

SCG-G4 Series

How to order

No switch (built-in magnet for switch)

SCG-G4-LB-40-B-100-M-I

With switch (built-in magnet for switch)

SCG-G4-LB-40-B-100-T2YD-R-M-I

Model No.

A Mounting
*1

B Bore size

C Port thread

D Cushion

E Stroke

F Switch model No.

G Switch quantity
*3

H Option

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 430 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-G4-LB-40B-100-T2YD-D-MI

Model: Tie rod cylinder Double acting/anti-spatter adherence

- A** Mounting : Axial foot
- B** Bore size : ø40 mm
- C** Port thread : Rc thread
- D** Cushion : With two-sided air cushion
- E** Stroke : 100 mm
- F** Switch model No. : Proximity T2YD switch, lead wire 1 m
- G** Switch quantity : 2
- H** Option : Piston rod material (stainless steel)
- I** Accessory : Rod eye (included product)

Code	Description		
A 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		
B Bore size (mm)			
32	ø32		
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	Two-sided air cushion (basic)		
D	Two-sided rubber cushion		
Note: The rubber cushion has a longer total length than the air cushion.			
E Stroke (mm)			
Bore size	Stroke *2	Available stroke	Custom stroke
ø32	1 to 600	700	In 1 mm increments
ø40		800	
ø50		1200	
ø63			
ø80	1 to 700	1400	
ø100	1 to 800	1500	
F Switch model No.			
Lead wire	Contact	Indicator	Lead wire
T2YD*	Proximity	2-color LED	2-wire
T2YDT*		AC magnetic field	
* 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)		
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 - T2YD - 40

Switch model No.

(Item **F**) on page 432)

Bore size

(Item **B**) on page 432)

- Switch body only

SW - T2YD

Switch model No.

(Item **F**) on page 432)

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

- Switch mounting bracket set

SCG - T - 40

Mounting bracket

Bore size

(Item **B**) on page 432)

How to order mounting bracket

Bore size (mm)	ø32	ø40	ø50	ø63	ø80	ø100
Mounting bracket						
Foot (LB)	SCG-LB-32	SCG-LB-40	SCG-LB-50	SCG-LB-63	SCG-LB-80	SCG-LB-100
Flange (FA) (FB)	SCG-FA-32	SCG-FA-40	SCG-FA-50	SCG-FA-63	SCG-FA-80	SCG-FA-100
Eye bracket (CA)	SCG-CA-32	SCG-CA-40	SCG-CA-50	SCG-CA-63	SCG-CA-80	SCG-CA-100
Clevis bracket (CB)	SCG-CB-32	SCG-CB-40	SCG-CB-50	SCG-CB-63	SCG-CB-80	SCG-CB-100

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

*2: 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