

How to order

No switch (built-in magnet for switch)

SCA2-P - LB - 40 - B - 100 - 25 - S - I

With switch (built-in magnet for switch)

SCA2-P - LB - 40 - B - 100 - 25 - T0H - R - S - I

A Mounting
*1

B Bore size

C Port thread

D Cushion

E Stroke *2

F Adjustable
stroke range

G Switch model No.
*4

H Switch quantity
*5

I Option
*6
*7

J Accessory
*8

⚠ Precautions for model No. selection

- *1 : Mounting bracket will be shipped with the product. (The axial foot, head side flange and trunnion are assembled at shipment.)
- *2 : If the stroke exceeds the max. stroke, refer to Ending Page 69.
- *3 : Refer to pages 472 and 473 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, 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 : "I" and "Y" cannot be selected together.
- *9 : Refer to Ending Page 85 for custom specifications of rod end form.
- *10: Refer to page 448 for combinations of variations/ options.

[Example of model No.]

SCA2-P-LB-40B-100-25-T0H-R-SI

Model: Medium bore size cylinder, double acting/stroke adjustable (push)

- A Mounting : Axial foot
- B Bore size : ø40 mm
- C Port thread : Rc thread
- D Cushion : With two-sided air cushion
- E Stroke : 100 mm
- F Adjustable stroke range : 25 mm
- G Switch model No. : Reed T0H switch, lead wire length 1 m
- H Switch quantity : 1 on rod side
- I Option : Cushion needle position S
- J Accessory : Rod eye

Code	Description
A Mounting	
00	Basic
LB	Axial foot
FA	Rod side flange
FB	Head side flange
TC	Intermediate trunnion
TA	Rod side trunnion
TB	Head side trunnion
TF	Intermediate supporting hole trunnion (ø40 is not available)
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	25 to 600	In 1 mm increments
ø50	25 to 600	
ø63	25 to 600	
ø80	25 to 700	
ø100	25 to 800	

F Adjustable stroke range (mm)	
25, 50, 75, 100	

G 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)

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

I 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)		

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

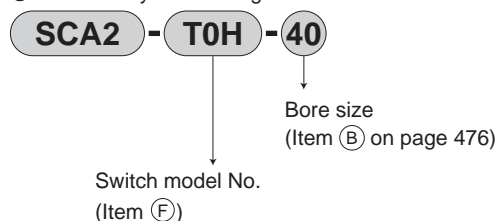
[F] Switch model No.

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*	-			●	
T2YDT*	-			●	2-color LED for AC magnetic field
T2JH*	T2JV*			●	1-color LED off-delay

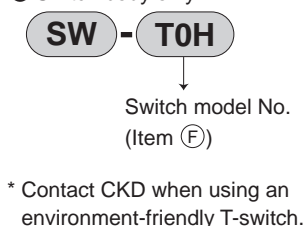
How to order switch

[T-switch]

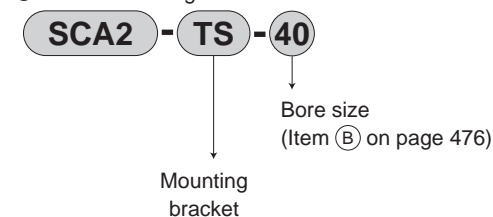
- Switch body + mounting bracket set



- Switch body only

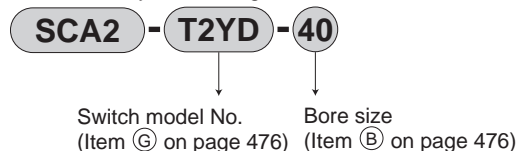


- Switch mounting bracket set

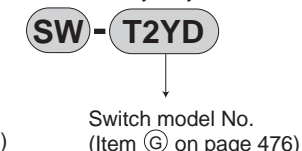


[T2YD switch]

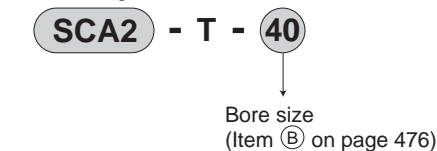
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set



How to order mounting bracket

Bore size (mm)	ø40	ø50	ø63	ø80	ø100
Mounting bracket					
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 : 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