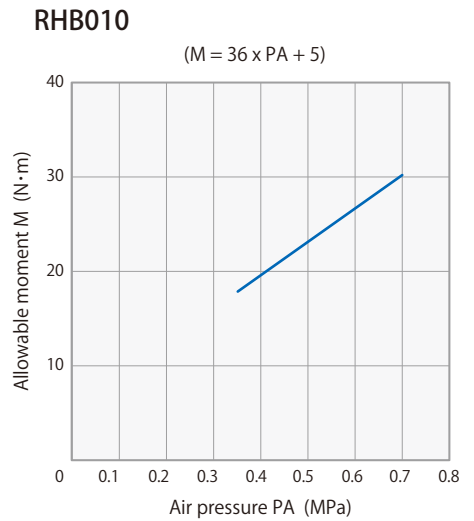


# model RHB010 Payload 10 kg

RHB010 is the model that RHA010 (Page →11) air connection port changed to Rc1/8.



## Performance diagram



## Specifications

Model		RHB010	
Payload*1		kg	10
Allowable moment (Air pressure at 0.5 MPa)*2		N·m	23
Allowable torque*2		N·m	40
Tightening force	Air pressure at 0 MPa	kN	0.21
	Air pressure at 0.5 MPa	kN	1.01
Lift force	Air pressure at 0.5 MPa	kN	0.19
Repeatability		mm	0.01
Dimensions (Outer diameter × Height when connected)		mm	ø61 × 47
Mass	Master plate	g	295
	Tool plate	g	225
Air pressure for connecting/disconnecting operation		MPa	0.4~0.7
Connector for air	Number of ports (Size)	6 (Rc1/8)	
	Working pressure	MPa	-0.05~1
Operating temperature		°C	0~70

Option		Option symbol
Connector for air	Add Rc1/8 × 2 ports	<b>A0</b>
Electric connector	10 points volume 3A / 1pc (with cable)	<b>E0</b>
	20 points volume 3A / 1pc (with cable)	<b>E00</b>
Remote sensor*1	12 points (with cable)	<b>RN</b> <b>RP</b> <b>R</b>
	4 points (with cable)	<b>RN4</b> <b>RP4</b> <b>R4</b>

\*1: Refer to the web site of the company named B & Plus for details about the remote sensor.

\*1: Select a model that does not exceed the allowable torque and movement, even if it was less than the payload.

\*2: This value indicates the maximum. Select the right model so as not to exceed these values even for a split-second.

## Model designation

Master plate	<b>RHB 010 - M</b>	Connector for air (option)	<input type="checkbox"/>	Electric connector (option)	<input type="checkbox"/>
Tool plate	<b>RHB 010 - T</b>				

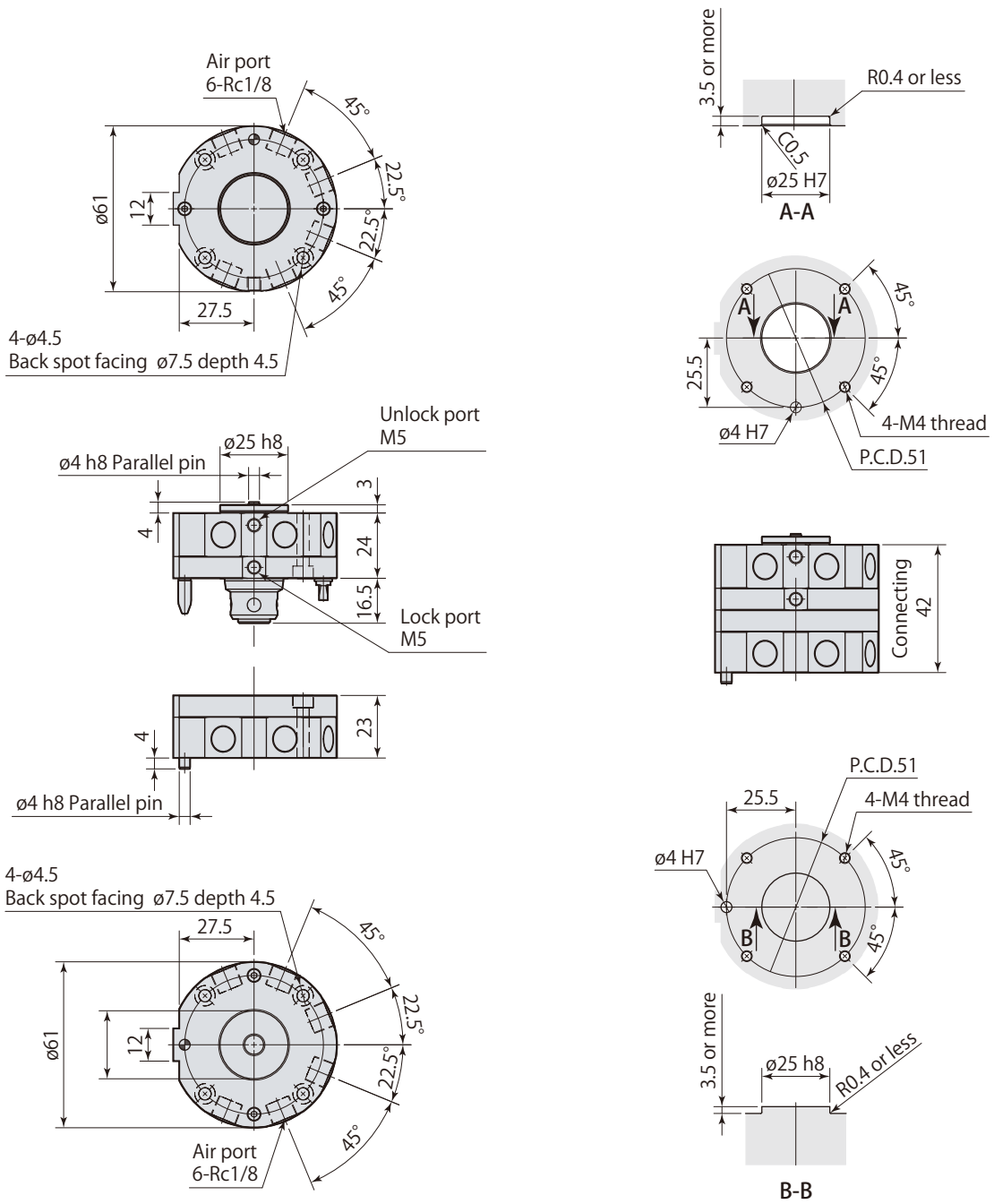
No symbol	Non check valve
<b>A0</b>	Add Rc1/8 × 2

No symbol	Connector None
<b>E0*</b>	3A × 10 points
<b>E00</b>	3A × 20 points

\*: Air connector A0 accepts only E0

<b>RN</b>	Master plate side Remote sensor (NPN output) × 12 points
<b>RP</b>	Master plate side Remote sensor (PNP output) × 12 points
<b>R</b>	Remote sensor of tool plate side × 12 points
<b>RN4</b>	Master plate side Remote sensor (NPN output) × 4 points
<b>RP4</b>	Master plate side Remote sensor (PNP output) × 4 points
<b>R4</b>	Remote sensor of tool plate side × 4 points

## Dimensions



## Options



Connector for air  
Add Rc1/8 × 2 ports

Electric connector  
3A × 10/20 points (with cable)

Remote sensor  
12 points (with cable) Page → 33

Remote sensor  
4 points (with cable) Page → 35

**A0**

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**E0**  
**E00**

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**RN** Master plate side NPN  
**RP** Master plate side PNP  
**R** Tool plate side

**RN4** Master plate side NPN  
**RP4** Master plate side PNP  
**R4** Tool plate side