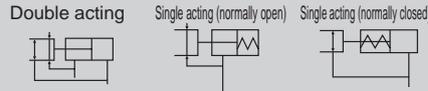


3-way jaw bearing chuck Double acting/single acting

CKG-FP1 Series

● Operating stroke length: 6, 8, 11, 16 mm



Specifications

Item	CKG				
Size	16CS	25CS	32CS	40CS	50CS
Bore size mm	ø16	ø25	ø32	ø40	ø50
Actuation	Double acting/single acting				
Working fluid	Compressed air				
Max. working pressure MPa	0.7				
Min. working pressure ^{Note} MPa	Double acting	0.1			
	Normally open	0.3			
	Normally closed				
Ambient temperature °C	5 to 60				
Port size	M5				
Operating stroke length mm	6		8	11	16
Rod diameter mm	ø9	ø10	ø14	ø18	ø20
Volumetric capacity (reciprocating)cm ³	1.0	2.2	5.1	10.1	36.1
Repeatability mm	±0.01				
Weight kg	0.24	0.47	0.80	1.4	2.3
Lubrication	Not required				
Rubber cover	Food Sanitation Act compliant materials (silicone rubber) blue				

Note: When a rubber cover (option) is attached, the min. working pressure is 0.2 MPa for 16CS and 0.15 MPa for 25CS to 50CS.

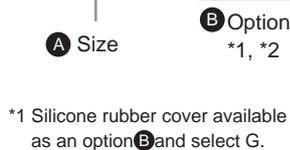
How to order

Without switch (built-in magnet for switch)

CKG - 16CS - O - FP1

With switch (built-in magnet for switch)

CKG - 16CS - O - T2H - R - FP1



D Switch quantity

⚠ Precautions for model No. selection

*1: CK G-16CS is Y11,Y21,CK G-25CS to 40CS is Y11, Y12, Y21, Y22, CKG-50CS can be ordered as Y11 or Y21.

*2: Refer to Pneumatic Cylinders II (CB-030SA) for the dimensions and compatible model of the attachment. When ordered as an option, three are attached at shipment.

Code	Description
A Size	
16CS	
25CS	
32CS	
40CS	
50CS	

B Option	
Blank	Standard (double acting)
O	Single acting (normally open)
C	Single acting (normally closed)
G Rubber cover (silicone-based) *1	
Y11	With attachment (S50C) External chuck (attachment No.: 540 to 710)
Y12	With attachment (S50C) Internal chuck (attachment No.: 610 to 630)
Y21	With attachment (MC nylon) For external diameter chuck(Attachment No.: 510 to 540, 710)
Y22	With attachment (MC nylon) Internal chuck (attachment No.: 610 to 630)

C Switch model No.						
Lead wire Straight Type	Lead wire Radial Type	Contact	Voltage		Display	Lead wire
			AC	DC		
T2H*	T2V*	Proximity		●	1-color display	2-wire
T3H*	T3V*			●		3-wire

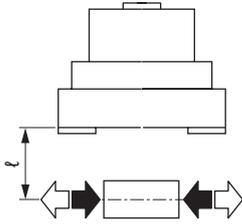
* Lead wire length	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

D Switch quantity	
R	1 on open side
H	1 on closed side
D	2

Gripping power performance data

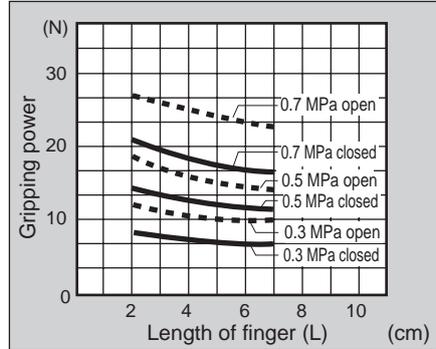
Supply pressure 0.3, 0.5, 0.7MPa Opening direction with hand jaw length l the gripping power in the closing direction is shown.

- Open direction (⇄) ----- (shown with broken line)
- Closed direction (➡) ————— (shown with continuous line)

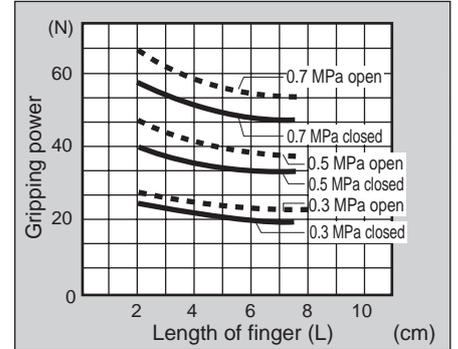


(Note) O type gripping power decreases approximately 20 to 30% in the closing direction compared to double acting. C type gripping power decreases approximately 10 to 20% in the opening direction compared to the double acting type. When making a selection, read the precautions for design and selection in Pneumatic Cylinders II (CB-030SA).

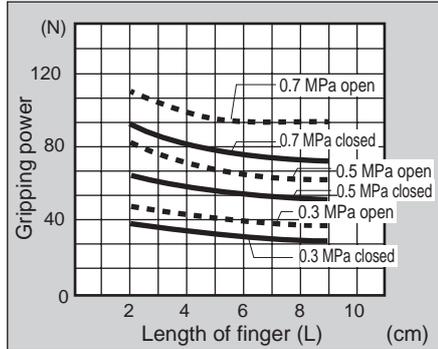
● CKG-16CS



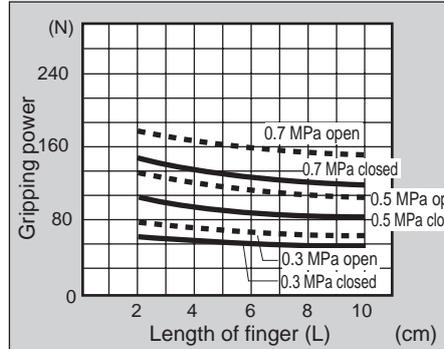
● CKG-25CS



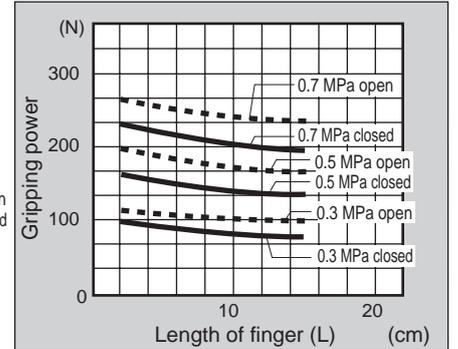
● CKG-32CS



● CKG-40CS



● CKG-50CS



For dimensions, refer to the CKG Series in "Pneumatic Cylinders II (CB-030SA)".

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FRL/Auxiliary Components	Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/ bacteria-removing filter	Vacuum components	Fluid control valves
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