



Grippers for collaborative robots Long stroke

RHLF -UR Series

With speed controller, cylinder switch
Port size: $\phi 4$ Push-in fitting



Specifications

Item	RHLF	
Bore size	mm	$\phi 16 \times 2$
Actuation		Double acting
Working fluid		Compressed air
Max. working pressure	MPa	0.7
Min. working pressure	MPa	0.2
Port size		$\phi 4$ Push-in fitting
Ambient temperature	$^{\circ}\text{C}$	5 to 50
Operating stroke length	mm	32
Repeatability	mm	± 0.03
Weight	kg	1.0
Display lamp		Blue/green
Cylinder switch		T2HWith (redLED ONlit when in use)

Note: For attachments manufactured to match workpieces, refer to page.

How to order

RHLF - 16CS - **F** **Y2V** - UR
 A Robot flange B Accessories UNIVERSAL ROBOTScertification

Code	Description
A Robot flange	
Blank	Without robot flange
F	With robot flange (*1)
B Accessories	
Blank	No accessories
Y2	Test attachment (*2)
V	Directional control valve/tube (*3)

*1: With robot flange mounting bolts

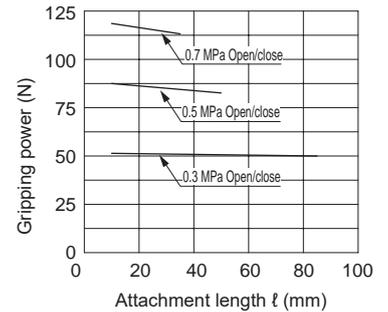
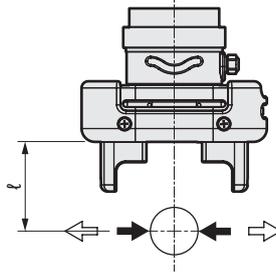
*2: Because it is made of resin, use it for gripping tests. (Mass is 30g per piece)

*3: Directional control valve has $\phi 4$ push-in fitting (air supply port, A/B port), silencer (R1/R2 port) and mounting plate. Tube outer diameter $\phi 4$, length 2.5m \times 2. For more information on gripping force performance data directional control valve, refer to the Ending pages.

Gripping power performance data

- The gripping force represents the thrust in the direction of the arrow shown in the figure (for one finger).
- Indicates the gripping force operating in the opening and closing directions for the length (l) of the attachment of the gripper when the supply pressure is 0.3, 0.5, and 0.7 MPa.

• Open direction (\leftarrow), closed direction (\rightarrow) (shown with continuous line)



Dimensions

