

How to order

No switch (built-in magnet for switch)

SCG - **G2** - **LB** - **40** - **B** - **100** - **Y**

With switch (built-in magnet for switch)

SCG - **G2** - **LB** - **40** - **B** - **100** - **T2H** - **R** - **Y**

A Degree of protection level

B Mounting
*1

C Bore size

D Port thread

E Cushion

F Stroke

G Switch model No.

H Switch quantity
*3

I Accessory
*4

⚠ Precautions for model No. selection

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

*2 : Refer to page 424 for the min. stroke with switch.

*3 : When selecting TA or TB as mounting, the number of switches is limited to "H" (1 on head side) for TA, and "R" (1 on rod side) for TB.

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

[Example of model No.]

SCG-G2-LB-40B-100-T2H-D-I

Model: Tie rod cylinder, double acting/coolant proof

A Degree of protection level : Coolant proof scraper + packing NBR

B Mounting : Axial foot

C Bore size : ø40 mm

D Port thread : Rc thread

E Cushion : With two-sided air cushion

F Stroke : 100 mm

G Switch model No. : Proximity T2H switch, lead wire 1 m

H Switch quantity : 2

I Accessory : Rod eye (included product)

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
FA	Rod side flange
FB	Head side flange
CA	Eye bracket
CB	Clevis bracket (pin and split pin included)
TA	Rod side trunnion
TB	Head side trunnion
TC	Intermediate trunnion

C Bore size (mm)	
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100
Note: Contact CKD for availability of ø32.	

D Port thread	
Blank	Rc thread
N	NPT thread (made-to-order product)
G	G thread (made-to-order product)

E Cushion	
B	Two-sided air cushion (basic)
Note: Contact CKD for availability of the type with rubber cushion.	

F Stroke (mm)			
Bore size	Stroke *2	Available stroke	Custom stroke
ø40	1 to 600	800	In 1 mm increments
ø50		1200	
ø63			
ø80	1 to 700	1400	
ø100	1 to 800	1500	

G Switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage AC DC	Indicator	Lead wire
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 Accessory	
I	Rod eye
Y	Rod clevis (pin and split pin included)
B1	Eye bracket
B2	Clevis bracket (pin and split pin included)
B3	Eye bracket
B4	Trunnion No. 2 bracket (2 pcs./set)

How to order switch

● Switch body + mounting bracket set

SCG - T2YLH - 40

Switch model No.
(Item ㉔ on page 426)

Bore size
(Item ㉔ on page 426)

● Switch body only

SW - T2YLH

Switch model No.
(Item ㉔ on page 426)

Note: Contact CKD when using
an environment-friendly
T-switch.

● Switch mounting bracket set

SCG-G2 - T - 40

Mounting
bracket

Bore size
(Item ㉔ on page 426)

How to order mounting bracket

Bore size (mm)	ø40	ø50	ø63	ø80	ø100
Mounting bracket					
Foot (LB)	SCG-LB-40	SCG-LB-50	SCG-LB-63	SCG-LB-80	SCG-LB-100
Flange (FA) (FB)	SCG-FA-40	SCG-FA-50	SCG-FA-63	SCG-FA-80	SCG-FA-100
Eye bracket (CA)	SCG-CA-40	SCG-CA-50	SCG-CA-63	SCG-CA-80	SCG-CA-100
Clevis bracket (CB)	SCG-CB-40	SCG-CB-50	SCG-CB-63	SCG-CB-80	SCG-CB-100

Note: The foot mounting bracket (LB) is provided as 2 pcs./set.
Note: 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