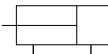


ISO15552标准气缸 ISO15552 Standard Air Cylinder Series SI (Ø32~Ø200)



规格 Specifications



缸径 Bore size (mm)	32	40	50	63	80	100	125	160	200
接管口径 Port size Rc(PT)	1/8	1/4		3/8		1/2		3/4	
使用流体 Fluid	过滤压缩空气 Filtered compressed air								
动作形式 Action	双动 Double acting								
保证耐压力 Proof pressure (MPa)	1.5								
使用压力范围 Operating pressure range (MPa)	0.1~1.0								
环境及流体温度 Ambient and fluid temperature	-5~60℃ (未冻结 No freezing)								
活塞速度 Piston speed (mm/s)	30~800						30~500		
缓冲 Cushion	可调缓冲 Adjustable cushion								
行程公差 Stroke tolerance (mm)	0~250: ^{+1.0} ₀			251~1000: ^{+1.4} ₀			1001~1500: ^{+1.8} ₀		
* 润滑 Lubrication	不需要 Not required								

* 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

行程 / 磁性开关 Stroke/ Auto switch

缸径 Bore size (mm)	标准行程 Standard stroke (mm)	最长行程 Max. stroke (mm)	容许行程 Permissible stroke (mm)	磁性开关 Auto switch	开关固定码 Switch clamp
32	25, 50, 75, 80, 100, 125, 150, 160, 175, 200, 250, 300, 350, 400, 450, 500	1000	1800	D-M9BK	PC+PO-1
40	25, 50, 75, 80, 100, 125, 150, 160, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800	1200			PC+PO-2
50	25, 50, 75, 80, 100, 125, 150, 160, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000	1500			PC+PO-3
63					PF7-5
80			2000		PF7-6
100					
125					
160, 200					

* 非标行程可定制。Nonstandard stroke can be customized.

型号表示方法 How to Order

SI

63

-

100

-

30

S

FA

类型 Type

-	基本型 Basic
D	双活塞杆 Double rod
J	双活塞杆行程可调 Double rod with adjustable stroke

行程 Stroke (mm)

缸径 Bore size (mm)

可调行程 Adjustable stroke (SIJ)

10	10 mm
20	20 mm
30	30 mm
40	40 mm
50	50 mm
75	75 mm
100	100 mm

安装形式 Mounting

-	基本型 Basic	SI
LB	脚座 Foot	SID
FA	前法兰 Front flange	SIJ
FB	后法兰 Rear flange	
CA	单 U 型钩 Single clevis	SI
CB	双 U 型钩 Double clevis	
CR	双 U 型钩接座 Double clevis bracket	与 CB 配合使用 Use with CB
FTC	前轴耳 Front trunnion	与 TCM1 或 TCM2 配合使用 Use with TCM1 or TCM2
TC	中央轴耳 Center trunnion	SI SID SIJ

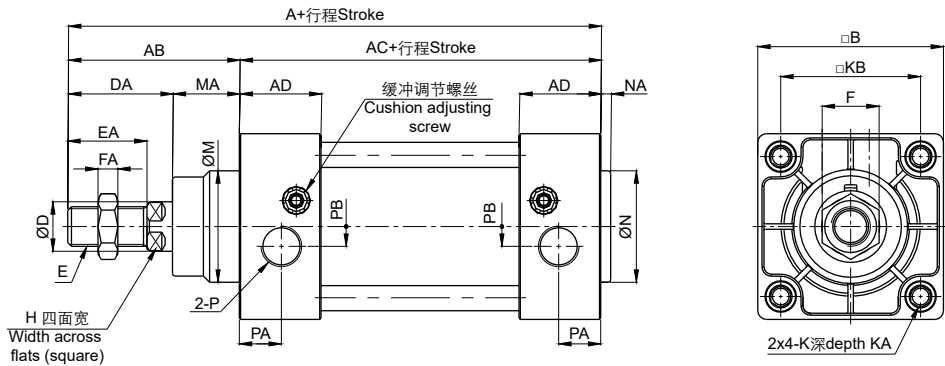
磁环 Magnet

-	无 None
S	内置磁环 Built-in magnet

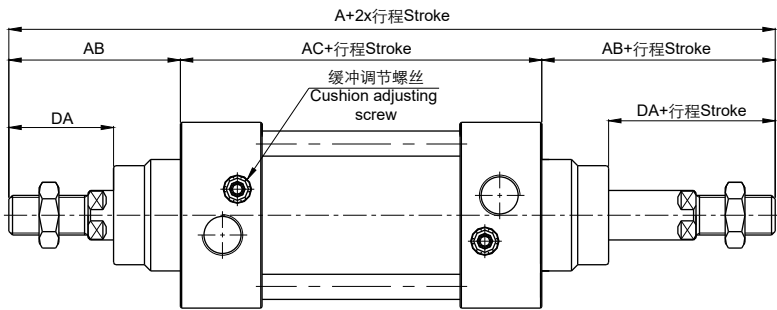
ISO15552标准气缸
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Series SI

外形尺寸图 Dimensions (mm)

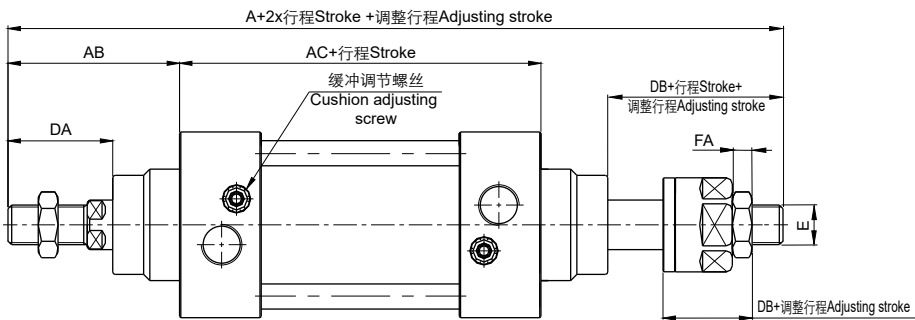
SI



SID



SIJ



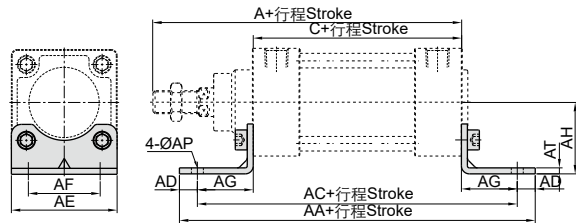
缸径 Bore size	A			AB	AC	AD	B	D	DA	DB	E	EA	F	FA	H	*K	*KA	KB	M	MA	N	NA	P	PA	PB
	SI	SID	SIJ																						
32	142	190	188	48	94	27.5	47	12	29	27	M10x1.25	22	17	6	10	M6(M5)	16(14)	32.5	30	19	30	3	1/8	13	5.5
40	159	213	208	54	105	32	53	16	33	28	M12x1.25	24	17	7	13	M6(M5)	16	38	35	21	35	3.5	1/4	17	6
50	175	244	231	69	106	31	65	20	42	29	M16x1.5	32	23	8	17	M8(M6)	16	46.5	40	27	40	3.5	1/4	15.5	7.5
63	190	259	246	69	121	33	75	20	42	29	M16x1.5	32	23	8	17	M8(M6)	16	56.5	45	27	45	4	3/8	16.5	7.5
80	214	300	282.5	86	128	33	95	25	53	35.5	M20x1.5	40	26	10	22	M10(M8)	17(16)	72	45	33	45	4	3/8	16.5	9
100	229	320	300.5	91	138	37	115	25	55	35.5	M20x1.5	40	26	10	22	M10(M8)	17(16)	89	55	36	55	4	1/2	18.5	9.5
125	279	398	366.5	119	160	46	140	32	74	42.5	M27x2.0	54	41	13.5	27	M12	20	110	60	45	60	4	1/2	23	14
160	332	484	458	152	180	50	180	40	94	68	M36x2.0	72	55	18	36	M16	24	140	65	58	65	4	3/4	25	15
200	347	514	482	167	180	50	220	40	100	68	M36x2.0	72	55	18	36	M16	24	175	75	67	75	5	3/4	25	15

* () 为如果使用中央轴耳的尺寸。() shows dimensions if center trunnion used.

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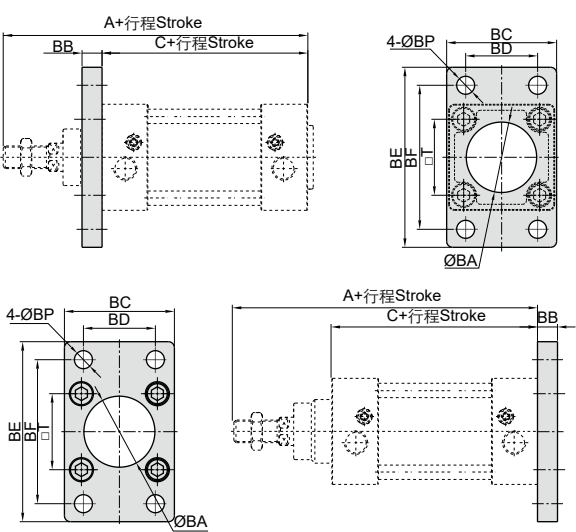
外形尺寸图 Dimensions (mm)

脚座Foot LB



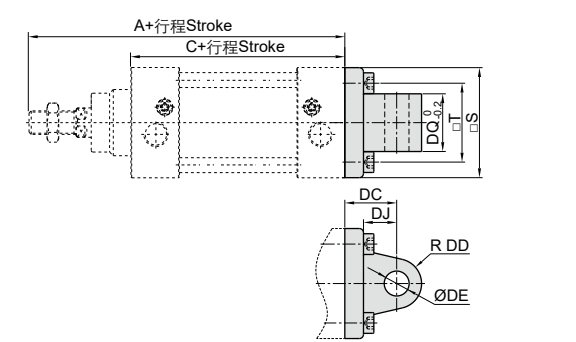
零件号 Part No.	缸径 Bore size	A	C	AA	AC	AD	AE	AF	AG	AH	AP	AT
F-SI32LB	32	142	94	158	142	8	47	32	24	32	7	3
F-SI40LB	40	159	105	179	161	9	53	36	28	36	9	3
F-SI50LB	50	175	106	190	170	10	65	45	32	45	9	3
F-SI63LB	63	190	121	209	185	12	75	50	32	50	9	3
F-SI80LB	80	214	128	248	210	19	95	63	41	63	12.5	4
F-SI100LB	100	229	138	266	220	19	115	75	41	71	14.5	4
F-SI125LB	125	279	160	290	250	20	140	90	45	90	16.5	8
F-SI160LB	160	332	180	340	300	20	180	115	60	115	18.5	8
F-SI200LB	200	347	180	380	320	30	220	135	70	135	24	9

法兰Flange FA/FB



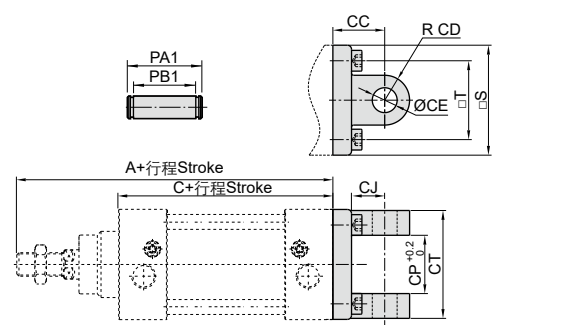
零件号 Part No.	缸径 Bore size	A	C	BA	BB	BC	BD	BE	BF	BP	T
F-SI32FA	32	142	94	30.5	10	47	32	80	64	7	32.5
F-SI40FA	40	159	105	35.5	10	53	36	90	72	9	38
F-SI50FA	50	175	106	40.5	12	65	45	108	90	9	46.5
F-SI63FA	63	190	121	45.5	12	75	50	118	100	9	56.5
F-SI80FA	80	214	128	45.5	16	95	63	150	126	12.5	72
F-SI100FA	100	229	138	55.5	16	115	75	176	150	14.5	89
F-SI125FA	125	279	160	60.5	20	139	90	218	180	16.5	110
F-SI160FA	160	332	180	65.5	20	180	115	280	230	18.5	140
F-SI200FA	200	347	180	75.5	25	220	135	320	270	24	175

单U型钩Single clevis CA



零件号 Part No.	缸径 Bore size	A	C	DC	DD	DE	DJ	DQ	S	T
F-SI32CA	32	142	94	22	9	10	13	25.8	47	32.5
F-SI40CA	40	159	105	25	10.5	12	16	27.8	52	38
F-SI50CA	50	175	106	27	11	12	17	31.7	64	46.5
F-SI63CA	63	190	121	32	13.5	16	22	39.7	74	56.5
F-SI80CA	80	214	128	36	14.5	16	22	49.7	94	72
F-SI100CA	100	229	138	41	17	20	27	59.7	113	89
F-SI125CA	125	279	160	50	22	25	33	69.7	139	110
F-SI160CA	160	332	180	55	30	30	35.5	89.7	180	140
F-SI200CA	200	347	180	60	30	30	37	89.7	220	175

双U型钩Double clevis CB



零件号 Part No.	缸径 Bore size	A	C	CC	CD	CE	CJ	CP	CT	PA1	PB1	S	T
F-SI32CB	32	142	94	22	9	10	13	26	45	51	45.5	47	32.5
F-SI40CB	40	159	105	25	10.5	12	16	28	52	59	52.5	52	38
F-SI50CB	50	175	106	27	11	12	17	32	60	67	60.5	64	46.5
F-SI63CB	63	190	121	32	13	16	22	40	70	77	70.5	74	56.5
F-SI80CB	80	214	128	36	14	16	22	50	90	97	90.5	94	72
F-SI100CB	100	229	138	41	17.5	20	27	60	110	119	110.5	113	89
F-SI125CB	125	279	160	50	21.5	25	33	70	130	139	130.5	139	110
F-SI160CB	160	332	180	55	30	30	35.5	90	170	181	170.5	180	140
F-SI200CB	200	347	180	60	30	30	36	90	170	181	170.5	220	175

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外形尺寸图 Dimensions (mm)

双U型钩接座Double clevis bracket CR

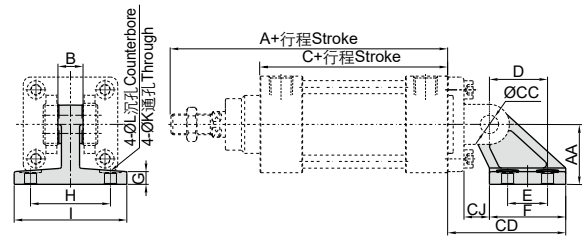


Table with 14 columns: 零件号 Part No., 缸径 Bore size, A, AA, B, C, CC, CD, CJ, D, E, F, G, H, I, K, L. Rows include F-SI32CR to F-SI200CR.

前轴耳Front trunnion FTC

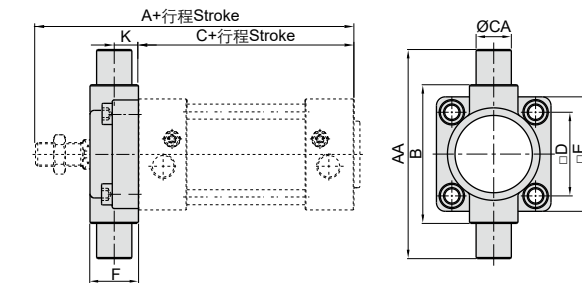


Table with 11 columns: 零件号 Part No., 缸径 Bore size, A, AA, B, C, CA, D, E, F, K. Rows include F-SI32FTC to F-SI200FTC.

中央轴耳Center trunnion TC

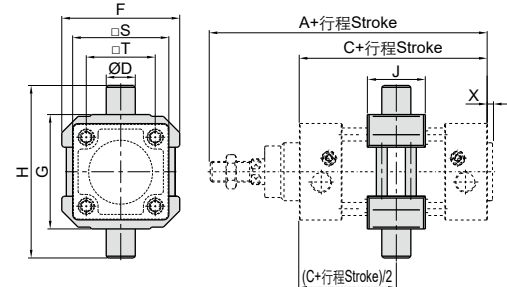


Table with 12 columns: 零件号 Part No., 缸径 Bore size, A, C, D, F, G, H, J, S, X, T. Rows include F-SI32TC to F-SI200TC.

轴耳支架Trunnion bracket TCM1

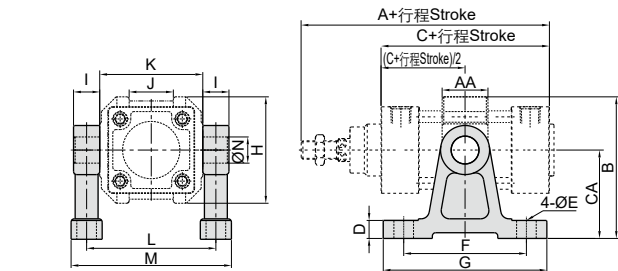


Table with 16 columns: 零件号 Part No., 缸径 Bore size, A, AA, B, C, CA, D, E, F, G, H, I, J, K, L, M, N. Rows include F-SI32TCM1 to F-SI200TCM1.

轴耳支架Trunnion bracket TCM2

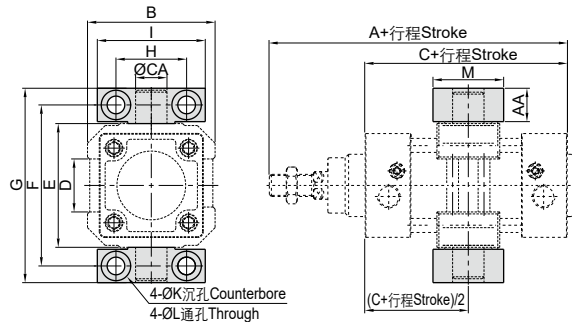


Table with 16 columns: 零件号 Part No., 缸径 Bore size, A, AA, B, C, CA, D, E, F, G, H, I, K, L, M. Rows include F-SI32TCM2 to F-SI160TCM2.