



How to fulfill your linear motion application's "need for speed"

Depending on your application, high speed is sometimes considered “the name of the game.” And when it comes to using profile (square) or round rail as part of a linear motion solution, many variables for each can affect your application’s speed. To optimize these rails for your desired speed requirements, it is vital for you to become familiar with the design factors that impact the speed of each component.



Beyond speed, choosing between round (left) and profile rail (right) depends on all motion parameters, such as load size, envelope and environmental factors.

A [recent article](#) takes a closer look at the speed factors for both profile and round rail in an effort to help designers make an informed selection.

READ THE FULL ARTICLE

ROUND VS. SQUARE RAIL
RECORDED WEBINAR

What is an SMLA, what types are available, and what can they do for you?

Watch the video

Precision lead screws can be combined with a stepper motor in a number of ways. At Thomson, we offer three configurations of stepper motor linear actuators to meet the various needs of our customers' applications. In this Tech Tips video, learn more about them and discover which of them can benefit your linear motion designs.



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[FIND YOUR IDEAL SMLA](#)

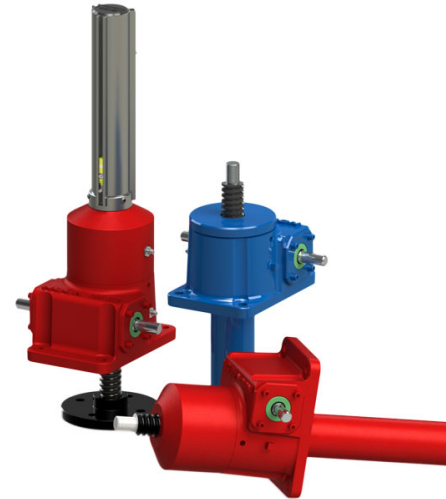
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