

# SCA2-T Series

## How to order

No switch (without magnet for switch)

**SCA2-T-LB-40-B-100-S-I**

With switch (built-in magnet for switch)

**SCA2-L2T-LB-40-B-150-E0-R-S-I**

**A** Mounting  
\*1

Heat resistance/ with  
switch

**B** Bore size

**C** Port thread

**D** Cushion

**E** Stroke  
\*2

**F** Switch model No.  
\*5

**G** Switch quantity

**H** Option  
\*6  
\*7

**I** Accessory  
\*8

## ⚠ Precautions for model No. selection

- \*1 : Mounting bracket will be shipped with the product.  
(Trunnion are assembled at shipment.)
- \*2 : If the type with switch is selected, 150 mm or less stroke cannot be selected.
- \*3 : Refer to page 488 for the min. stroke with switch.
- \*4 : If the stroke exceeds the max. stroke, refer to Ending Page 69.
- \*5 : Switches are shipped with the product.
- \*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-L2T-LB-40B-150-E0-R-S-I**

Model: Medium bore size cylinder, double acting/heat resistant

- A** Mounting : Axial foot
- B** Bore size : ø40 mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- E** Stroke : 150 mm
- F** Switch model No. : Reed E0 switch
- G** Switch quantity : 1 on rod side
- H** Option : Cushion needle position S
- I** 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>FB</b>	Head side flange
<b>FC</b>	Head side special flange
<b>CA</b>	Eye bracket
<b>CB</b>	Clevis bracket (pin and snap ring included)
<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	1 to 600	In 1 mm increments
ø50	1 to 600	
ø63	1 to 600	
ø80	1 to 700	
ø100	1 to 800	

<b>F Switch model No.</b>			
<b>E0</b>	Reed	1-color LED	2-wire

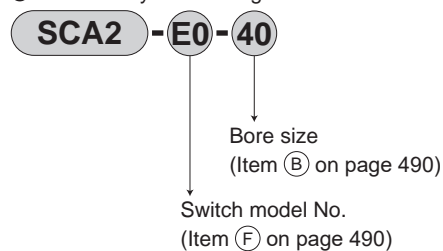
<b>G Switch quantity</b>	
<b>R</b>	1 on rod side
<b>H</b>	1 on head side
<b>D</b>	2
<b>T</b>	3

<b>H Option</b>			
		Max. ambient temp.	Instantaneous max. temp.
<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		

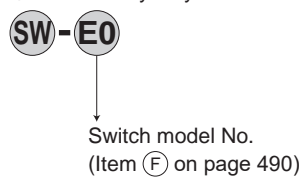
<b>I Accessory</b>	
<b>I</b>	Rod eye
<b>Y</b>	Rod clevis (pin and snap ring included)
<b>B1</b>	Eye bracket
<b>B2</b>	Clevis bracket (pin and snap ring included)
<b>B3</b>	Eye bracket
<b>B4</b>	Trunnion No. 2 bracket (2 pcs./set)

### How to order switch

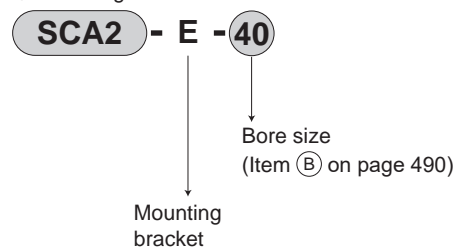
● Switch body + mounting bracket set



● Switch body only



● Mounting bracket set



### How to order mounting bracket

Bore size (mm)	ø40	ø50	ø63	ø80	ø100
Mounting bracket					
Foot (LB)	S1-LB-40	S1-LB-50	S1-LB-63	S1-LB-80	S1-LB-100
Flange (FA/FB)	S1-FA-40	S1-FA-50	S1-FA-63	S1-FA-80	S1-FA-100
Eye bracket (CA)	S1-CA-40	S1-CA-50	S1-CA-63	S1-CA-80	S1-CA-100
Clevis bracket (CB)	S1-CB-40	S1-CB-50	S1-CB-63	S1-CB-80	S1-CB-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