

SCA2-Q2 Series

How to order

No switch (built-in magnet for switch)

SCA2-Q2-LB-40-B-100-H-S-I

With switch (built-in magnet for switch)

SCA2-Q2-LB-40-B-100-H-T0H-R-S-I

A Mounting
*1

B Bore size

C Port thread

D Cushion

E Stroke
*2

F Position locking mechanism

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. (Trunnion are assembled at shipment.)
TA mounting with R position locking mechanism is not available.
TB mounting with H position locking mechanism is not available.
- *2 : If the stroke exceeds the max. stroke, refer to Ending Page 69.
- *3 : Refer to pages 494 and 495 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 : Only non-locking manual override unless "M0" or "M1" of **I** option is selected. Release bolt is not included.
- *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-Q2-LB-40B-100-H-T0H-R-S-I

Model: Medium bore size cylinder, position locking

- A** Mounting : Axial foot
- B** Bore size : ø40 mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- E** Stroke : 100 mm
- F** Position locking mechanism : With head side position locking
- 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
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 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	5 to 600	In 1 mm increments
ø50	5 to 600	
ø63	5 to 600	
ø80	5 to 700	
ø100	5 to 800	

F Position locking mechanism	
H	With head side position locking
R	With rod side position locking

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	
M	Piston rod material (stainless steel)
S	Cushion needle position S
M0	Non-locking manual override (with release bolt)
M1	Locking manual override

J Accessory	
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)

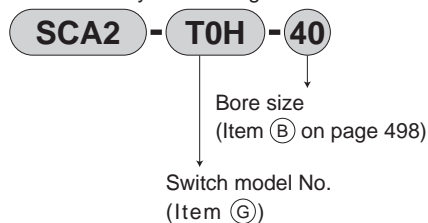
[G] Switch model No.

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

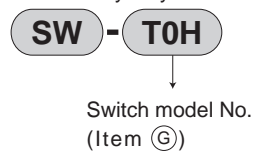
How to order switch

[T-switch]

- Switch body + mounting bracket set

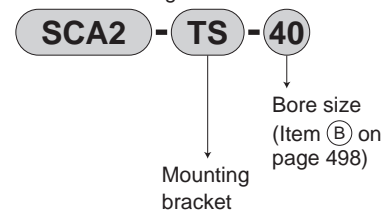


- Switch body only



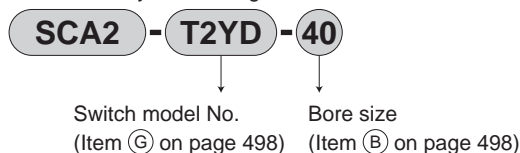
* Contact CKD when using an environment-friendly T-switch.

- Switch mounting bracket set

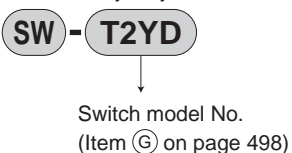


[T2YD switch]

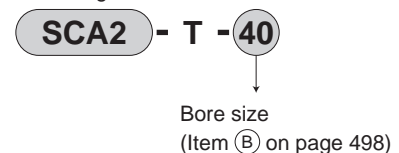
- Switch body + mounting bracket set



- 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