

* Fingertips for demonstration only.

Selection Guide

Rapid Selection

Electric Gripper

Linear Actuator

Rotary Table

Direct-Drive Actuator

Controller & Cable Matching

RM-RGM-ITG

Servo Rotary Gripper



How to Order

Model	Size Code	Rotation Angle (R)	Stroke (G)	Torque	Outlet Direction	Wiring Method & Length		Series
RM - RGM -	0606	360	16	02	1	A (Aviation Plug SW)	0015	ITG
	0606	360	32	04	1	D (Direct Wiring)	0300	ITG
	0609	360	32	08	1	D (Direct Wiring)	0300	ITG

Product Advantages

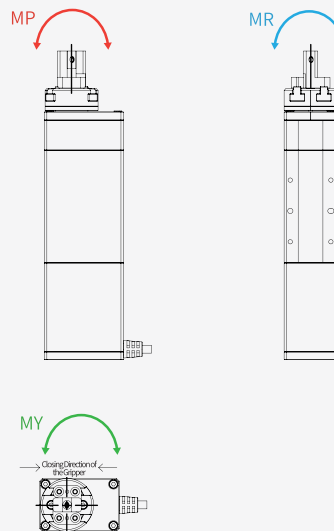

Highly Integrated


Large Torque


Large Gripping Force


Infinite Rotation

Torque Direction



Notes :

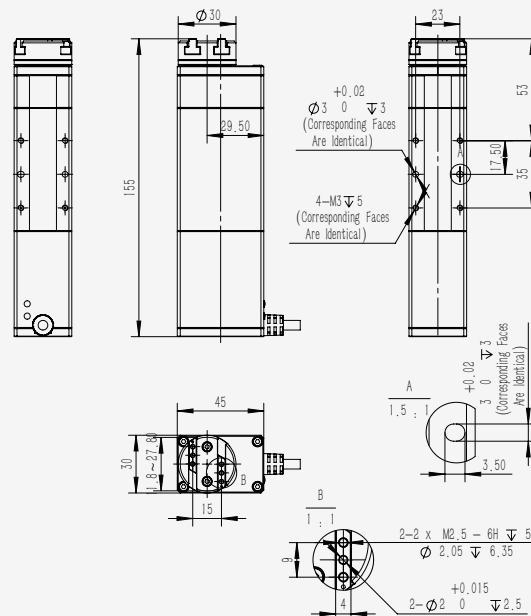
1. The data is sourced from the actual test results in the 25°C laboratory.
2. If you require specifications for the gripping clearance, positioning accuracy, and rotation repeatability of the rotary gripper, or if you demand an even faster response time, please reach out to our sales team for technical confirmation and a tailored solution.
3. The drawings provided in this Catalogue are for the default standard model. If you require other models with different motor directions, outlet directions, or outlet methods, please contact your local sales representative to obtain the drawings for the optional models.

Controller & Cable Matching

Item		Parameters		
Model	Model	RM-RGM-0606-360-16-02-ITG	RM-RGM-0606-360-32-04-ITG	RM-RGM-0609-360-32-08-ITG
	Stroke (mm)	0-16	0-32	0-32
Performance	Gripping Force ¹ (N)	4-24	30-100	30-100
	Max.opening/closing Time (s)	0.15/0.15	0.3/0.3	0.3/0.3
	Allowable Static Load Moment (N.m)	MR: 1.5, MP: 1.5, MY: 1.5	MR: 2.1, MP: 2.1, MY: 2.1	MR: 2.1, MP: 2.1, MY: 2.1
	Rated Torque (N.m)	0.2	0.4	0.8
	Peak Torque (N.m)	0.35	1.2	1.5
	Max.allowable Inertia (kg/mm ²)	100	200	200
	Repeat Positioning Accuracy ² (mm)	±0.02	±0.02	±0.02
	Rotation Repeatability (°)	±0.05	±0.05	±0.05
	Min/Max Rotation Angle	No Limitation	No Limitation	No Limitation
	Max.speed(° /s)	1000	1100	2160
	Control	Controller	Controller Built-in	Controller Built-in
Supporting Bus Protocols		Modbus RTU	Modbus RTU	Modbus RTU
Operating Environment	Rated Voltage (V)	DC24±10%	DC24±10%	DC24±10%
	Rated Current (A)	1.8	1.8	2
	Peak Current (A)	4	4	4
	Weight (kg)	0.6	0.7	1.1
	Usage Environment	0~40℃、< 85%RH (Without condensation)	0~40℃、< 85%RH (Without condensation)	0~40℃、< 85%RH (Without condensation)
	Protection Class IP	IP40	IP40	IP40

Dimensions of RM-RGM-0606-360-16-02-1-A0015-ITG (16mm Stroke)

Unit: mm

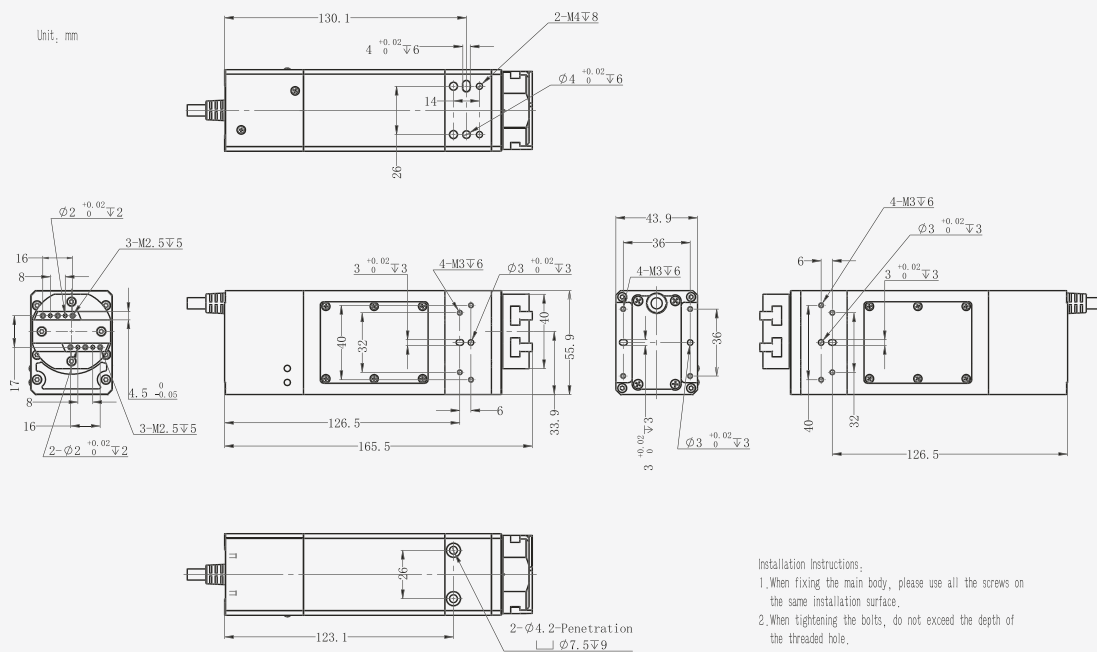


Installation Instructions.

1. When fixing the main body, please use all the screws on the same installation surface.
2. When tightening the bolts, do not exceed the depth of the threaded hole.

Dimensions of RM-RGM-0606-360-32-04-2-D0300-ITG (32mm Stroke)

(32mm Stroke)



Installation Instructions:

1. When fixing the main body, please use all the screws on the same installation surface.
2. When tightening the bolts, do not exceed the depth of the threaded hole.

Dimensions of RM-RGM-0609-360-32-08-2-D0300-ITG (32mm Stroke)

