



Grippers for collaborative robots Compact

RLSH -UR Series

With speed controller, cylinder switch
Port size:ø4 Push-in fitting



Specifications

Item	RLSH
Bore size	mm ø20
Actuation	Double acting
Working fluid	Compressed air
Max. working pressure	MPa 0.7
Min. working pressure	MPa 0.1
Port size	ø4Push-in fitting
Ambient temperature	°C 0 to 50
Operating stroke length	mm 18
Repeatability	mm ±0.01
Weight	kg 0.8
Display lamp	Blue/green
Cylinder switch	With F2H (Lights up when yellow LED is ON)

Note: See page 5 for manufacturing the attachment according to the workpiece.

How to order

RLSH - A20D1N - L1 - **F** **Y2V** - UR



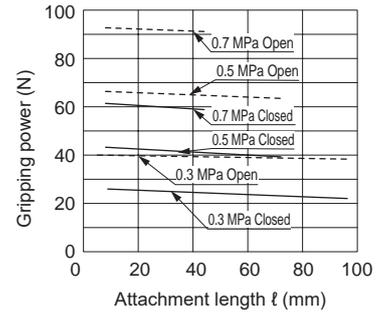
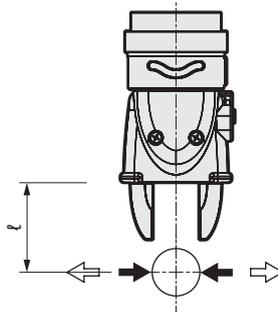
Code	Description
A Robot flange	
Blank	Without robot flange
F	With robot flange (*1)
B Accessories	
Blank	No accessories
Y2	Test attachment (*2)
V	Directional control valve/tube (*3)

- *1: Robot flange mounting bolt, USBWith memory
- *2: Use it for grip tests as it is made of resin. (Weight is 1per book25g)
- *3: Directional control valve has ø4 push-in fitting (air supply port, A/B port), silencer (R1/R2 port) and mounting plate. Tube outer diameter ø4, length 2.5m×2. For more information on gripping force performance data directional control valve, refer to the Ending pages.

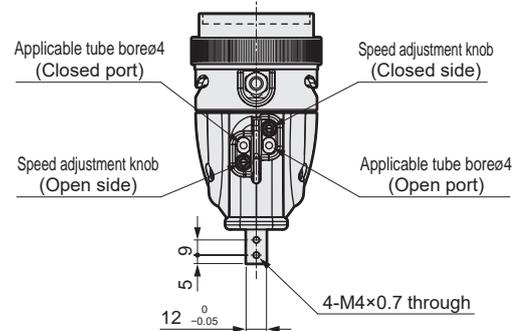
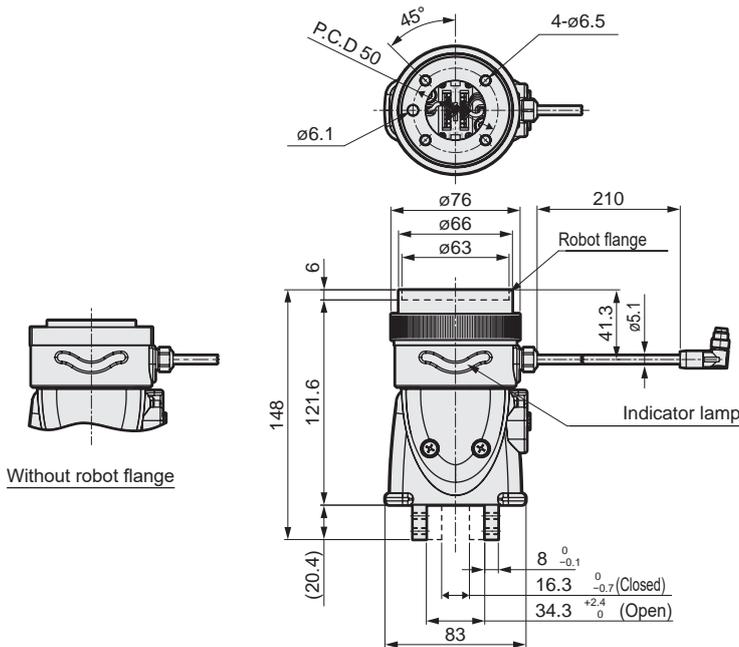
Gripping power performance data

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



Dimensions



Dimensions when attachment is installed

