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A REGAL REXNORD BRAND

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eNews

Optimize application performance, cost and more by choosing the right motor

Optimizing motor selection for motion control applications can have significant performance, cost and maintenance benefits. Select too large a motor and you could overwhelm your actuators and incur unnecessary equipment and energy costs. Select too small a motor and you may not achieve the torque and speed you need for effective performance.

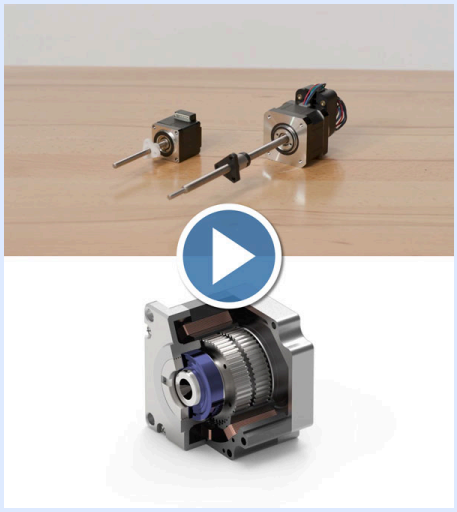
A recent article (also published in *Motion Design*) looks at the key considerations when selecting a motor for your motion control design, beginning with detailing your application requirements.

READ THE FULL ARTICLE

TRY OUR PRODUCT SELECTOR TOOLS

VIDEO: What is a Stepper Motor and How is it Useful for Linear Motion?

Combined with a precision lead screw, the stepper motor is utilized in one of Thomson's main product families – stepper motor linear actuators. Our Tech Tips video takes a closer look at this motor, its main components, how they work, and why they are useful in linear motion applications in comparison to other types of motors.

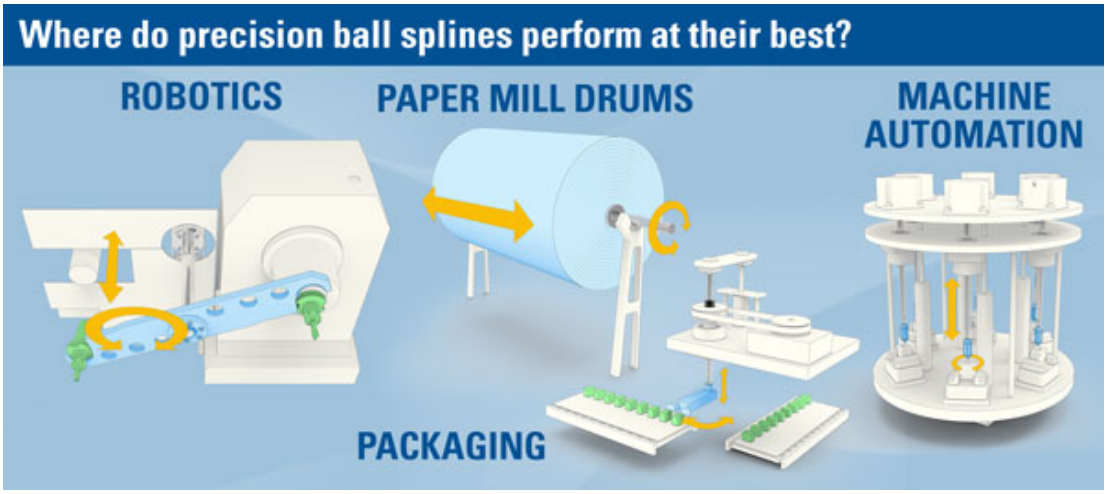


WATCH THE VIDEO

TRY OUR STEPPER MOTOR LINEAR ACTUATOR SELECTOR TOOL

Multi-axis motion has collided with maximum flexibility

Thomson precision ball splines offer nearly friction-free linear and rotary motion integrated on a single shaft. This capability gives designers more ways to compress an assembly, extend a stroke or distribute a load, and new flexibility to meet modern automation demands.



TRY THE BALL SPLINES SELECTOR TOOL

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