

Product Recommendation Information Sheet

Rotating Body/Index Table

Desired Product ● If you have no desired product, leave the applicable fields blank. We will call you if necessary.

Desired Motor(s)

- α*STEP**
 Stepper Motor
 Servo Motor
 Electric Actuator
 Brushless Motor

- AC Motor
 Others

Desired Controller

- Oriental Motor controller
 Use positioning function of another company's PLC, programmable controller, etc.
 Unknown

If you wish to use a product from another company, enter the manufacturer name and the product name.

Manufacturer name:	Product name:
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Drive Mechanism Specifications ● If in doubt, leave the applicable fields blank. We will call you if necessary.

Table Shape and Dimensions

<input type="radio"/> Disk Diameter	$\phi D =$ <input style="width: 100px;" type="text"/>	mm
<input type="radio"/> Square Vertical Length	$A =$ <input style="width: 100px;" type="text"/>	mm
Width Length	$B =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Table Thickness	$t =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Table Mass or Material	$m =$ <input style="width: 200px;" type="text"/>	kg or material →
<input checked="" type="radio"/> Table Shaft Diameter	$\phi D_2 =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Table Shaft Length	$L =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Table Shaft Mass or Material	$m_2 =$ <input style="width: 200px;" type="text"/>	kg or material →

Drive Mechanism Configuration

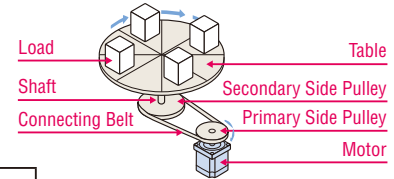
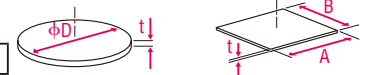


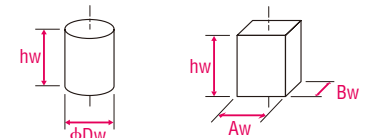
Table Shape



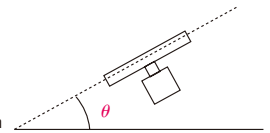
Loaded Shape of the Load and Dimensions

<input type="radio"/> Cylinder Diameter	$\phi D_w =$ <input style="width: 100px;" type="text"/>	mm
<input type="radio"/> Quadrangular Prism Vertical length	$A_w =$ <input style="width: 100px;" type="text"/>	mm
Width length	$B_w =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Load Height	$h_w =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Load Mass or Material	$m_w =$ <input style="width: 200px;" type="text"/>	kg or material →
<input checked="" type="radio"/> Load Rotation Radius	$r =$ <input style="width: 100px;" type="text"/>	mm
<input checked="" type="radio"/> Number of Loads	$n =$ <input style="width: 100px;" type="text"/>	unit(s)
<input checked="" type="radio"/> Inclination Angle of the Mechanism	$\theta =$ <input style="width: 100px;" type="text"/>	deg.

Load Shape



Position of Mechanism



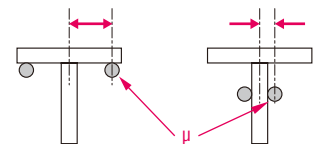
Please enter if you consider frictional load. Not required if frictional load is negligible.

Friction Coefficient for Rotating Body and Support Component $\mu =$

● If this is unknown, enter the materials for the support components → Materials:

Distance From Rotation Center to Support Components* $l =$ mm

(*Support component refers to bearings, etc. For bearings, enter the outer diameter.)



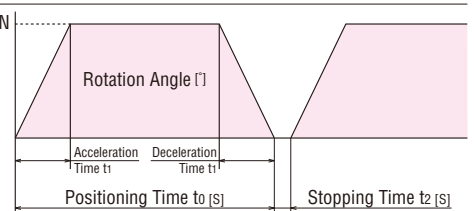
Please enter if you use connecting belt pulley or gear. Not required for direct connection.

<input checked="" type="radio"/> Primary Side Pulley Diameter and Mass	$D_{P1} =$ <input style="width: 100px;" type="text"/>	$m_{P1} =$ <input style="width: 100px;" type="text"/>	
<small>● If the mass is unknown, please enter the width and material. →</small>	$L_{P1} =$ <input style="width: 100px;" type="text"/>	mm	Materials: <input style="width: 150px;" type="text"/>
<input checked="" type="radio"/> Secondary Side Pulley Diameter and Mass	$D_{P2} =$ <input style="width: 100px;" type="text"/>	$m_{P2} =$ <input style="width: 100px;" type="text"/>	
<small>● If the mass is unknown, please enter the width and material. →</small>	$L_{P2} =$ <input style="width: 100px;" type="text"/>	mm	Materials: <input style="width: 150px;" type="text"/>

Operating Conditions ● If in doubt, leave the applicable fields blank. We will call you if necessary.

<input checked="" type="radio"/> Travel Amount per Rotation Angle	<input style="width: 100px;" type="text"/>	°
<input checked="" type="radio"/> Positioning Time	$t_0 =$ <input style="width: 100px;" type="text"/>	s
<input checked="" type="radio"/> Desired Acceleration and Deceleration Time	$t_1 =$ <input style="width: 100px;" type="text"/>	s
<input checked="" type="radio"/> Stop Time	$t_2 =$ <input style="width: 100px;" type="text"/>	s
<input checked="" type="radio"/> Desired Travel Rotation Speed (If any)	$N =$ <input style="width: 100px;" type="text"/>	r/min
<input checked="" type="radio"/> Desired Stopping Accuracy (If any)	\pm <input style="width: 100px;" type="text"/>	°
<input checked="" type="radio"/> Power Supply Voltage	$V,$ <input style="width: 100px;" type="text"/>	Hz
<input checked="" type="radio"/> Necessity of Holding Force After Power is Turned off	<input type="radio"/> Yes <input type="radio"/> No	

Rotation Speed N



Others

- Application, Equipment Name.....
- Estimated Number of Units to be Used unit(s)
- Estimated Purchase Date year month
- Supply Source (Sales office).....
- Other (Requests, Contact information, Items not written above, etc.)