



# STÖBER

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## Application Data Sheet – Linear Motion Ball Screw

**Please email completed form to [technicalsupport@stober.com](mailto:technicalsupport@stober.com)**

### Contact Info:

Rep: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Distributor: \_\_\_\_\_ Fax: \_\_\_\_\_  
 End User: \_\_\_\_\_ Address: \_\_\_\_\_  
 City and State: \_\_\_\_\_ Email: \_\_\_\_\_

### Machine Info:

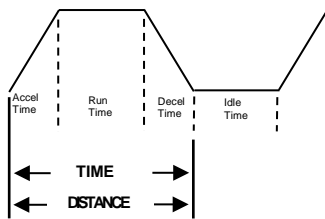
Machine Name: \_\_\_\_\_ Axis: \_\_\_\_\_  
 Controller or Drive Based: \_\_\_\_\_ Servo Drive / VFD MFG Part #: \_\_\_\_\_  
 Servo Motor MFG Part #: \_\_\_\_\_ Controller/PLC: \_\_\_\_\_  
 Gearbox Interested In:  Inline  Right angle  
 Machine Function: \_\_\_\_\_

### Axis Info Required:

#### BALL SCREW

Length of Ball Screw: \_\_\_\_\_  
 Efficiency (%): \_\_\_\_\_  
 Horizontal  Vertical  Incline: \_\_\_\_\_  
 Nut Inertia (kg-cm<sup>2</sup>): \_\_\_\_\_  
 Screw Pitch (mm/rev): \_\_\_\_\_  
 Screw Inertia (kg-cm<sup>2</sup>): \_\_\_\_\_  
 Slide Mass (kg): \_\_\_\_\_  
 Thrust force (N): \_\_\_\_\_  
 Coefficient of Friction: \_\_\_\_\_

### Motion Profile:



#### DISTANCE

Distance or velocity: \_\_\_\_\_

#### TIME

Accel: \_\_\_\_\_  
 Run Time: \_\_\_\_\_  
 Decel: \_\_\_\_\_  
 Idle: \_\_\_\_\_

### Notes:

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