

## How to order

No switch (built-in magnet for switch)

**SCA2-R - LB - 40 - B - 100 - 25 - S - I**

With switch (built-in magnet for switch)

**SCA2-R - 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 and trunnion are assembled at shipment.)
- \*2 : If the stroke exceeds the max. stroke, refer to Ending Page 74.
- \*3 : Refer to pages 480 and 481 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 or 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-R-LB-40B-100-25-T0H-R-S-I**

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

- A** Mounting : Axial foot
- B** Bore size : ø40 mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- 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
<b>A Mounting</b>	
<b>00</b>	Basic
<b>LB</b>	Axial foot
<b>FA</b>	Rod side flange
<b>TC</b>	Intermediate trunnion
<b>TA</b>	Rod side trunnion
<b>TB</b>	Head side trunnion
<b>TF</b>	Intermediate supporting hole trunnion (ø40 is not available)
<b>TD</b>	Rod side hole trunnion (ø40 is not available)
<b>TE</b>	Head side hole trunnion (ø40 is not available)

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

<b>C Port thread</b>	
<b>Blank</b>	Rc thread
<b>N</b>	NPT thread (made-to-order product)
<b>G</b>	G thread (made-to-order product)

<b>D Cushion</b>	
<b>B</b>	Both sides cushioned
<b>R</b>	Rod side cushioned
<b>H</b>	Head side cushioned
<b>N</b>	Without cushion

<b>E Stroke (mm)</b>		
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	

<b>F Adjustable stroke range (mm)</b>	
25, 50, 75, 100	

<b>G Switch model No.</b>	
Refer to the switch model numbers on the next page.	

<b>* Lead wire length</b>	
<b>Blank</b>	1 m (standard)
<b>3</b>	3 m (option)
<b>5</b>	5 m (option)

<b>H Switch quantity</b>	
<b>R</b>	1 on rod side
<b>H</b>	1 on head side
<b>D</b>	2
<b>T</b>	3

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

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

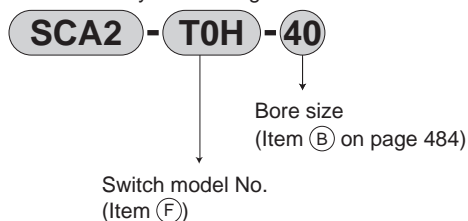
### [F] Switch model No.

T-switch model No.						
Axial lead wire	Radial lead wire	Contact	Voltage		Indicator	Lead wire
			AC	DC		
T0H*	T0V*	Reed	●	●	1-color LED	2-wire
T5H*	T5V*		●	●	No indicator lamp	
T8H*	T8V*		●	●	1-color LED	
T1H*	T1V*	Proximity	●		1-color LED	2-wire
T2H*	T2V*			●		3-wire
T3H*	T3V*			●	2-color LED	2-wire
T2WH*	T2WV*			●		3-wire
T2YH*	T2YV*			●		
T3WH*	T3WV*			●		2-wire
T3YH*	T3YV*			●		3-wire
T3PH*	T3PV*			●	1-color LED	3-wire
T2YD*	-			●	2-color LED	2-wire
T2YDT*	-			●	AC magnetic field	2-wire
T2JH*	T2JV*			●	1-color LED off-delay	2-wire

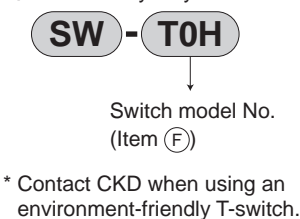
### How to order switch

#### [T-switch]

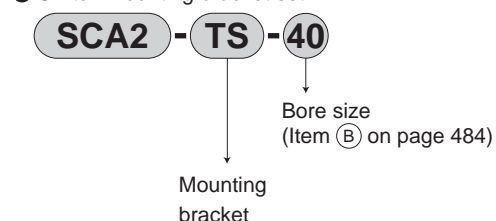
- Switch body + mounting bracket set



- Switch body only

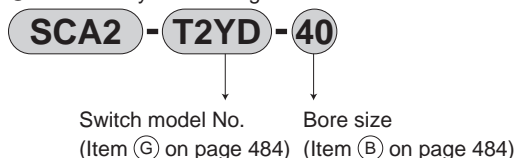


- Switch mounting bracket set

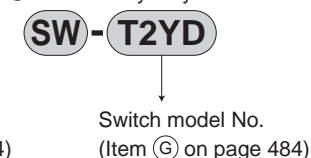


#### [T2YD switch]

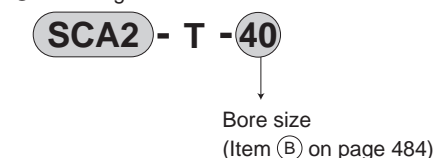
- Switch body + mounting bracket set



- 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