

How to order

No switch (built-in magnet for switch)

SCA2-O - **LB** - **40** - **N** - **100** - **M** - **I**

With switch (built-in magnet for switch)

SCA2-O - **LB** - **40** - **N** - **100** - **T0H** - **R** - **M** - **I**

A Mounting

*1

B Bore size

C Port thread

D Cushion

E Stroke *2

F Switch model No.

*4

G Switch quantity

*5

H Option

I Accessory

*6

⚠ Precautions for model No. selection

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

*2 : If the stroke exceeds the max. stroke, refer to Ending Page 69.

*3 : Refer to pages 526 and 527 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 : "I" and "Y" cannot be selected together.

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

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

[Example of model No.]

SCA2-O-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** Cushion : Without cushion
- E** Stroke : 100 mm
- F** Switch model No. : Reed T0H switch, lead wire length 1 m
- G** Switch quantity : 1 on rod side
- H** Option : Piston rod material change (stainless steel)
- I** 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		
N	Without cushion	
E Stroke (mm)		
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	
F 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)	
G Switch quantity		
R	1 on rod side	
H	1 on head side	
D	2	
T	3	
H Option		
M	Piston rod material (stainless steel)	
P6	Copper and PTFE free (made-to-order product)	
I 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)	

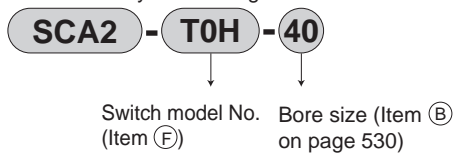
[F] Switch model No.

T-switch model No.						
Lead wire Straight	Lead wire L-shaped	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

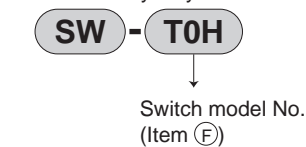
How to order switch

[T-switch]

- Switch body + mounting bracket set

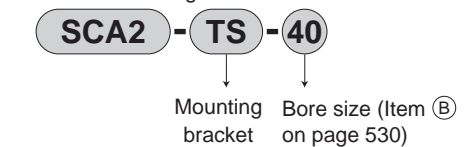


- Switch body only



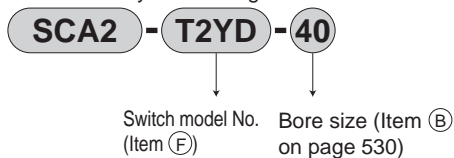
* Contact CKD when using an environment-friendly T-switch.

- Switch mounting bracket set

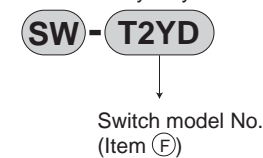


[T2YD switch]

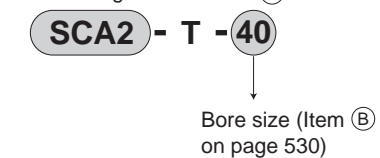
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set ⑥



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