

Product Recommendation Information Sheet

Crank

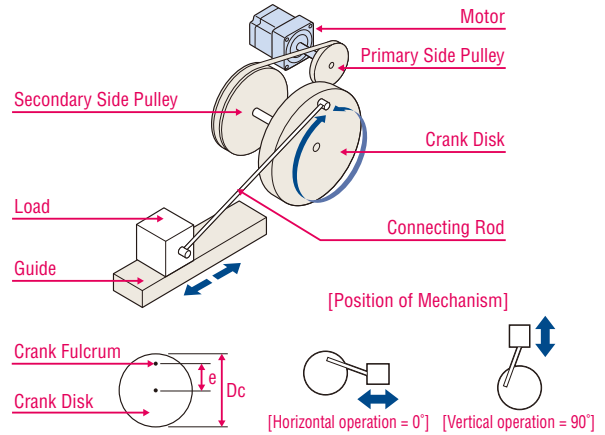
Desired Product ● If you have no desired product, leave the applicable fields blank. We will call you if necessary.

Desired Motor(s)

***α*STEP**
 Stepper Motor
 Servo Motor
 Brushless Motor
 AC Motor
 Others

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

- Total Mass of Load (Including table)..... m_l = 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.

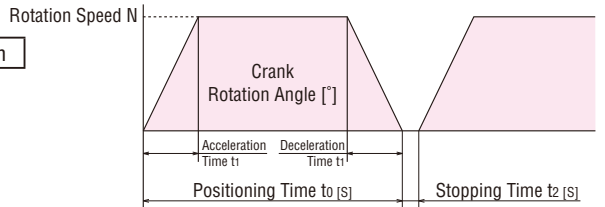
Operating Conditions ● If in doubt, leave the applicable fields blank. We will call you if necessary.

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



Others

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