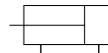


## 标准气缸(大缸径) Standard Air Cylinder (Large Bore Size) Series SC (Ø125~Ø250)



### 规格 Specifications

缸径 Bore size (mm)	125	160	200	250
接管口径 Port size Rc(PT)	1/2	3/4		1
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°C (未冻结 No freezing)			
活塞速度 Piston speed (mm/s)	30~500			
缓冲 Cushion	可调缓冲 Adjustable cushion			
行程公差 Stroke tolerance (mm)	0~250 <sup>+1.0</sup> <sub>0</sub>	251~1000 <sup>+1.4</sup> <sub>0</sub>	1001~1500 <sup>+1.8</sup> <sub>0</sub>	
* 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
125	25, 50, 75, 80, 100, 125, 150, 160, 175, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000	1500	2000	D-M9BK	PC+PCD
160					
200, 250					

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

### 型号表示方法 How to Order

SC    200 - 150 - 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

**缸径 Bore size (mm)**

**行程 Stroke (mm)**

**可调行程 Adjustable stroke (SCJ)**

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	SC	
LB	脚座 Foot	SCD	
FA	前法兰 Front flange	SCJ	
FB	后法兰 Rear flange		
CA	单 U 型钩 Single clevis	SC	
CB	双 U 型钩 Double clevis		
TC	中央轴耳 Center trunnion	与 TCM1 配合使用 Use with TCM1	SC SCD SCJ

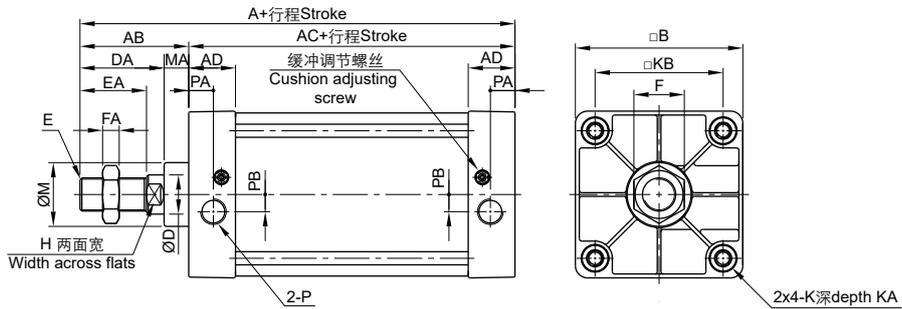
**磁环 Magnet**

-	无 None
S	内置磁环 Built-in magnet

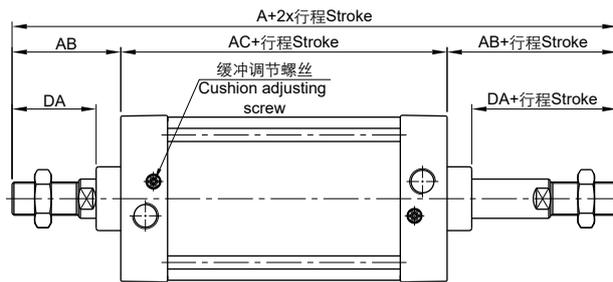
# 标准气缸(大缸径) Standard Air Cylinder (Large Bore Size) Series SC

外形尺寸图 Dimensions (mm)

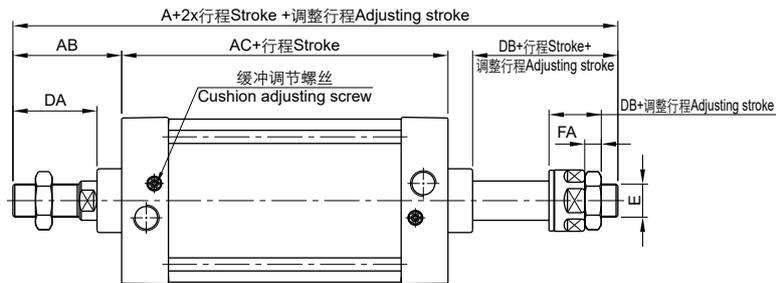
SC



SCD



SCJ



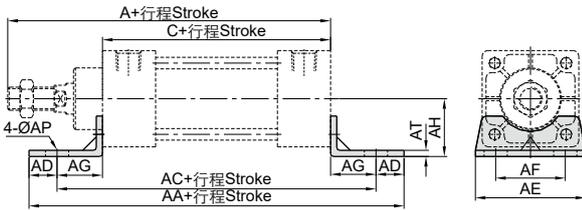
缸径 Bore size	A			AB	AC	AD	B	D	DA	DB	E	EA	F	FA	H	K	KA	KB	M	MA	P	PA	PB
	SC	SCD	SCJ																				
125	203	291	265.5	88	115	38	136	32	68	42.5	M27x2.0	54	41	13.5	27	M12x1.75	16	104	52	20	1/2	20	14
160	239	352	332	113	126	38	174	40	88	68	M36x2.0	72	55	18	36	M16x2.0	15	134	62	25	3/4	20	15
200	244	362	342	118	126	38	214	40	88	68	M36x2.0	72	55	18	36	M16x2.0	15	163	62	30	3/4	20	15
250	294	435	409	141	153	48	267	50	106	80	M42x2.0	84	65	21	46	M20x2.5	19.5	202	86	35	1	25.5	22

# 标准气缸(大缸径) Standard Air Cylinder (Large Bore Size) Series SC

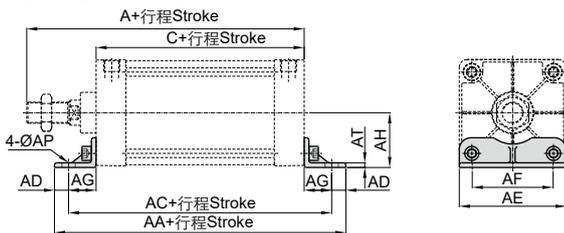
## 外形尺寸图 Dimensions (mm)

### 脚座Foot LB

Ø32~Ø100



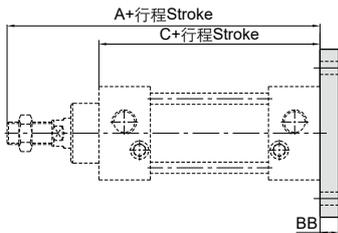
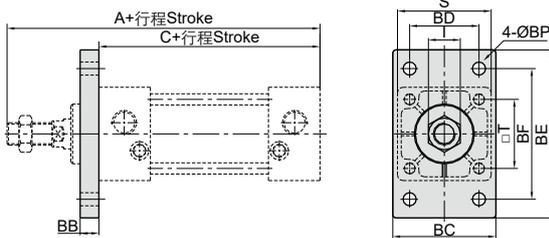
Ø125~Ø250



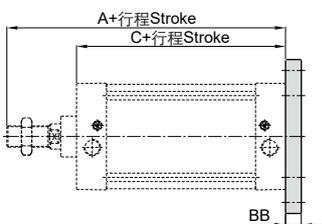
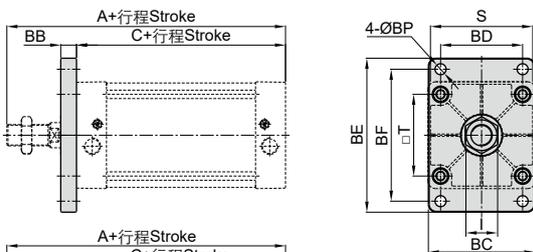
零件号 Part No.	缸径 Bore size	A	C	AA	AC	AD	AE	AF	AG	AH	AP	AT
F-SC32LB	32	140	93	153	134	9.5	50	33	20.5	28	9	3
F-SC40LB	40	142	93	169	140	14.5	57	36	23.5	30	12	3
F-SC50LB	50	150	93	173	149	12	68	47	28	36.5	12	3
F-SC63LB	63	153	96	184	158	13	80	56	31	41	12	3
F-SC80LB	80	182	107	199	167	16	97	70	30	49	14	4
F-SC100LB	100	188	113	209	173	18	112	84	30	57	14	4
F-SC125LB	125	203	115	221	185	18	136	104	35	70	17	6
F-SC160LB	160	239	126	246	206	20	174	134	40	91	17	8
F-SC200LB	200	244	126	276	226	25	214	163	50	113.5	22	9
F-SC250LB	250	294	153	323	273	25	267	201	60	141	26	15

### 法兰Flange FA/FB

Ø32~Ø100



Ø125~Ø250



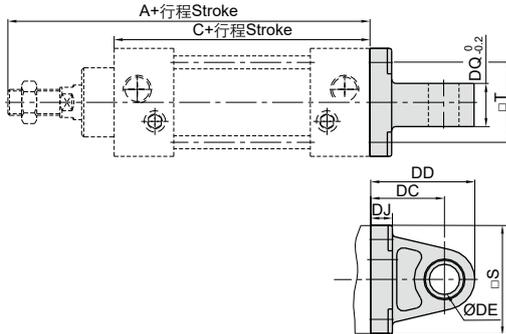
零件号 Part No.	缸径 Bore size	A	C	BB	BC	BD	BE	BF	BP	I	S	T
F-SC32FA	32	140	93	10	47	33	80	58	7	17	45	33
F-SC40FA	40	142	93	10	53	36	90	70	7	17	50	37
F-SC50FA	50	150	93	10	65	47	104	86	9	23	62	47
F-SC63FA	63	153	96	12	75	56	118	98	9	23	75	56
F-SC80FA	80	182	107	16	95	70	140	119	11	26	94	70
F-SC100FA	100	188	113	16	115	84	160	138	11	26	112	84
F-SC125FA	125	203	115	20	135	104	196	168	14	41	136	104
F-SC160FA	160	239	126	20	173	134	248	212	18	55	174	134
F-SC200FA	200	244	126	25	213	163	286	250	18	55	214	163
F-SC250FA	250	294	153	25	255	201	356	312	22	65	267	202

# 标准气缸(大缸径) Standard Air Cylinder (Large Bore Size) Series SC

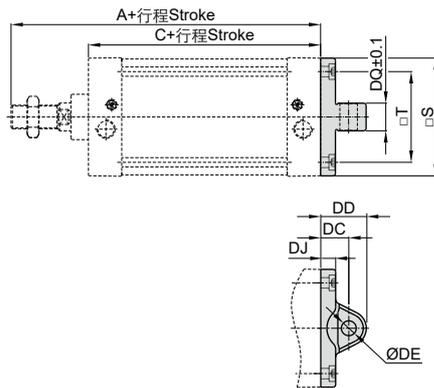
## 外形尺寸图 Dimensions (mm)

### 单U型钩Single clevis CA

Ø32~Ø100



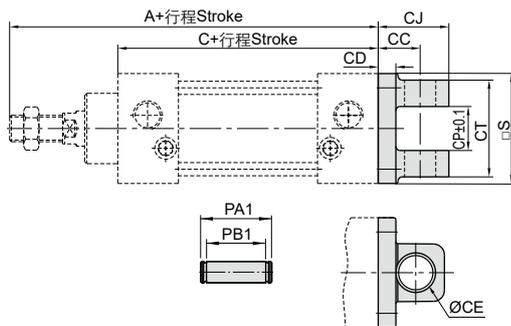
Ø125~Ø250



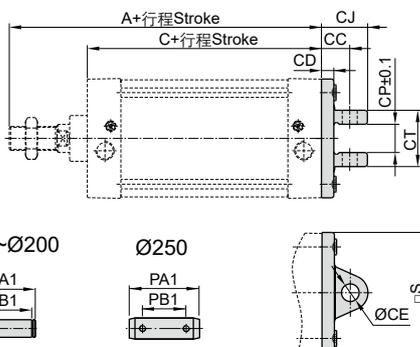
零件号 Part No.	缸径 Bore size	A	C	DC	DD	DE	DJ	DQ	S	T
F-SC32CA	32	140	93	34	44.5	12	9	16	45	33
F-SC40CA	40	142	93	34	44.5	14	9	20	49	37
F-SC50CA	50	150	93	34	46	14	10	20	61	47
F-SC63CA	63	153	96	34	46.5	14	10	20	74	56
F-SC80CA	80	182	107	48	64.5	20	14	32	93	70
F-SC100CA	100	188	113	48	65	20	14	32	111	84
F-SC125CA	125	203	115	32	52	20	17	31.7	135	104
F-SC160CA	160	239	126	40	68	28	19.5	39.7	173	134
F-SC200CA	200	244	126	60	90	28	23	39.7	213	163
F-SC250CA	250	294	153	70	106	36	24	49.7	255	202

### 双U型钩Double clevis CB

Ø32~Ø100



Ø125~Ø250



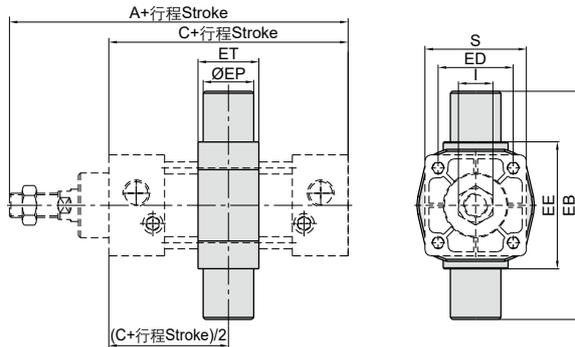
零件号 Part No.	缸径 Bore size	A	C	CC	CD	CE	CJ	CP	CT	PA1	PB1	S
F-SC32CB	32	140	93	19	9	12	29.5	16.3	32	39	32.8	45
F-SC40CB	40	142	93	19	9	14	30.5	20.3	44	51	44.8	49
F-SC50CB	50	150	93	19	10	14	31	20.3	52	59	52.8	61
F-SC63CB	63	153	96	19	10	14	31.5	20.3	52	59	52.8	74
F-SC80CB	80	182	107	32	14	20	48.5	32.3	64	73	64.8	93
F-SC100CB	100	188	113	32	14	20	49	32.3	64	73	64.8	111
F-SC125CB	125	203	115	32	14	20	52	32.1	64	73	64.8	135
F-SC160CB	160	239	126	40	15	28	68	40.1	80	90.2	80.8	173
F-SC200CB	200	244	126	60	23	28	90	40.1	80	90.2	80.8	213
F-SC250CB	250	294	153	70	24	36	106	50.1	100	130	108	255

# 标准气缸(大缸径) Standard Air Cylinder (Large Bore Size) Series SC

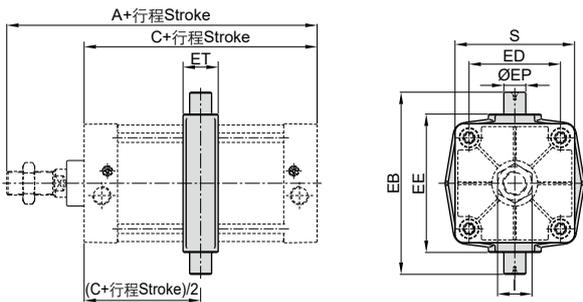
## 外形尺寸图 Dimensions (mm)

### 中央轴耳Center trunnion TC

Ø32~Ø100



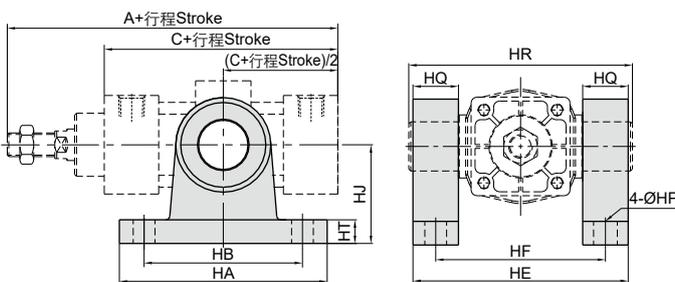
Ø125~Ø250



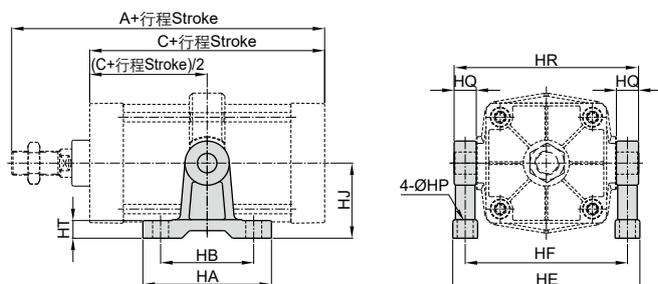
零件号 Part No.	缸径 Bore size	A	C	EB	ED	EE	EP	ET	I	S
F-SC32TC	32	140	93	87	33	55	16	22	17	45
F-SC40TC	40	142	93	113	37	63	25	28	17	50
F-SC50TC	50	150	93	126	47	76	25	28	23	62
F-SC63TC	63	153	96	138	56	88	25	30	23	75
F-SC80TC	80	182	107	164	70	114	25	32	26	94
F-SC100TC	100	188	113	182	84	132	25	38	26	112
F-SC125TC	125	203	115	208	104	158	25	40	41	136
F-SC160TC	160	239	126	272	134	200	36	46	55	174
F-SC200TC	200	244	126	318	163	246	36	46	55	214
F-SC250TC	250	294	153	394	202	304	45	56	65	267

### 轴耳支架Trunnion bracket TCM1

Ø32~Ø100



Ø125~Ø250



零件号 Part No.	缸径 Bore size	A	C	HA	HB	HE	HF	HP	HQ	HR	HT	HJ
F-SI40TCM1	32	140	93	100	75	90	71	12	16	87	11	54
F-SC40TCM1	40	142	93	103	80	109	86	11	23	113	12	50
F-SC40TCM1	50	150	93	103	80	122	99	11	23	126	12	50
F-SC40TCM1	63	153	96	103	80	134	111	11	23	138	12	50
F-SC80TCM1	80	182	107	110	85	160	137	13	23	164	12	70
F-SC80TCM1	100	188	113	110	85	178	155	13	23	182	12	70
F-SC125TCM1	125	203	115	145	105	211	183	18	25	208	20	85
F-SC160TCM1	160	239	126	185	140	272	236	22	36	272	25	130
F-SC160TCM1	200	244	126	185	140	318	282	22	36	318	25	130
F-SC250TCM1	250	294	153	215	165	394	349	26	45	394	28	160