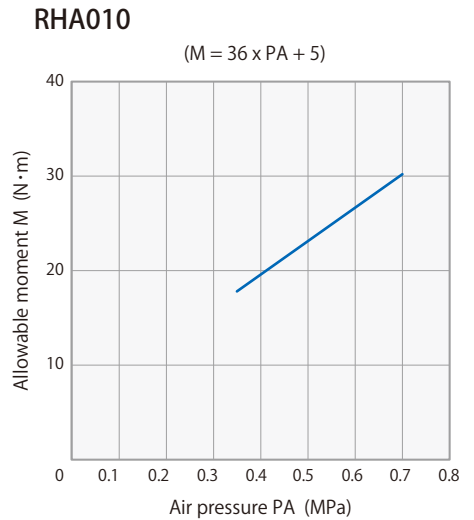


Performance diagram



Specifications

Model		RHA010	
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	ø50×42(ø59×44*4)	
Mass	Master plate	g	210 (315*4)
	Tool plate	g	120 (185*4)
Air pressure for connecting/disconnecting operation		MPa	0.35~0.7
Connector for air	Number of ports (Size)*3	6 (M5)	
	Working pressure	MPa	-0.09~1
Operating temperature		°C	0~70

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

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

- *1: Select a model number not to exceed the allowable torque and moment, 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.
- *3: Rc1/8 also available. **Page → 13**
- *4: Denotes the value when model C is selected.

Model designation

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

No symbol	Non check valve
C*	Check valve model
A0	Add Rc1/8×2

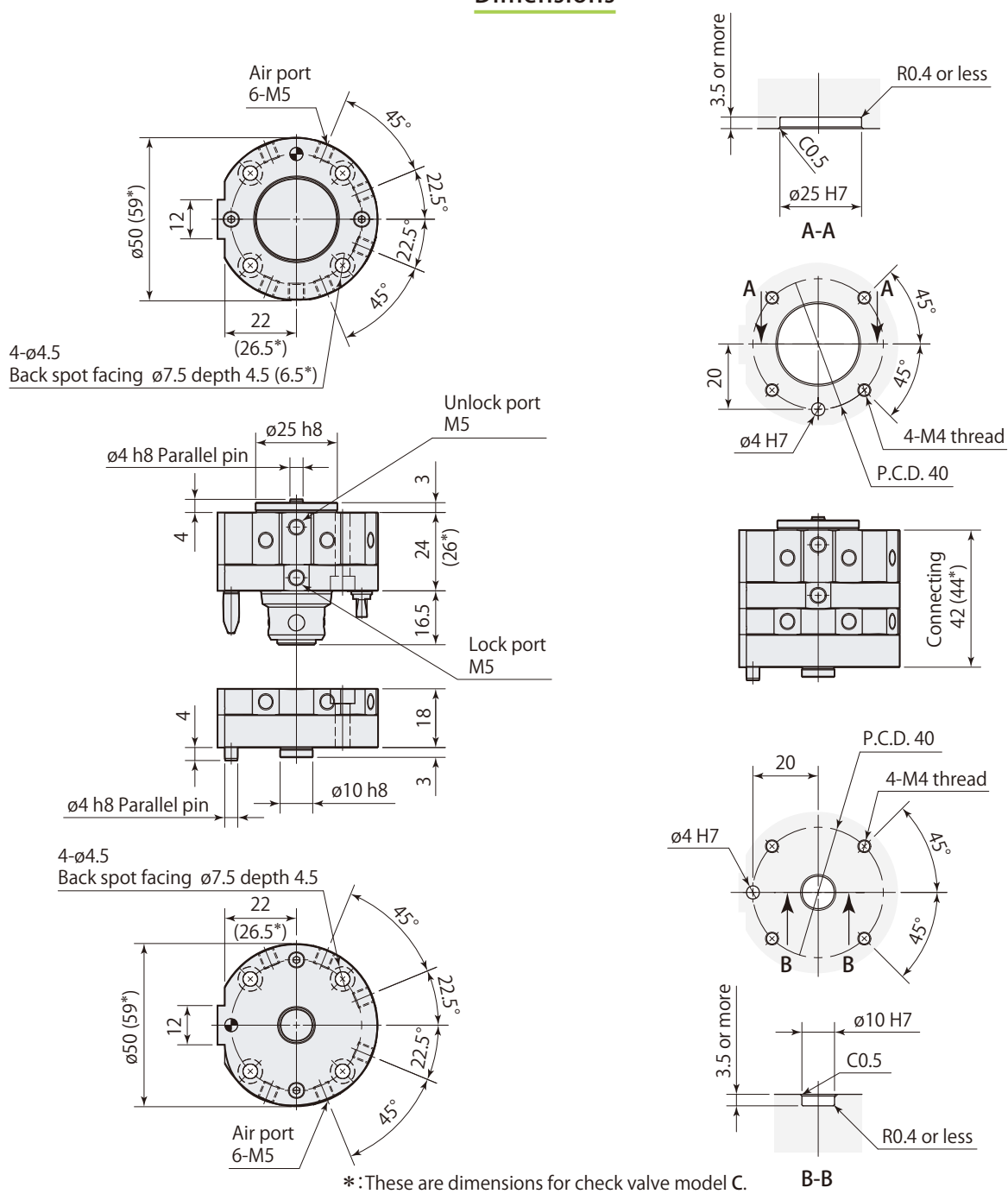
*: If the check valve model selected, both the master and tool plate must contain the symbol "C" in the model.

No symbol	Connector None
E0*	3A×10 points
E00	3A×20 points

*: Air connector A0 accepts only E0

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

Dimensions



Options



Connector for air
Check valve model

Connector for air
Add Rc1/8 x 2 ports

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

Remote sensor
12 points (with cable) Page → 33

Remote sensor
4 points (with cable) Page → 35

C

A0

Page → 27

E0
E00

Page → 29

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