



Electric actuator advancements are making it easier to replace hydraulic systems

As electric actuators advance in load handling, durability and intelligence, their potential as hydraulic cylinder replacements continues to grow. Depending on your initial objectives for specifying hydraulic cylinders, there are an increasing number of electric alternatives that might meet — or even exceed — those specifications.



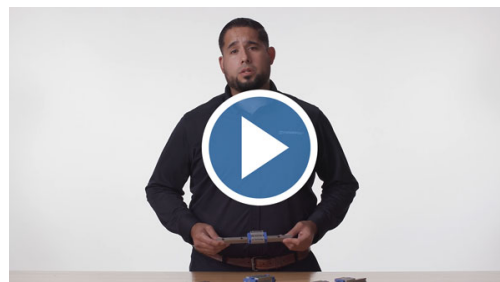
If you specify hydraulic systems, [this recent article](#) can help you evaluate the widening range of electric options available for your next application and how they could pay off handsomely.

READ THE FULL ARTICLE

TRY OUR ELECTRIC ACTUATOR
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VIDEO: What does accuracy class mean for your profile rail?

When it comes to profile rail, what is accuracy class and why is it important? This new video explains how accuracy class is defined and the three tolerances that compose its designation: running parallelism, pair variation and assembly accuracy.



WATCH THE VIDEO

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Multi-axis motion has collided with maximum flexibility

The next time your design calls for a high-precision, multi-axis motion component, Thomson has the ideal solution. Our [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.



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