Motor/Hollow Rotor Actuator Product Recommendation Information Sheet: Table Drive

Required Product

● Leave blank and send if you have no request. We will call you back.

☐Induction Motor, Reversible Motor, Electromagnetic Brake Motor, etc. ☐AC Speed Control Motor ☐Speed Control Motor and Inverter Package
☐Brushless Motor ☐Stepping Motor ☐Hollow Rotary Actuator

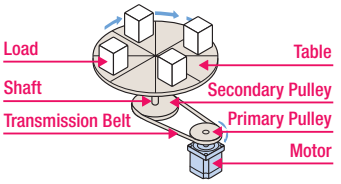
Drive Mechanism Specifications

● Leave blank and send if there is anything unclear. We will call you back.

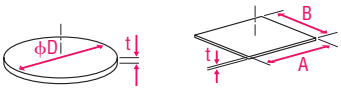
Table Shape and Dimensions

☐ Disk Type: Diameter	ϕD	=		mm
☐ Square Type: Length	A	=		mm
Width	B	=		mm
● Table Thickness	t	=		mm
● Table Mass or Material	m	=		kg or material →
● Table Shaft Diameter	D_2	=		mm
● Table Shaft Length	L	=		mm
● Table Shaft Mass or Material	m_2	=		kg or material →

Structure of Drive Mechanism



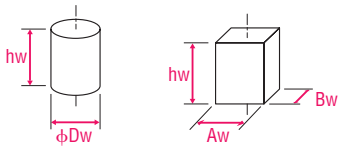
Shape of Table

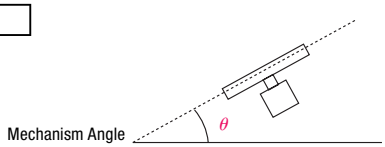


Shape of Load and Dimensions to be Indicated

☐ Cylinder Type: Diameter	ϕD_W	=		mm
☐ Square Cylinder Type: Length	A_W	=		mm
Width	B_W	=		mm
● Load Height	h_W	=		mm
● Load Mass or Material	m	=		kg or material →
● Load Rotation Radius	r	=		mm
● Number of Loads	n	=		
● Mechanism Inclination Angle	θ	=		deg

Shape of Load





Please indicate if using a connection belt pulley or gear. Not necessary if it's a direct connection.

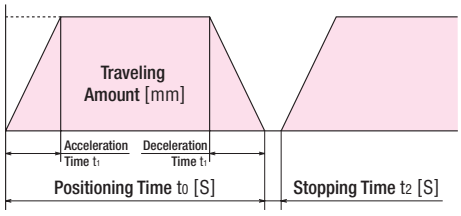
● Primary Pulley Diameter and Mass	D_{P1}	=	mm	m_{P1}	=	kg	
● When the mass is unknown, please enter the width and material. →				L_{P1}	=	mm	*Material:*
● Secondary Pulley Diameter and Mass	D_{P2}	=	mm	m_{P2}	=	kg	
● When the mass is unknown, please enter the width and material. →				L_{P2}	=	mm	*Material:*

Operating Conditions

● Leave blank and send if there is anything unclear. We will call you back.

● Rotation Angle per Motion				°
● Positioning Time	t_0	=		s
● Desired acceleration and deceleration time (if any)	t_1	=		s
● Stopping Time	t_2	=		s
● When speed is desired	V	=	~	r/min
● Stopping Accuracy	±			°
● Power Supply Voltage		Phase	V,	Hz

Traveling Speed V



Customer Information

Date: Year ____ Month____ Day____

Company: E-mail:

Department and Title: Application:

Name:

Address: Number of Units to be Used: Unit(s)

Expected Purchasing Date:

TEL: Extension: Supply Source:

FAX: Sales Branch:

Customer Support Centre •For Singapore and other countries FAX: +65-6745-9405 http://www.orientalmotor.com.sg/
•For Malaysia FAX: +60-3-2287-5528 http://www.orientalmotor.com.my/
•For Thailand FAX: +66-2-251-1872 http://www.orientalmotor.co.th/