

How to order

No switch (built-in magnet for switch)

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

With switch (built-in magnet for switch)

SCA2-D - **LB** - **40** - **B** - **100** - **T0H** - **R** - **S** - **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
*6
*7

I Accessory
*10

⚠ 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 540 and 541 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 and fixed at S, with no options available.

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

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

*10 : Two sets are included for accessories I and Y.

[Example of model No.]

SCA2-D-LB-40B-100-T0H-R-SI

Model: Medium bore size cylinder, double acting/double rod

- A** Mounting : Axial foot
- B** Bore size : ø40 mm
- C** Port thread : Rc thread
- D** Cushion : Both sides cushioned
- 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 : Cushion needle position S
- I** Accessory : Rod eye

Code	Description		
A Mounting			
00	Basic		
LB	Axial foot		
FA	Rod side flange		
FB	Head side flange		
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	Available stroke	Custom stroke
ø40	1 to 600	800	In 1 mm increments
ø50	1 to 600	800	
ø63	1 to 600	800	
ø80	1 to 700	800	
ø100	1 to 800	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			
		Max. ambient temp.	Instantaneous max. temp.
J	Bellows	100°C	200°C
L	Bellows	250°C	400°C
M	Piston rod material (stainless steel)		
Blank	Cushion needle position R (standard)		
S	Cushion needle position S		
T	Cushion needle position T		
P6	Copper and PTFE free (made-to-order product)		
I Accessory			
I	Rod eye		
Y	Rod clevis (pin and snap ring included)		
B4	Trunnion No. 2 bracket (2 pcs./set)		

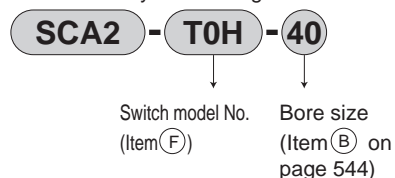
[F] Switch model No.

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

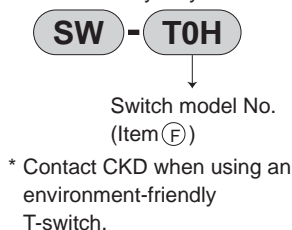
How to order switch

[T-switch]

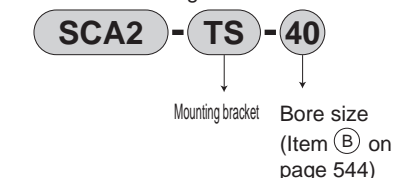
- Switch body + mounting bracket set



- Switch body only

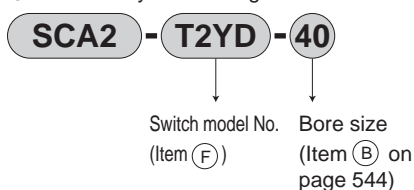


- Switch mounting bracket set

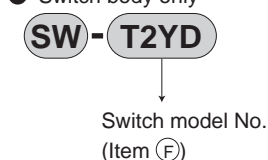


[T2YD switch]

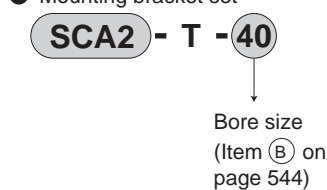
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set



How to order mounting bracket

Bore size (mm)	ø40	ø50	ø63	ø80	ø100
Mounting bracket					
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

*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