



## What can CAN bus do for your industrial motion control applications?

Next-generation electric actuators that support CAN bus (control area network) communication are extending newfound intelligent controllability to linear motion applications, including those that previously used traditional electric actuators, hydraulic cylinders or manual operations. There has been a significant surge in adoption among industrial motion control applications, which require higher transmission rates, more bandwidth and ways to integrate motion control with other applications.

A recent article (also published in *Machine Design*) looks at how actuators integrated with J1939 CAN bus communication can result in greater control and design flexibility, faster engineering, more efficient installation, and overall lower cost of ownership for industrial automation applications.

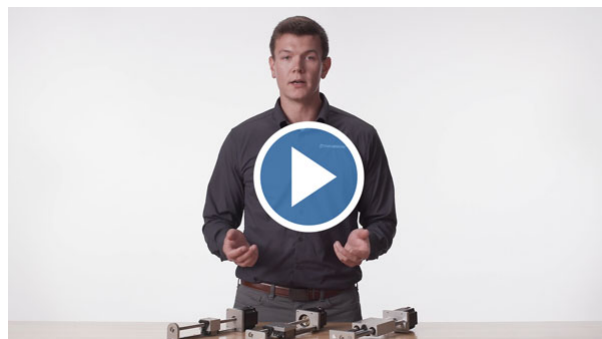


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[TRY OUR ELECTRIC ACTUATOR SELECTOR TOOL](#)

## VIDEO: How to Choose Your Ideal Compact Linear System

New Thomson compact linear systems address the need for thrust and bearing support in a single, small-scale unit for space-conscious applications. With both standard and “from scratch” configurations available, along with the guidance of an



experienced engineer, these systems help take the guesswork out of specifying multiple components for your linear motion designs.

Our new video dives into how you can have it your way with an overview of your selection options and how to use our online selector tool and virtual design consultation scheduler.

[WATCH THE VIDEO](#)

[BUILD YOUR IDEAL COMPACT LINEAR SYSTEM](#)

## Your online ball screw searches are now even easier

Using iterative feedback from users, we routinely implement new features to optimize your online ball screw selection experience and dynamically generate a suitable CAD model fast. For our ball screw selector tool, some recent updates include:

- Ability to select cut ends or standard machined ends.
- Faster processing time for calculations and table updates.
- More visually intuitive process for defining overall and threaded lengths.
- User interface more clearly highlights required inputs.



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