

Product Recommendation Information Sheet

Roller Conveyor

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

Desired Motor(s)

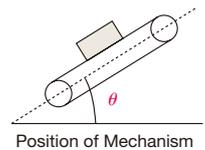
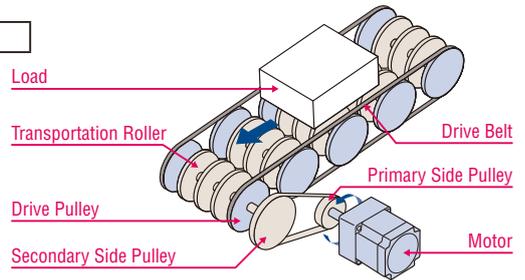
- αSTEP***
 Stepper Motor
 Servo Motor
 Brushless Motor
 AC Motor
 Others

Conveyor Type

- Belt pulley
 Chain sprocket

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

- Total Mass of Load $m =$ kg
- The Friction Coefficient Between the Transportation Roller and the Load... $\mu =$
- Number of Transportation Roller $n_R =$ unit(s)
- Transportation Roller Pitch Circle Diameter ... $D_R =$ mm
- Transportation Roller Inner Diameter $D_{Ri} =$ mm
- Transportation Roller Width (Thickness) $L_R =$ mm
- Transportation Roller Mass $m_R =$ kg/unit
- Transportation Roller Material Materials:
- Drive Belt Mass $m_B =$ kg/unit
- Number of Drive Belts $n_B =$ unit(s)
- Number of Drive Pulleys $n =$ unit(s)
- Drive Pulley Pitch Circle Diameter $D_P =$ mm
- Drive Pulley Inner Diameter $D_{Pi} =$ mm
- Drive Pulley Width (Thickness) $L_P =$ mm
- Drive Pulley Mass $m_P =$ kg/unit
- Drive Pulley Material Materials:
- Shaft Diameter $\phi D_2 =$ mm
- Shaft Length $L =$ mm
- Shaft Mass or Material $m_2 =$ kg or material →
- Number of Shaft unit(s)
- Inclination Angle of the Mechanism $\theta =$ deg.
- External Force Applied (External force) $F_A =$ N

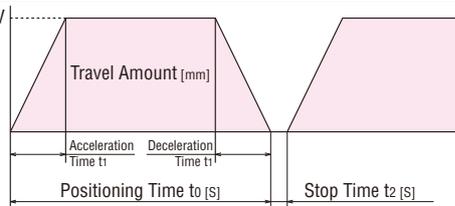


Please enter if you use connecting belt pulley or gear. Not required for direct connection.

- 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.

- Travel Amount per Operation mm
- Positioning Time t_0 = s
- Desired Acceleration and Deceleration Time ······ t_1 = s
- Stop Time t_2 = s
- Desired Travel Speed (If any) V = mm/s
- Desired Stopping Accuracy (If any) ······ ± mm
- 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.)