



SC/SU Series Standard Cylinder

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Characteristics:

Free lubrication

Adapt the bearing with oil, lubrication is not required for the piston rod.

Cushion

Not only the fixed cushion, the adjustable cushion is also optional in the end of the cylinder, so that it will be calm when changing the directions.

Heat resistance performance

With anti-heat material, the working temperature of the cylinder could be up to 150℃

Multi Installation Method

Multi installation accessories are available

With magnet

A magnet is installed on the piston, by switching the button to check the operation position of the cylinder.

Order code for SC/SU Standard Cylinder



Symbol for SC/SU Standard Cylinder



Specifications for SC/SU Standard Cylinder

(mm) Bore	32	40	50	63	80	100	125	160	200
Action model	Double Action								
Working Fluid	Air								
Mounting Type	FA type FB type CA type CB type LB type TC type TC-M type								
Mpa Working Pressure MPa	0.1-0.9								
Mpa Proof Working MPa	1.35								
Working temperature ℃	-5~70 (with magnet -5~60)								
Mm/s Working speed range mm/s	50-800						50-500		
Cushion Type	Adjustable Cushion								
Mm Cushion Stroke mm	24				32				
Port Size	1/8 "	1/4 "	3/8 "	1/2 "	3/4 "				

Stroke for SC/SU Standard Cylinder

(mm) Bore	Standard Stroke															Max. Stroke	Stroke Tolerance					
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	900	1000	1200	2000
50	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1200	2000
63	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000
80	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000
100	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000
125	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000
160	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000
200	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	900	1000	1500	2000

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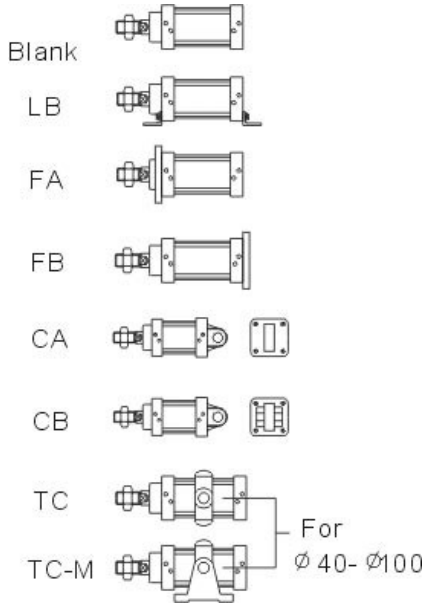
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How to order(Example)

A magnet is installed on the piston, by switching the button to check the operation position of the cylinder. How to order(Example)

- 1) Model of standard double action cylinder: SC-40X100-S-TC Bore: 40mm stroke: 100mm with magnet Mounting: TC style.
- 2) Model of standard double action cylinder: SC-36X100-S-LB Bore: 63mm stroke: 100mm with magnet Mounting: LB style.

Overall Dimension for SC/SU Standard Cylinder



Thread Demension for SC/SU Standard Cylinder

(mm) Bore	32	40	50	63	80	100	125	160	200	Bore (mm)	32	40	50	63	80	100	125	160	200
Cylinder tube	Aluminum alloy									LB bracket	Steel								
Piston	Aluminum alloy									FA bracket	Cast iron								
Piston rod	Steel(Industrial chrome plated)									FB bracket	Cast iron								
Rod packing	NBR									CA bracket	Cast iron								
Piston seal	NBR									CB bracket	Cast iron								
Cover Gasket	NBR									TC bracket	Cast iron								
Rod"O"ring	NBR									TC bracket	Cast iron								
Cushion packing	NBR									Bolt	Steel								
Cushion packing	NBR									Tie rod	Steel								
Bush	Oil impregnated bearing alloy									Tie nut	Steel								
Rod cover	Aluminum alloy									Wear ring	F4cu								
Head cover	Aluminum alloy									Cast brass needle	Copper								
magnet	Plastic magnet																		

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