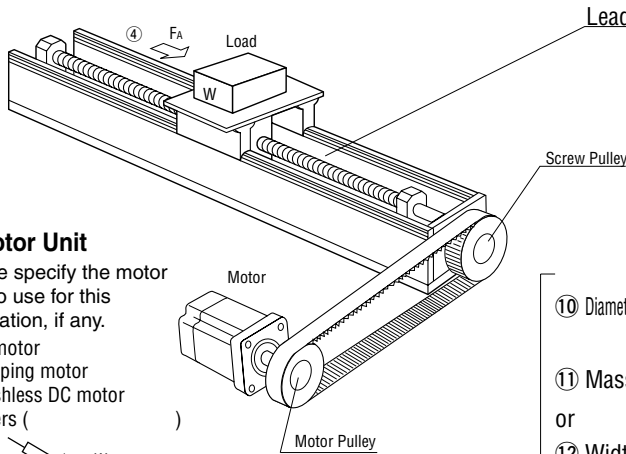


# Product Recommendation Information Sheet III: Belt/Lead Screw Application

## Drive Mechanism and Operating Data

Leave blank for any unclear items. Fill in your company, name, telephone number, etc. and send this form by fax. On our receipt of this form, we, Oriental Motor, will call you back.

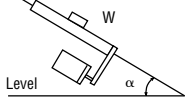
- |                        |  |      |  |  |    |
|------------------------|--|------|--|--|----|
| ① Move Distance        | <input style="width: 90%;" type="text"/> | mm   | ④ Push/Pull Force                        | <input style="width: 90%;" type="text"/> | N  |
| ② Time to Make Move    | $t_o$ :                                  | s    | Push Opposes, Pull Helps<br>(1kgf=9.8 N) |  |    |
| ③ Maximum Linear Speed | $v$ :                                    | mm/s | ⑤ Work + Table Mass                      | $m$ :                                    | kg |



### Motor Unit

Please specify the motor type to use for this application, if any.

- AC motor
- Stepping motor
- Brushless DC motor
- Others ( )

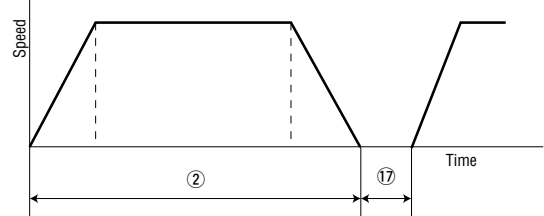


- |                    |          |  |        |
|--------------------|----------|--|--------|
| ⑥ Screw Diameter   | $D_B$ :  | <input style="width: 90%;" type="text"/> | mm     |
| ⑦ Screw Length     | $L_B$ :  | <input style="width: 90%;" type="text"/> | mm     |
| ⑧ Screw Pitch      | $P_B$ :  | <input style="width: 90%;" type="text"/> | mm/rev |
| ⑨ Screw Efficiency | $\eta$ : | <input style="width: 90%;" type="text"/> |        |

- |                   |   |  |
|-------------------|---|--|
|                   | Motor Pulley  | Screw Pulley   |
| ⑩ Diameter        | $D_{P1}$ : <input style="width: 90%;" type="text"/> | mm $D_{P2}$ : <input style="width: 90%;" type="text"/> |
| ⑪ Mass            | $m_{P1}$ : <input style="width: 90%;" type="text"/> | kg $m_{P2}$ : <input style="width: 90%;" type="text"/> |
| or                |   |  |
| ⑫ Width           | $L_{P1}$ : <input style="width: 90%;" type="text"/> | mm $L_{P2}$ : <input style="width: 90%;" type="text"/> |
| ⑬ Pulley Material | <input style="width: 100%;" type="text"/>           |  |
| ⑭ Belt Mass       | <input style="width: 100%;" type="text"/>           |  |

- |  |            |  |  |
|--|------------|--|--|
| ⑮ Screw Angle                                | $\alpha$ : | <input style="width: 90%;" type="text"/> | deg  |
| ⑯ Distance per Pulse<br>(For Stepping Motor) |            | <input style="width: 90%;" type="text"/> | mm   |
| ⑰ Stop Time                                  | $t'$ :     | <input style="width: 90%;" type="text"/> | s  |
| ⑱ Power Supply Voltage                       |            | <input style="width: 30%;" type="text"/> | Hz    Phase <input style="width: 30%;" type="text"/> |

### Operating Pattern



## Customer Information

Date: \_\_\_\_\_

Company: _____	Application: _____
Department/Title: _____	_____
Name: _____	Expected Quantity: _____ Units
Address: _____	Expected Purchase Date: _____
_____	Supply Source: _____
TEL: _____ EXT. _____	Sales Branch: _____
FAX: _____	_____

Safety Standards

List of Safety Standard Approved Products

ISO9001/ISO14001

Global Power Supply Voltages

Product Index

Product Recommendation Information Sheets