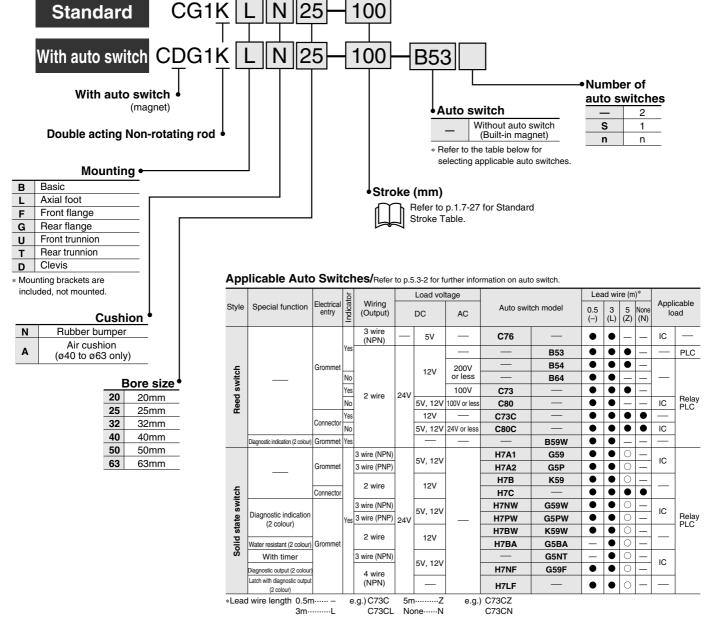
Non-rotating Rod: Double Acting

Series CG1K

ø20, ø25, ø32, ø40, ø50, ø63

How to Order



*Solid state switches marked with "O" are manufactured upon receipt of order.

Mounting Bracket Part No.

Mounting	Bore size (mm)						
bracket	20	25	32	40	50	63	
Axial foot*	CG-L020	CG-L025	CG-L032	CG-L040	CG-L050	CG-L063	
Flange	CG-F020	CG-F025	CG-F032	CG-F040	CG-F050	CG-F063	
Trunnion pin	CG-T020	CG-T025	CG-T032	CG-T040	CG-T050	CG-T063	
Clevis**	CG-D020	CG-D025	CG-D032	CG-D040	CG-D050	CG-D063	
Pivot bracket	CG-020-24A	CG-025-24A	CG-032-24A	CG-040-24A	CG-050-24A	CG-063-24A	

* Order two foot brackets per a cylinder.

** Mounting bolts are attached for foot a

Auto Switch Mounting Bracket Part No.

Auto switch		Bore size (mm)						
model	20	25	32	40	50	63		
D-C7·C8	BMA2 020	DMA2 025	BMA2-032	DMA2 040	DMA2 050	DMA2 062		
D-H7	DIVIAZ-UZU	DIVIAZ-UZS	DIVIAZ-U3Z	DIVIAZ-040	DIVIAZ-030	DIVIAZ-003		
D-B5·B6	BA-01	BA-02	BA-32	BA-04	BA-05	BA-06		
D-G5·K5	DA-UI	DA-02	DA-32	DA-04	DA-03	DA-00		

Note) A set of following stainless steel mounting screws is attached.

(A switch mounting band is not attached. Please order the band separately.) BBA3: D-B5/B6/G5 types

BBA4: D-C7/C8/H7 types

^{**} Mounting bolts are attached for foot and flange styles, and clevis pins, snap rings and mounting bolts for the clevis style.

[&]quot;D-G5BAL" and "D-H7BAL"switches are set on the cylinder with the screws above when shipped.

When a switch only is shipped, "BBA3" or "BBA4" screws are attached.

Non-rotating Rod: Double Acting Series CG1K

High non-rotating accuracy

ø20, ø25	±1°
ø32 ———	±0.8°
ø40 to ø63	+0.5°

High speed operation/Long life

Piston speed is between 50 and 500mm/s and long life is expected.

Can operate without lubrication.

The same installation dimensions as the standard cylinder.

Auto switches can also be mounted.

It can be installed with auto switches to simplify the detection of the stroke position of the cylinder.



JIS symbol





Made to Order

Refer to p.5.4-1 for made to order products of series CG1K.

With auto switch

Auto switches can be mounted. Mounting position/height is the same as the double acting/single rod style. Refer to p.1.7-13.

Specifications

-p							
Bore size (mm)	20	25	32	40	50	63	
Action	Double acting/Single rod						
Lubrication	Non-lube						
Fluid	Air						
Proof pressure			1.5N	ЛРа			
Max. operating pressure	1.0MPa						
Min. operating pressure	0.05MPa						
A male is not a med fluid to make a mature	Without auto switch: -10°C to +70°C (No freezing)						
Ambient and fluid temperature	With auto switch: -10°C to +60°C (No freezing)						
Piston speed	50 to 500mm/s						
Thread tolerance	JIS class 2						
Stroke tolerance	Up to 600 ^{+1.4} mm						
Cushion	Rubber bumper, Air cushion (ø40 to ø63 on		y)				
Rod non-rotating accuracy	±	1°	±0.8°		±0.5°		
Mounting	Basic, Axial foot, Front flange, Rear flange, Front trunnion, Rear trunnion, Clevis (Used for changing the port location by 90° degrees.)						

Accessories

Mounting		Basic	Axial foot	Front flange	Rear flange	Front trunnion	Rear trunnion	Clevis
0, 1, 1	Rod end nut	•	•	•	•	•	•	•
Standard	Clevis pin	-	1	_	_	_	_	•
	Single knuckle joint	•	•	•	•	•	•	•
Option	Double knuckle joint* (with pins)	•	•	•	•	•	•	•
	Pivot bracket	_	-	_	_	•	•	•

 $[\]ast$ Pins and snap rings for double knuckle joint are attached, not mounted.

Stroke

Bore size (mm)	Standard stroke (1) (mm)	Long stroke (mm)		
20	25, 50, 75, 100, 125, 150, 200	_		
25	25, 50, 75, 100, 125, 150, 200, 250, 300	_		
32		_		
40		301 to 500		
50/63		301 to 600		



Note 1) Other intermediate strokes can be manufactured upon receipt of order. Spacers are not used for the intermediate strokes.

Note 2) The maximum limit is 1500 stroke, but the products that exceed the standard or the long stroke limit are not guaranteed.

CJ1

CJP

CJ2

CM2 C85

C76

CG1

МВ

INID

MB1 CP95

C95

C92

CA1

CS1