

A wide range of applications can be solved effectively by more than one motor type. However, some applications are particularly appropriate for each motor type. Compumotor's Motor Sizing and Selection Software package is designed to help you easily identify the proper motor size and type for your specific motion control application.

This software helps calculate load inertias and required torques—information that is reflected through a variety of machine transmissions and reductions, including leadscrews, gears, belts, and pulleys. This software then produces graphs of the results, allowing you to select the proper motor from a comprehensive, detailed database of more than 200 motor models.

IBM® PC-compatible, Motor Sizing & Selection software also generates a number of application-specific reports, including profiles and speed/

torque curves that are based on user-provided information. This advanced graphics package is VGA/EGA compatible and allows data entry with either a mouse or keypad.

Contact your local Automotive Technology Center to obtain a copy.

**PARKER MOTOR SIZING AXIS SUMMARY**  
Version: 2.0  
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For Application Assistance call (888) 358-9878  
Outside the United States call (787) 584-7558  
Thu Jan 87 13:17:39 1998

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Application: Leadscrew  
Number of defined axes: 1  
Report for axis: 1

Description:  
Leadscrew axis with 58 lb load.  
Velocity of 5 ips, distance at speed of 24 inches.

Description	Axis	Profile	Print Report	Page Up
Transmission	Reducer(s)	Motor(s)	Exit	Page Down

  

Description	Axis	Profile	Print Report	Page Up
Transmission	Reducer(s)	Motor(s)	Exit	Page Down

  

Type	Move Time	Torque Margin	Inertia Ratio
S Microstepper	5.488	141.17%	4.89