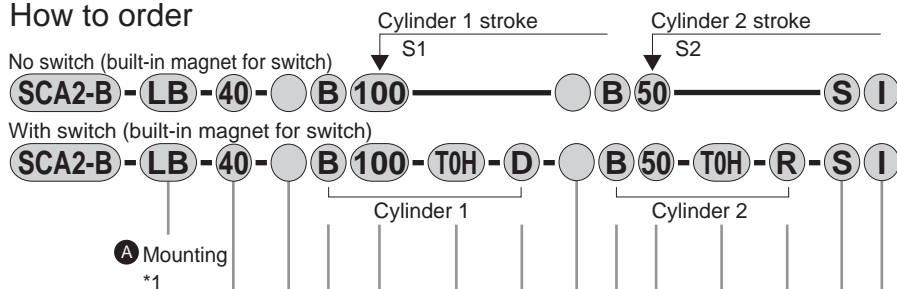


SCA2-B Series

How to order



Precautions for model No. selection

- *1 : Mounting bracket will be shipped with the product. (Trunnion are assembled at shipment.)
- *2 : If the stroke exceeds the max. stroke, refer to Ending Page 69.
- *3 : Refer to pages 548 and 549 for the min. stroke with switch.
- *4 : Switches are shipped with the product.
- *5 : When selecting TA, TD, TB or TE mounting, the switch quantity is limited to "H" (1 on head side) for TA and TD, and "R" (1 on rod side) for TB and TE.
- *6 : The instantaneous max. temperature is the temperature when sparks and cutting chips, etc., instantaneously contact the bellows.
- *7 : When selecting TA, TD, TB or TE mounting format, the cushion needle position is blank and fixed at S, with no options available.
- *8 : Refer to Ending Page 85 for custom specifications of rod end form.
- *9 : Refer to page 448 for combination of variations/options.
- *10 : Two sets are included for accessories I and Y.

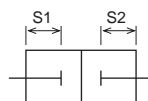
[Example of model No.]

SCA2-B-LB-40-B100-T0H-D-B50-T0H-R-SI

Model: Medium bore size cylinder, double acting/back to back

- A Mounting : Axial foot
- B Bore size : ø40 mm
- C Port thread : Rc thread
- D Cushion : Both sides cushioned
- E Stroke S1 : 100 mm
- F Switch model No. : Reed T0H switch, lead wire 1m
- G Switch quantity : 2
- C Port thread : Rc thread
- D Cushion : Both sides cushioned
- E Stroke S2 : 50 mm
- F Switch model No. : Reed T0H switch, lead wire 1m
- G Switch quantity : 1 on rod side
- H Option : Cushion needle position S
- I Accessory : Rod eye

1st stage stroke 100 mm indicated by S1
+ 2nd stage stroke 50 mm indicated by S2
Total stroke 150 mm S1 + S2



Code	Description
A Mounting	
00	Basic
LB	Axial foot
FA	Rod side flange
TA	Rod side trunnion
TB	Head side trunnion
TD	Rod side hole trunnion (ø40 is not available)
TE	Head side hole trunnion (ø40 is not available)

B Bore size (mm)	
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100

C Port thread	
Blank	Rc thread
N	NPT thread (made-to-order product)
G	G thread (made-to-order product)

D Cushion	
B	Both sides cushioned
R	Rod side cushioned
H	Head side cushioned
N	Without cushion

E Stroke (mm)		
Bore size	Stroke *3	Custom stroke
ø40	1 to 600	In 1 mm increments
ø50	1 to 600	
ø63	1 to 600	
ø80	1 to 700	
ø100	1 to 800	

F Switch model No.	
Refer to the switch model numbers on the next page.	
* Lead wire length	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

G Switch quantity	
R	1 on rod side
H	1 on head side
D	2
T	3

H Option			
		Max. ambient temp.	Instantaneous max. temp.
J	Bellows	100°C	200°C
L	Bellows	250°C	400°C
M	Piston rod material (stainless steel)		
Blank	Cushion needle position R (standard)		
S	Cushion needle position S		
T	Cushion needle position T		
P6	Copper and PTFE free (made-to-order product)		

I Accessory	
I	Rod eye
Y	Rod clevis (pin and snap ring included)
B4	Trunnion No. 2 bracket (2 pcs./set)

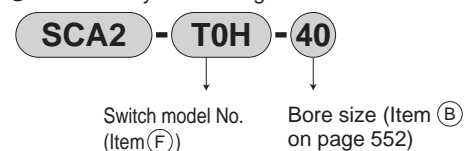
[F] Switch model No.

T-switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage		Indicator
			AC	DC	
T0H*	T0V*	Reed	●	●	1-color LED
T5H*	T5V*		●	●	No indicator lamp
T8H*	T8V*		●	●	1-color LED
T1H*	T1V*	Proximity	●		1-color LED
T2H*	T2V*			●	
T3H*	T3V*			●	
T2WH*	T2WV*			●	2-color LED
T2YH*	T2YV*			●	
T3WH*	T3WV*			●	
T3YH*	T3YV*			●	1-color LED
T3PH*	T3PV*			●	
T2YD*	-			●	2-color LED
T2YDT*	-			●	(AC magnetic field)
T2JH*	T2JV*			●	Off-delay

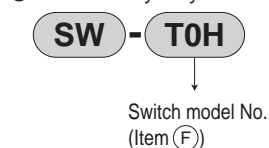
How to order switch

[T-switch]

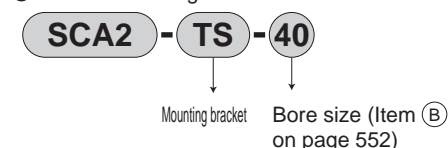
- Switch body + mounting bracket set



- Switch body only



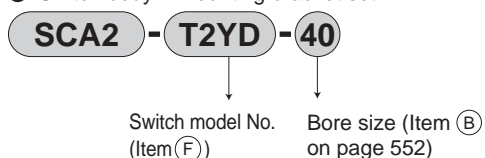
- Switch mounting bracket set



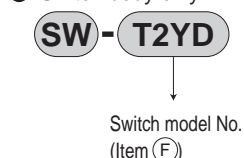
* Contact CKD when using an environment-friendly T-switch.

[T2YD switch]

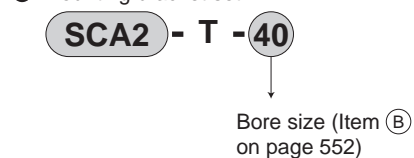
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set



How to order mounting bracket

Bore size (mm)		ø40	ø50	ø63	ø80	ø100
Mounting bracket						
Foot (LB)	*2	S1-LB-40	S1-LB-50	S1-LB-63	S1-LB-80	S1-LB-100
Flange (FA)		S1-FA-40	S1-FA-50	S1-FA-63	S1-FA-80	S1-FA-100

*1 : For material of the mounting bracket, refer to page 456.

*2 : The foot mounting bracket is provided as 2 pcs./set.

*3 : All mounting brackets are supplied with mounting bolts.

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVP/N2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK

Spd
Contr

Ending