

Standard Cylinder SC/SU Series



Order Code

SC/SU 50 x 50 - S - FA

Bore x Stroke

Magnet Code

Nil: Without magnet

S: With magnet

Series	
	SC
	SU
	SCD
	SCJ
	SCT
	SCW
	TDHA

Fixed Type	
	Nil: Basic
	CA: Rear cover fixed (Single-ear)
	CB: Rear cover fixed (Double-ear)
	FA: Front cover fixed (Front flange)
	FB: Rear cover fixed (Rear flange)
	LB: Foot bracket
	TC: Swing
	TC-M: Swing with foot base

Technical Specification

Bore Size(mm)	32	40	50	63	80	100
Acting Mode	Double Acting					
Working Media	Cleaned Air					
Working Pressure	0.1~0.9Mpa(1~9kgf/cm ²)					
Proof Pressure	1.35MPa(13.5kgf/cm ²)					
Working Temperature Range	-5~70℃					
Buffering Mode	Adjustable					
Buffering Distance(mm)	24			32		
Port Size	1/8	1/4			3/8	1/2
Body Material	Aluminum Alloy					

Selection Of Sensor Switch

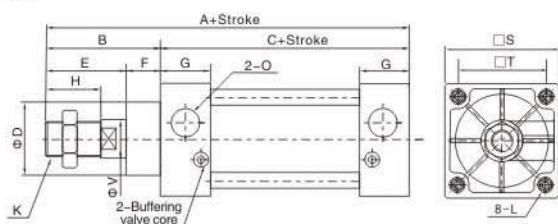
Mode	Bore Size	32	40	50	63	80	100	125	160
Sensor Switch		CS1-F		CS1-U					
Fixed Base Of Sensor Switch		F-50		F-63		F-100		F-125	F-160

Stroke Of Cylinder

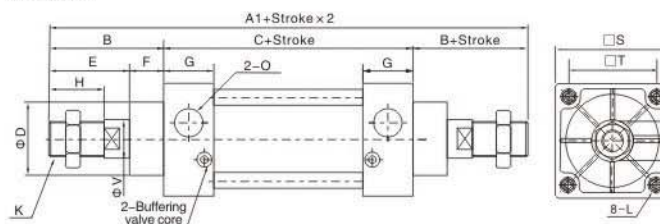
Bore Size (mm)	Standard Stroke(mm)										Max.Stroke (mm)	Allowable Stroke (mm)
32	25	50	75	100	125	150	175	200	250	300	1000	2000
40	25	50	75	100	125	150	175	200	250	300	1200	2000
50	25	50	75	100	125	150	175	200	250	300	1200	2000
63	25	50	75	100	125	150	175	200	250	300	1500	2000
80	25	50	75	100	125	150	175	200	250	300	1500	2000
100	25	50	75	100	125	150	175	200	250	300	1500	2000
125	25	50	75	100	125	150	175	200	250	300	1500	2000
160	25	50	75	100	125	150	175	200	250	300	1500	2000
200	25	50	75	100	125	150	175	200	250	300	1000	2000
250	25	50	75	100	125	150	175	200	250	300	1200	2000
320	25	50	75	100	125	150	175	200	250	300	1200	2000
400	25	50	75	100	125	150	175	200	250	300	1500	2000

Dimension

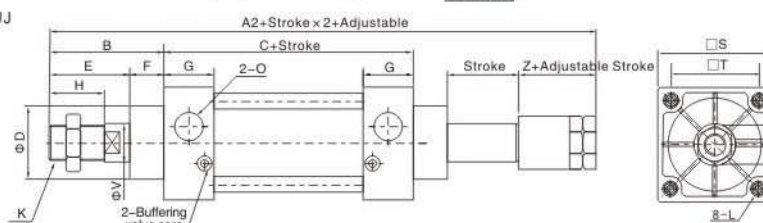
SC/SU



SCD/SUD



SCJ/SUJ



Bore Size(mm)	A	A1	A2	B	C	D	E	F	G	H	K	L	O	S	T	V
32	140	187	182	47	93	28	32	15	27.5	22	M10×1.25	M6×1	G1/8	45	33	12
40	142	191	185	49	93	32	34	15	27.5	24	M12×1.25	M6×1	G1/4	50	37	16
50	150	207	196	57	93	38	42	15	27.5	32	M16×1.5	M6×1	G1/4	62	47	20
63	153	210	199	57	96	38	42	15	27.5	32	M16×1.5	M8×1.25	G3/8	75	56	20
80	183	258	243	75	108	47	54	21	33	40	M20×1.5	M10×1.5	G3/8	94	70	25
100	189	264	249	75	114	47	54	21	33	40	M20×1.5	M10×1.5	G1/2	112	84	25
125	242	339	314	100	146	60	68	32	40	54	M27×2	M12	G1/2	140	110	32
160	323	480	441	152	171	70	99	53	45	72	M36×2	M16	G1/2	180	145*	40
200	338	-	-	154	184	75	99	55	50	72	M36×2	M16	G1/2	220	180	40
250	384	-	-	189	195	92	119	70	50	84	M42×2	M20	G3/4	280	225	50
320	431	-	-	221	210	110	136	85	55	96	M48×2	M24	G3/4	350	280	60
400	516	-	-	261	255	150	136	125	55	100	M56×4	M27	G1	435	350	90

*注: SU 160及铝制端盖160 T尺寸为140