

## Better Performance

**0.1s**

Opening and closing

**±0.02mm**

Repeatability

**6-85N**

Output range

**0-10mm**

Stroke range

- » Highly integrated
- » Controller built-in
- » Plug and play, no debugging required
- » Clamp/drop detection
- » Maximize space savings
- » Stable output
- » Supports internal and external clamping
- » Three inputs and three outputs I/O interface

\*No need for magnetic switches / No need to worry about air leakage / No need for switch slots, can replace pneumatic fingers

## Longer Service life



High precision steel ball guide rail



High-strength wear-resistant claw head



Hard anodizing surface



Millions of times flexible cable resistant to bending

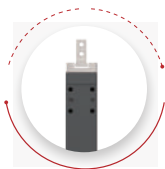
## Supports Installation on All Four Sides



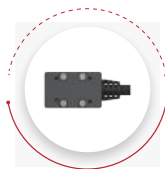
Front installation



Rear installation



Side mounting



Bottom installation

## Product Parameters

Model	RM-EGB-06-6-ITG	RM-EGB-06H-16D	RM-EGB-06L-20D
Stroke (mm)	6	6	10
Gripping Force*(N)	10/20/30/40	10/15/35/60	6/30/60/85
Absolute Position* (mm)	0/2/4	0/2/4	0/4/8
Repeat Positioning Accuracy(mm)	±0.02	±0.02	±0.02
Max.0pening/Closing Time (s)	0.3/0.3	0.1/0.1	0.18/0.18
Weight (kg)	0.22	0.22	0.32

\* Both Gripping Force and Absolute Position have four pre-set levels. It's triggered by preset I/O combination and no parameter adjustment is needed.

## I/O Input and Output Signal Description

### Input signal description

NO.	IN1	IN2	IN3	RM-EGB-06-6-ITG/RM-EGB-06H-16D	RM-EGB-06L-20D
1				Open to limit, strength 100%	Open to limit, strength 100%
2		■		Position to 2mm, strength 100%	Position to 4mm, strength 100%
3			■	Position to 4mm, 100% strength	Position to 8mm, 100% strength
4		■	■	Open to limit, strength 50%	Open to limit, strength 50%
5	■			Clamp to limit, strength 100%	Clamp to limit, strength 100%
6	■	■		Clamp to limit, strength 75%	Clamp to limit, strength 75%
7	■		■	Clamp to limit, strength 50%	Clamp to limit, strength 50%
8	■	■	■	Clamp to limit, strength 25%	Clamp to limit, strength 25%

### Output signal description

NO.	OUT1	OUT2	OUT3	Description
1				In motion
2		●		Open in place (detection of no externally supported workpiece or externally supported workpiece falling)/positioning movement in place
3		●	●	Opened in place and the outer support detects the workpiece
4	●			Clamp in place, detect no clamped workpiece/fall of clamped workpiece
5	●	●		The clamp is in place and the clamp detects the workpiece
6			●	The positioning movement is not in place and the strength reaches 100%
7	●	●	●	Equipment abnormality

Note: ■ The button is pressed. If it is blank, it means it is not pressed. ● The output indicator light is on. If it is blank, it is not on.