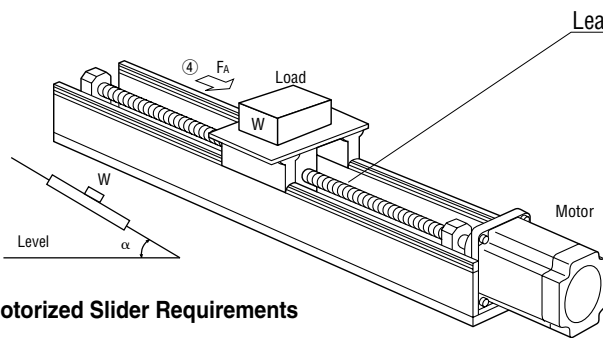


# Product Recommendation Information Sheet I : Lead Screw Application

## 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         | ⑥ Work + Table Mass                          | $m$ : <input style="width: 90%;" type="text"/> kg  |
| ② Time to Make Move   | $t_0$ : <input style="width: 90%;" type="text"/> s  | ⑦ Screw Angle                                | $\alpha$ : <input style="width: 90%;" type="text"/> deg                                      |
| ③ Maximum Linear Speed  | $v$ : <input style="width: 90%;" type="text"/> mm/s | ⑧ Distance per Pulse<br>(For Stepping Motor) | <input style="width: 90%;" type="text"/> mm  |
| ④ Push/Pull Force<br>Push Opposes, Pull Helps<br>(1kgf=9.8 N) | $F_A$ : <input style="width: 90%;" type="text"/> N  | ⑨ Stop Time                                  | $t'$ : <input style="width: 90%;" type="text"/> s  |
| ⑤ Stopping Accuracy   | $\pm$ <input style="width: 90%;" type="text"/> mm   | ⑩ Power Supply Voltage                       | Hz <input style="width: 40%;" type="text"/> Phase <input style="width: 40%;" type="text"/> V |



|                      |          |   |
|----------------------|----------|---|
| (a) Screw Diameter   | $D_B$ :  | <input style="width: 95%;" type="text"/> mm     |
| (b) Screw Length     | $L_B$ :  | <input style="width: 95%;" type="text"/> mm     |
| (c) Screw Pitch      | $P_B$ :  | <input style="width: 95%;" type="text"/> mm/rev |
| (d) Screw Efficiency | $\eta$ : | <input style="width: 95%;" type="text"/>        |

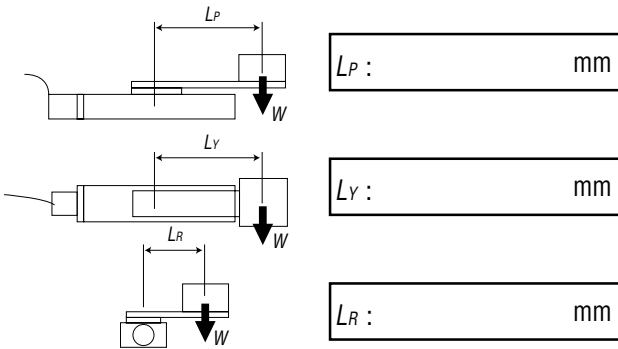
### Motorized Slider Requirements

|                                 |   |
|---------------------------------|---|
| Repetitive Positioning Accuracy | $\pm$ <input style="width: 90%;" type="text"/> mm |
| Stroke                          | <input style="width: 90%;" type="text"/> mm       |

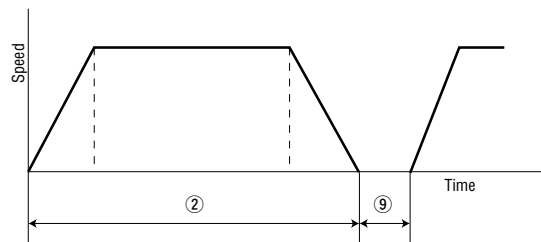
### Motor Unit

Please specify the motor type to use for this application, if any.  
 AC motor                       Stepping motor  
 Brushless DC motor         Others (                      )

### Load Installation Position on Motorized Slider



### Operating Pattern



## Customer Information

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

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

Safety Standards

List of Safety Standard Approved Products

ISO9001/ISO14001

Global Power Supply Voltages

Product Index

Product Recommendation Information Sheets