

# SCA2-U Series

## How to order

No switch (built-in magnet for switch)

SCA2-U — LB — 40 — N — 100 — M — I

With switch (built-in magnet for switch)

SCA2-U — LB — 40 — N — 100 — T0H — R — M — I

A Mounting  
\*1

Without cushion

B Bore size

C Port thread

D Stroke

## ⚠ Precautions for model No. selection

\*1 : Mounting bracket will be shipped with the product.  
(Trunnion are assembled at shipment.)

\*2 : Refer to pages 534 and 535 for the min. stroke with switch.

\*3 : Switches are shipped with the product.

\*4 : 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.

\*5 : "I" and "Y" cannot be selected together.

\*6 : Refer to Ending Page 85 for custom specifications of rod end form.

\*7 : Refer to page 448 for combinations of variations/options.

[Example of model No.]

**SCA2-U-LB-40N-100-T0H-R-MI**

Model: Medium bore size cylinder, double acting/low friction

A Mounting : Axial foot

B Bore size : ø40 mm

C Port thread : Rc thread

D Stroke : 100 mm

E Switch model No. : Reed T0H switch, lead wire length 1 m

F Switch quantity : 1 on rod side

G Option : Piston rod material change (stainless steel)

H Accessory : Rod eye

Code	Description
<b>A Mounting</b>	
00	Basic
LB	Axial foot
FA	Rod side flange
FB	Head side flange
FC	Head side special flange
CA	Eye bracket
CB	Clevis bracket (pin and snap ring included)
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>B Bore size (mm)</b>	
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100

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

<b>D Stroke (mm)</b>		
Bore size	Stroke *2	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>E Switch model No.</b>	
Refer to the switch model numbers on the next page.	
<b>* Lead wire length</b>	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

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

<b>G Option</b>	
M	Piston rod material (stainless steel)

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

G Option

H Accessory  
\*5

E Switch model No.  
\*3

F Switch quantity  
\*4

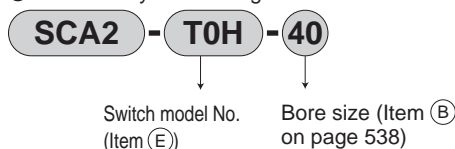
### [E] Switch model number

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*		●	●		3-wire
T3YH*	T3YV*		●	●		
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

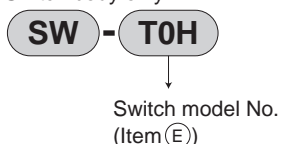
### How to order switch

#### [T-switch]

- Switch body + mounting bracket set

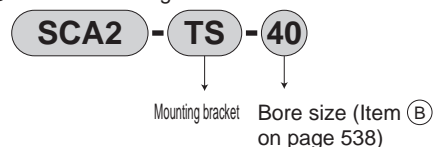


- Switch body only



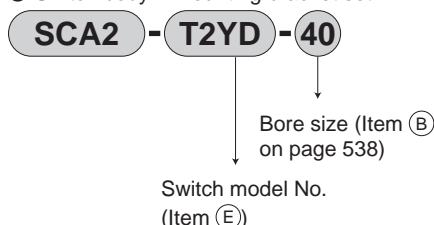
\* Contact CKD when using an environment-friendly T-switch.

- Switch mounting bracket set

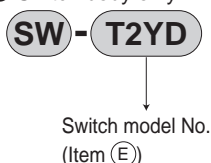


#### [T2YD switch]

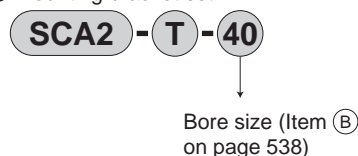
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set



### How to order mounting bracket

Bore size (mm)		ø40	ø50	ø63	ø80	ø100
Mounting bracket						
Foot (LB)	*2	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