

Standard cylinder SC/SU series



How to order

SC/SU	50×50	-	S	-	FA
Series	Bore×stroke		Built-in magnets Nil:without S:with		Mounting type Nil:basic type CA:single clevis type CB:double clevis type FA:front flange type FB:rear flange type LB:foot bracket type TC:center trunnion type TC-M:center trunnion type with foot
SC: double-acting type(pull rod)					
SU: double-acting type(built-in rod)					
SCD: double rod type					
SCJ:double rod type (one side adjustable)					



Applicable Auto switch

Type	Bore size	32	40	50	63	80	100	125	160
Auto switch		CS1-F		CS1-U					
Auto switch mounting base		F-50		F-63		F-100		F-125	F-160

Stroke

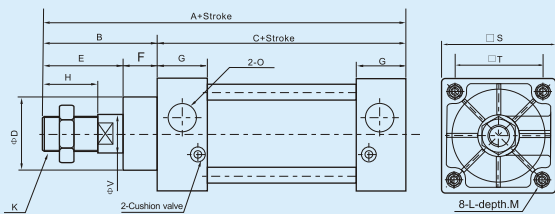
Bore size (mm)	Standard stroke(mm)	Maximum stroke(mm)	Allowable stroke(mm)
32	25 50 75 100 125 150 175 200 250 300 350 400 500	1000	2000
40	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800	1200	2000
50	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1200	2000
63	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1500	2000
80	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1500	2000
100	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1500	2000
125	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1500	2000
160	25 50 75 100 125 150 175 200 250 300 350 400 500 600 700 800 900 1000	1500	2000

Specification

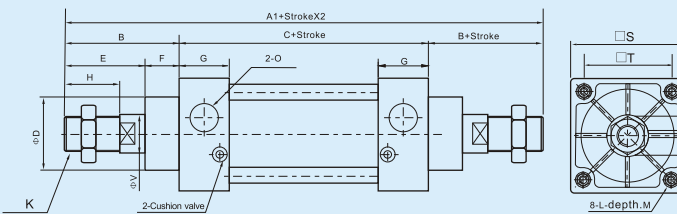
Bore size(mm)	32	40	50	63	80	100
Action	Double acting type					
Fluid	Air(filtered through 40 μ filter element)					
Operating pressure	0.1~0.9Mpa(1~9kgf/cm ²)					
Proof pressure	1.35MPa(13.5kgf/cm ²)					
Ambient & fluid temperature	-5~70°C					
Cushion	Air cushion					
Cushion stroke(mm)	24			32		
Port size	1/8 "	1/4 "		3/8 "		1/2 "
Body material	Aluminum alloy					

Dimension

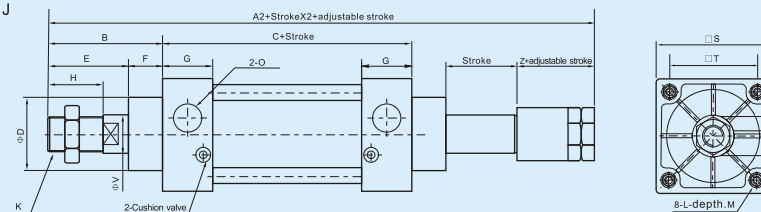
SC/SU



SCD/SUD



SCJ/SUJ



Bore size(mm)	A	A1	A2	B	C	D	E	F	G	H	K	K	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
53	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	M10×1.25	G3/8	94	70	25
100	189	264	249	75	114	47	54	21	33	40	M20×1.5	M10×1.25	G1/2	112	84	25
125	242	339	314	96	146	60	64	32	40	54	M27×2	M12	G1/2	140	110	32
160	328	480	441	152	176	70	99	53	45	72	M36×2	M16	G1/2	180	145	40
200	343	-	-	154	189	75	99	55	50	72	M36×2	M16	G1/2	220	180	40
250	384	-	-	189	195	95	119	70	50	84	M42×2	M20	G1/2	280	225	50
320	431	-	-	221	210	110	136	85	55	96	M48×2	M24	G3/4	350	280	60