



Optimize your motion control application's performance, cost and maintenance with informed motor selection

Selecting the right motor is a vital step in the design and performance of your motion control applications. Before you can choose a servo or stepper motor, DC or AC synchronous, however, you'll need to determine key requirements of your application. These include:

- Load on all axes
- Degree of precision required
- Amount of control needed over the process
- Available bus voltage
- Installation location of the motors



A recent article details this process and how to identify the motor speed, inertia and torque needed to choose the ideal motor for your application.

[Read the Article >](#)

[Find the Right Thomson Precision Linear Actuator with Motor >](#)

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Tech Tips Video: How to Vary the Speed of a Thomson Linear Actuator



If you ever need to vary the speed of your Thomson linear actuator, you can do so by adjusting the supply voltage. This brief video provides examples to help you better understand the concept as well as defines the Pulse Width Modulation process, which may be applicable to your actuator.

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Save time when searching for linear bearings with our new, enhanced online tool

When your machine design requires a specific type of linear bearing, it can sometimes be time-consuming and frustrating to find the exact model - especially when choosing from the world's largest selection of Linear Ball Bushing®, FluoroNyliner® and Roundway® bearings.

Thomson's enhanced online product finder tool for linear bearings addresses this problem, simplifying the search and selection process to help you identify the right part, get a 3D model and price FAST.

The tool is highlighted by a visual, application-based selection process that immediately narrows your bearing search and features the Thomson Store enhanced shopping experience, including up-front pricing and lead times.



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