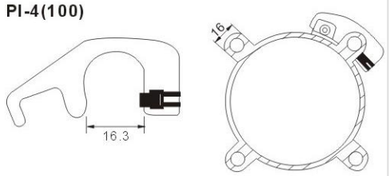
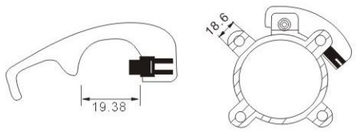
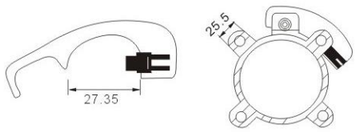
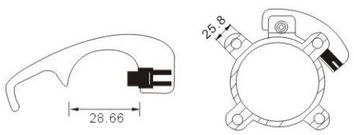
PN — S 20

12: 圆形气缸为ф12 Round cylinder ф12
16: 圆形气缸为ф16 Round cylinder ф16
150: 圆形气缸为ф150 Round cylinder ф150

S:圆形气缸为不锈钢材质/Stainless steel round cylinder
A:圆形气缸为铝合金材质/Aluminum round cylinder

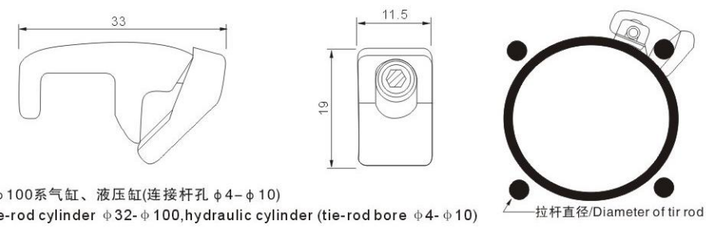
PI 系列固定夹具/PI Series Bracket

支架是专为安装DL 21系列传感器在ISO剖面缸。(米字型)/Bracket is designed for mounting DL-21 series sensor on ISO profile cylinder.(mickey mouse Type)

产品/Product	安装尺寸/Dimension/Installation	
	PI-1(32/40) 	PI-2(50/63) 
	PI-3(80) 	PI-4(100) 
	PI-5(125) 	PI-6(160) 
	PI-7(200) 	

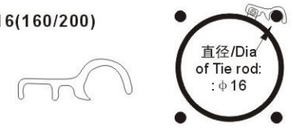
PAC 系列固定夹具/PAC Series Bracket

支架是专为安装DL 21系列拉杆缸/Bracket is designed for mounting DL-21 series on tie-rod cylinder.

产品/Product	安装尺寸/Dimension/Installation
	 使用 ϕ32-ϕ100系气缸、液压缸(连接杆孔 ϕ4-ϕ10) Using for tie-rod cylinder ϕ32-ϕ100,hydraulic cylinder (tie-rod bore ϕ4-ϕ10)

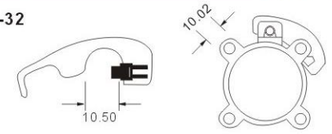
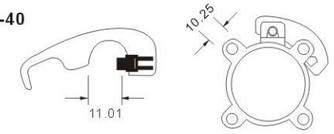
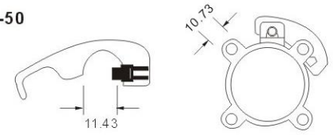
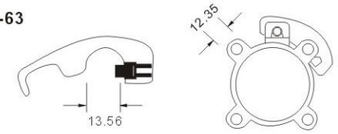
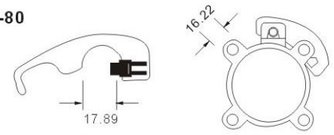
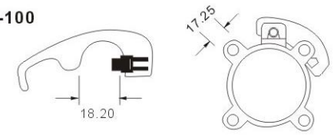
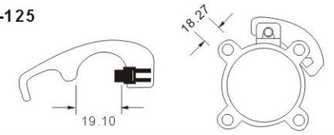
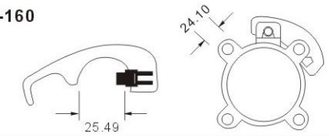
PM 系列固定夹具/PM Series Bracket

支架是专为安装DL 21系列拉杆缸/Bracket is designed for mounting DL-21 series on tie-rod cylinder.

产品/Product	安装尺寸/Dimension/Installation	
	PM-6(32/40/50) 	PM-8(63) 
	PM-10(80/100) 	PM-12(125) 
	PM-16(160/200) 	

SU 系列固定夹具/SU Series Bracket

支架是专为安装DL-21R传感器在米字气缸(SU 型)/Bracket is designed for mounting DL-21R sensor on mickey mouse Type cylinder (SU Type).

产品/Product	安装尺寸/Dimension/Installation	
	SU-32 	SU-40 
	SU-50 	SU-63 
	SU-80 	SU-100 
	SU-125 	SU-160 
	SU-200