Product Recommendation Information Sheet

Roll Feed

■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 [   ]

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.

● Drive Roller Diameter ···················· D_{P1} =   mm

● Drive Roller Width (Thickness)·········· L_{P1} =   mm

● Drive Roller Material ······················ Materials:

● Drive Roller Mass ························· m_{P1} =   kg/unit

● Number of Drive Rollers ················· n_{P1} =   unit(s)

● Drive Roller Diameter ···················· D_{P2} =   mm

● Driven Roller Width (Thickness)········· L_{P2} =   mm

● Driven Roller Material ····················· Materials:

● Driven Roller Mass ······················ m_{P2} =   kg/unit

● Number of Driven Rollers ················ n_{P2} =   unit(s)

● Rolling Friction Coefficient ··············· μ =

● Roll Pressure ······························· F_O =   N

● Total Mass of Load ······················· m =   kg

● Inclination Angle of the Mechanism ·· θ =   deg.

● Tension (External force) ·················· F_A =   N

Position of Mechanism
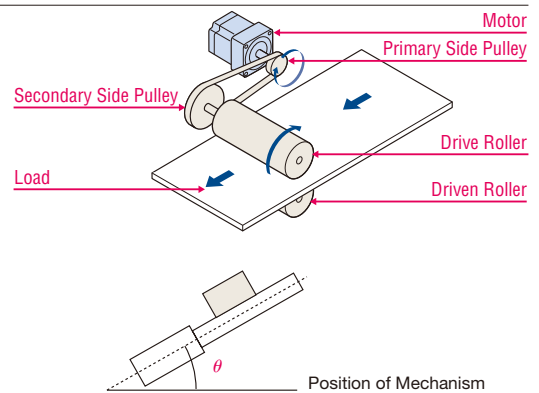
If you are pulling out an item that is wound on a roll, such as tape, fill in the following

● Maximum Diameter of Roll ··············· D_1 =   mm

● Roll Mass ···································· m_1 =   kg

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:

■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) ··· $\pm$ mm

● Power Supply Voltage ····················· [V,   Hz]

● Necessity of Holding Force After Power is Turned off ········ ○ Yes   ○ No

Travel Speed V / Travel Amount [mm] / Acceleration Time t1 / Deceleration Time t1 / Positioning Time t0 [S] / Stop Time t2 [S]

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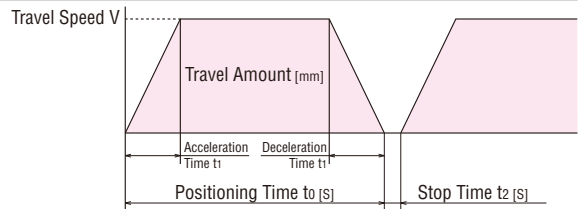
■Others

● 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.)

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