

SCA2-G2/G3 Series

How to order

No switch (built-in magnet for switch)

SCA2-G2-LB-50-B-75-S-Y

With switch (built-in magnet for switch)

SCA2-G2-LB-50-B-75-T2YLH-R-S-Y

A Degree of protection level

B Mounting
*1

G Switch model No.
*4

* indicates the lead wire length.

H Switch quantity
*5

I Option
*6

J Accessory
*7

C Bore size

D Port thread

E Cushion

F Stroke *2

⚠ 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 page 584 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 : When selecting TA, TD, TB or TE mounting format, the cushion needle position is blank and fixed at S, with no options available.

*7 : "I" and "Y" cannot be selected together.

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

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

[Example of model No.]

SCA2-G2-LB-50B-75-T2YLH-R-SI

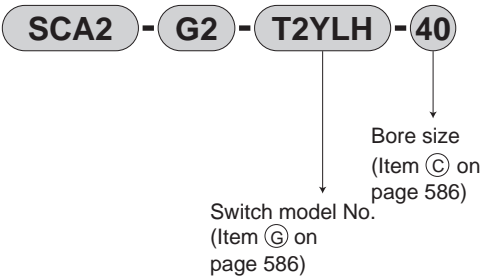
Model: Medium bore size cylinder

A	Degree of protection level	: Coolant proof scraper + packing NBR
B	Mounting	: Axial foot
C	Bore size	: ø50 mm
D	Port thread	: Rc thread
E	Cushion	: Both sides cushioned
F	Stroke	: 75 mm
G	Switch model No.	: Proximity switch T2YLH, lead wire 1 m
H	Switch quantity	: 1 on rod side
I	Option	: Cushion needle position change
J	Accessory	: Rod eye

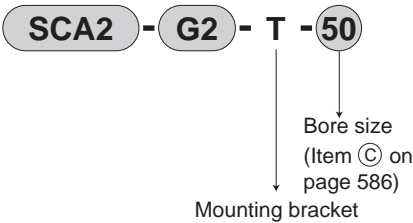
Code	Description					
A Degree of protection level						
G2	Coolant proof scraper + packing NBR					
G3	Coolant proof scraper + packing FKM					
B Mounting						
00	Basic					
LB	Axial foot (Both sides)					
FA	Rod side flange					
FB	Head side flange					
FC	Head side special flange					
CA	Eye bracket					
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)					
C Bore size (mm)						
40	ø40					
50	ø50					
63	ø63					
80	ø80					
100	ø100					
D Port thread						
Blank	Rc thread					
N	NPT thread (made-to-order product)					
G	G thread (made-to-order product)					
E Cushion						
B	Both sides cushioned					
R	Rod side cushioned					
H	Head side cushioned					
N	Without cushion					
F Stroke (mm)						
Bore size	Stroke *3	Available stroke	Custom stroke			
ø40	1 to 600	1600	In 1 mm increments			
ø50	1 to 600	2000				
ø63	1 to 600	2500				
ø80	1 to 700	2500				
ø100	1 to 800	2500				
G Switch model No.						
Axial lead wire	Radial lead wire	Contact	Voltage	Indicator	Lead wire	
			AC			DC
T2YLH*	T2YLV*	Proximity		●	2-color LED	2-wire
T3YLH*	T3YLV*			●		3-wire
* 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						
Blank	Cushion needle position change R (standard)					
S	Cushion needle position change S					
T	Cushion needle position change T					
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)					

How to order switch

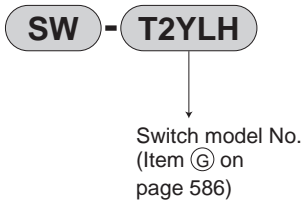
● Switch body + mounting bracket set



● Mounting bracket set



● Switch body only



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