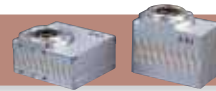


3 Check Specifications

Rotary Type



For the rotary type, a model is selected for its positioning motion generated by the rotating part.

[Positioning]

For positioning motions, the criteria for selection are: (1) oscillating angle; (2) maximum torque; and (3) speed. Based on the oscillating angle requirements, look for a balance between the maximum torque and speed, and select a model that meets your requirements.

Check that the inertial moment, created when an object is mounted and moved on the rotating part, is within the allowable inertial moment for each model.

[How to Read the Table]

Rotary Type		Oscillating Angle (mm) and Maximum Speed (mm/sec)			Maximum Torque	Allowable Inertial Moment	Encoder Type	Controller Input Power	Model	See Page
Type		300 degrees	330	360	(N)	kg·m ²		* □ denotes motor shape ○ denotes encoder type *** denotes stroke		
RTBS			400		0.24	0.0023			RCP2-RTBS-I-20P-30-330	P.353
			266		0.36	0.0035			RCP2-RTBS-I-20P-45-330	
RTBSL				400	0.24	0.0023			RCP2-RTBSL-I-20P-30-360	
				266	0.36	0.0035			RCP2-RTBSL-I-20P-45-360	

Maximum Speed → Oscillating Angle Range → Maximum Torque

Rotary Type		Oscillating Angle (mm) and Maximum Speed (mm/sec)			Maximum Torque	Allowable Inertial Moment	Encoder Type	Controller Input Power	Model	See Page
Type		300 degrees	330	360	(N)	kg·m ²		* □ denotes motor shape ○ denotes encoder type *** denotes stroke		
RTBS			400		0.24	0.0023			RCP2-RTBS-I-20P-30-330	P.353
			266		0.36	0.0035			RCP2-RTBS-I-20P-45-330	
RTBSL				400	0.24	0.0023			RCP2-RTBSL-I-20P-30-360	
				266	0.36	0.0035			RCP2-RTBSL-I-20P-45-360	
RTCS			400		0.24	0.0023			RCP2-RTCS-I-20P-30-330	P.355
			266		0.36	0.0035			RCP2-RTCS-I-20P-45-330	
RTCSL				400	0.24	0.0023			RCP2-RTCSL-I-20P-30-360	
				266	0.36	0.0035			RCP2-RTCSL-I-20P-45-360	
RTB			600		1.1	0.01			RCP2-RTB-I-28P-20-330	P.357
			400		1.7	0.015			RCP2-RTB-I-28P-30-330	
RTBL				600	1.1	0.01			RCP2-RTBL-I-28P-20-360	
				400	1.7	0.015			RCP2-RTBL-I-28P-30-360	
RTC			600		1.1	0.01		⊕24V	RCP2-RTC-I-28P-20-330	P.359
			400		1.7	0.015	I		RCP2-RTC-I-28P-30-330	
RTCL				600	1.1	0.01			RCP2-RTCL-I-28P-20-360	
				400	1.7	0.015			RCP2-RTCL-I-28P-30-360	
RTBB			600		3	0.02			RCP2-RTBB-I-35P-20-330	P.361
			400		4.6	0.03			RCP2-RTBB-I-35P-30-330	
RTBBL				600	3	0.02			RCP2-RTBBL-I-35P-20-360	
				400	4.6	0.03			RCP2-RTBBL-I-35P-30-360	
RTCB			600		3	0.02			RCP2-RTCB-I-35P-20-330	P.363
			400		4.6	0.03			RCP2-RTCB-I-35P-30-330	
RTCBL				600	3	0.02			RCP2-RTCBL-I-35P-20-360	
				400	4.6	0.03			RCP2-RTCBL-I-35P-30-360	
RT6			500		2.4	0.025			RCS2-RT6-I-60-18-300	P.365
RT6R			500		2.4	0.025		⊕100V ⊕200V	RCS2-RT6R-I-60-18-300	P.367
RT7R			500		0.764	0.00125			RCS2-RT7R-I-60-4-300	P.369

Small Size ↑
Large Size ↓

I = Incremental A = Absolute ⊕ = DC ⊕ = AC