



Grippers for collaborative robots 3-way finger type

RCKL -KW Series

With speed controller, cylinder switch

Port size: $\phi 4$ push-in fitting



Specifications

Descriptions		RCKL
Bore size	mm	$\phi 40$
Actuation		Double acting
Working fluid		Compressed air
Max. working pressure	MPa	0.7
Min. working pressure	MPa	0.3
Port size		$\phi 4$ push-in fitting
Ambient temperature	$^{\circ}\text{C}$	5 to 50
Operating stroke length	mm	10
Repeatability	mm	± 0.01
Weight	kg	1.1
Display lamp		Blue/green
Cylinder switch		With T2H (Lit when red LED is ON)

Note: When manufacturing the attachment according to the workpiece, refer to page 4.

How to order

RCKL - 40CS - **F** **Y3V** - KW

A Robot flange

B Accessories

K-AddOn Registered Product

Code	Description
A Robot flange	
Blank	Without robot flange
F	With robot flange (*1)
B Accessories	
Blank	No accessories
Y3	Attachment (*2)
V	Directional control valve/tube (*3)

*1: Robot flange mounting bolts included

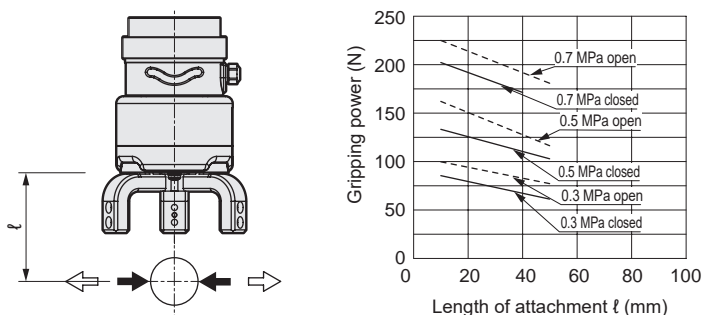
*2: Made-to-order product, aluminum. (Weight 50 g per pc)

*3: Directional control valves are with $\phi 4$ push-in fitting (air supply port, A/B port), silencer (R1/R2 port) and mounting plate. Outer diameter $\phi 4$ length 2.5 m x 2 tubes
For details on the directional control valve, refer to the end of this section.

Gripping power performance data

- Gripping power is the thrust (one finger) in the direction of the arrow shown in the figure.
- The gripping force acting in the opening and closing directions of the gripper's attachment length ℓ when the supply pressure is 0.3, 0.5 and 0.7 MPa.

- Open direction (←) ----- (Broken line)
- Close direction (→) ————— (shown with continuous line)



Dimensions

