Product Recommendation Information Sheet

Crank

Desired Product

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

Desired Motor(s)

☐ αSTEP ☐ Stepper Motor ☐ Servo Motor ☐ Brushless Motor

☐ AC Motor ☐ Others

Desired Controller

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

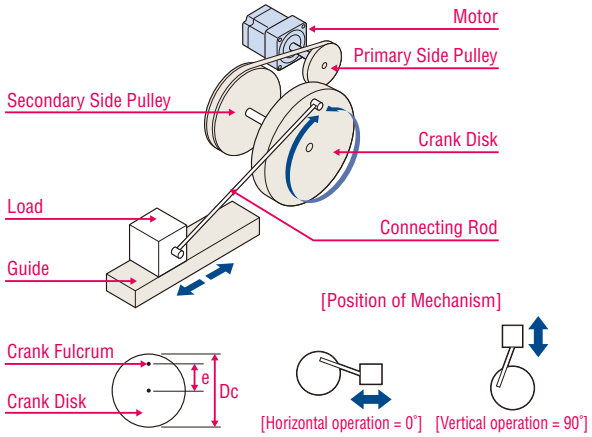
If you wish to use a product from another company, enter the manufacturer name and the product name.

Manufacturer name: Product name:

Drive Mechanism Specifications

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

● Total Mass of Load (Including table)	m_1 =		kg
● Guide Friction Coefficient	μ =		
● Crank Disk Diameter	ϕD_C =		mm
Mass	m_C =		kg
Thickness (Only if mass is unknown)	t_C =		mm
Material (Only if mass is unknown)	Materials:		
● Crank Rotation Radius	e =		mm
● Connecting Rod: Length	L_{C1} =		mm
Mass	m_{C1} =		kg
● Mechanism Transmission Efficiency	η_C		
● Inclination Angle of Transportation Section	θ =		deg.
● External Force Applied (External force)	F_A =		N



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

● Primary Side Pulley Diameter and Mass	D_{P1} =		mm	m_{P1} =		kg
● If the mass is unknown, please enter the width and material. →				L_{P1} =		mm	Materials:
● Secondary Side Pulley Diameter and Mass	D_{P2} =		mm	m_{P2} =		kg
● If the mass is unknown, please enter the width and material. →				L_{P2} =		mm	Materials:

● For electric linear slide sizing, use the specific request form.

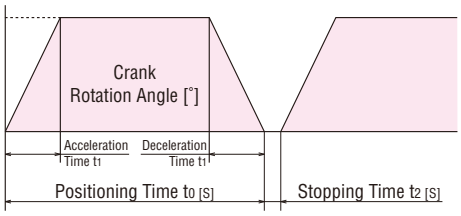
Operating Conditions

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

◯ Continuous Operation

● Speed	N =		to	r/min
● Operating Time	t =			s

(The above speed should be entered as the rotation speed of the crank disk)



◯ Operating in Positioning Operation

● Crank Rotation Angle			°
● Positioning Time	t_0 =		s
● Acceleration/Deceleration Time	t_1 =		s
● Stop Time	t_2 =		s
● Power Supply Voltage		V,	Hz
● Necessity of Holding Force After Power is Turned off	◯ Yes	◯ No	

Continued on next page

■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.)