

Standard Cylinder

Double Acting, Single Rod / Double Rod

Series SC, SCD, SCJ



◆ How to Order

SC 50 50 25 S LB

Mounting style

SC Series

Nil	LB	FA	FB	CA
CB	TC	TC-M		
Available only for $\Phi 40 - \Phi 100$				

SCD Series

Nil	LB	FA	TC	TC-M
Available only for $\Phi 40 - \Phi 100$				

SCJ Series

Nil	LB	FA	TC	TC-M
Available only for $\Phi 40 - \Phi 100$				

Magnet

Nil	Without magnet	S	Built-in magnet
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Adjustable stroke (Only for SCJ Series)

25	25mm	50	50mm	75	75mm
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Cylinder stroke

* Refer to "Standard stroke" .

Bore size (mm)

32	40	50	63	80	100
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Model

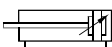
SC	Double acting, single rod	SCD	Double rod type
SCJ	Adjustable stroke type		



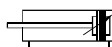
SC Series

Symbol

SC□-□



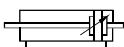
SC□-□-S



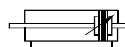
SCD Series

Symbol

SCD□-□



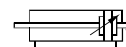
SCD□-□-S



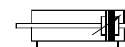
SCJ Series

Symbol

SCJ□-□-□



SCJ□-□-□-S



I

- CJP
- CJ1
- DNC
- DNCB
- DNG
- C95
- SI
- CS1
- MB
- SU
- SC
- DSNU
- C85
- CJ2
- CM2
- MA
- MAL
- ADVU
- CQ2
- CQS
- SDA
- CU
- DPZ
- CXS
- TN
- ADVUL
- CQM
- MGP
- MGG
- CRA1
- CY1B
- CS
- Auto switch
- D
- Auto switch
- AC,AD
- HR
- RB
- RBQ

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◆ Specifications

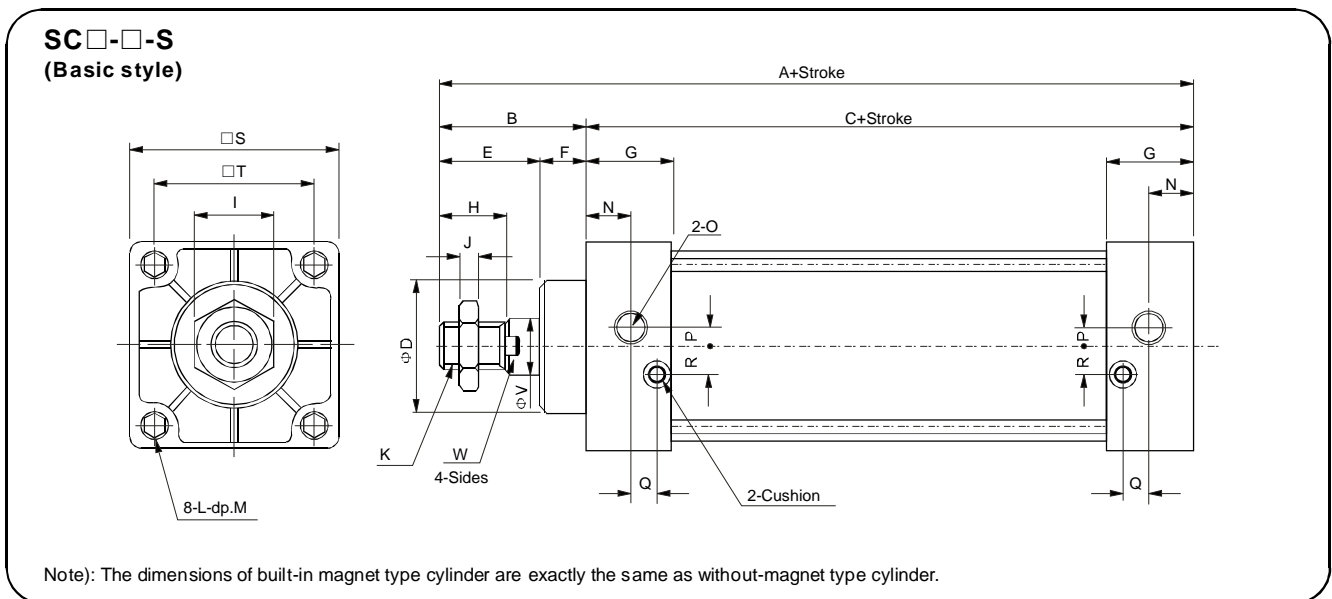
Bore size (mm)	32	40	50	63	80	100
Action	Double acting , single / double rod					
Fluid	Filtered compressed air					
Proof pressure	1.5 MPa					
Operating pressure range	0.1~0.9 MPa					
Ambient and fluid temperature	-5~70℃ (No freezing)					
Port size	G1/8	G1/4		G3/8		G1/2
Piston rod thread	M10×1.25	M12×1.25	M16×1.5		M20×1.5	
Cushion	Adjustable air cushion at both ends					

Note): Please contact with ANSSION for the mounting accessories.

◆ Standard Stroke

Series	Bore size (mm)	Standard stroke(mm)	Maximum stroke	Available stroke
SC	32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	1000	2000
	40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800	1200	2000
	50	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1200	2000
	63~100	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
SCD	32~63	25 50 75 80 100 125 150 160 175 200	200	300
SCJ	80~100	25 50 75 80 100 125 150 160 175 200 250 300	300	400

◆ Dimensions



Bore size (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W
32	140	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6×1.0	9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10
40	142	49	93	32	34	15	27.5	24	17	7	M12×1.25	M6×1.0	9.5	13.5	G1/4	6	8.2	9	50	37	16	14
50	150	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6×1.0	9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17
63	153	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17
80	182	75	107	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G3/8	10	9.5	14	94	70	25	22
100	188	75	113	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G1/2	11	9.5	14	112	84	25	22

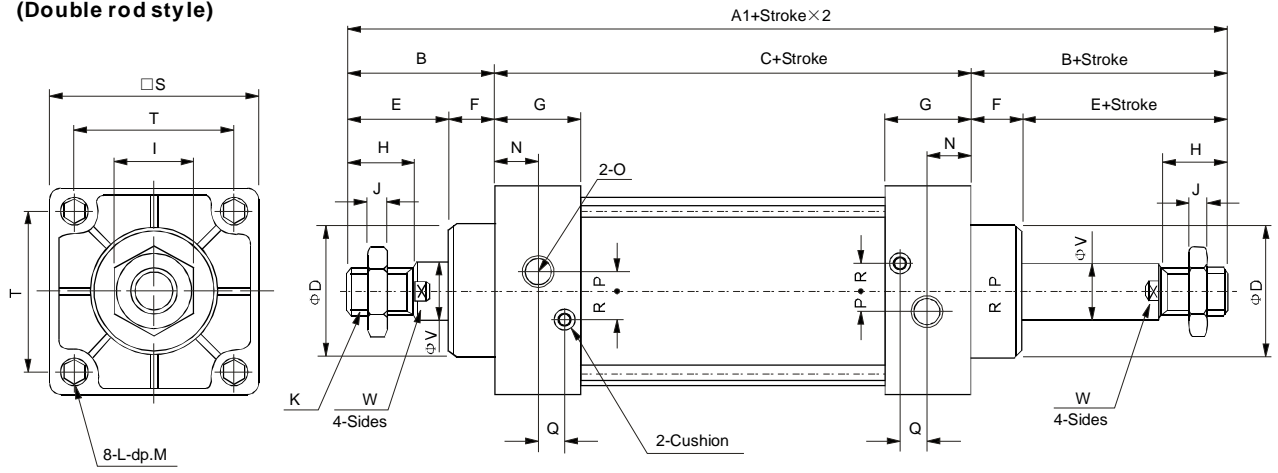
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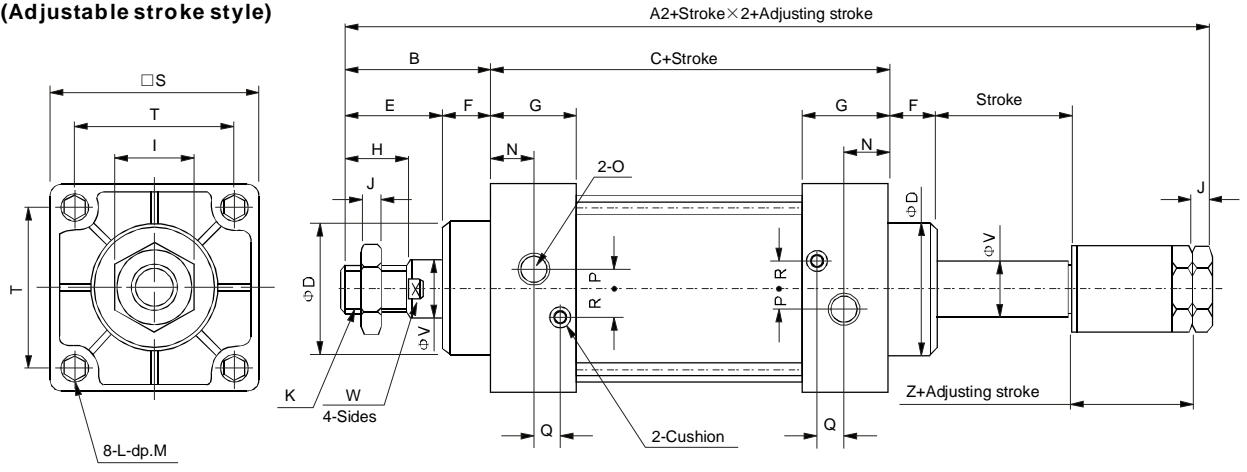
SCD□-□-S (Double rod style)



* The dimensions of built-in magnet type cylinder are exactly the same as without-magnet type cylinder.

Bore size (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W
32	187	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6×1.0	9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10
40	191	49	93	32	34	15	27.5	24	17	7	M12×1.25	M6×1.0	9.5	13.5	G1/4	6	8.2	9	50	37	16	14
50	207	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6×1.0	9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17
63	210	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17
80	257	75	107	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G3/8	10	9.5	14	94	70	25	22
100	263	75	113	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G1/2	11	9.5	14	112	84	25	22

SCJ□-□-□-S (Adjustable stroke style)



Note): The dimensions of built-in magnet type cylinder are exactly the same as without-magnet type cylinder.

Bore size (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W	Z
32	182	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6×1.0	9.5	13.7	G1/8	3.5	7.5	7	45	33	12	10	21
40	185	49	93	32	34	15	27.5	24	17	7	M12×1.25	M6×1.0	9.5	13.5	G1/4	6	8.2	9	50	37	16	14	21
50	196	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6×1.0	9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17	23
63	199	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8×1.25	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17	23
80	242	75	107	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G3/8	10	9.5	14	94	70	25	22	29
100	248	75	113	47	54	21	33	40	26	10	M20×1.5	M10×1.5	11.5	16.5	G1/2	11	9.5	14	112	84	25	22	29

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