

## Electromechanical Cylinders

Electromechanical cylinders (EMC) offer an all-electric plug-and-play alternative to hydraulic or pneumatic technologies for countless linear motion applications where high acceleration and high force are required. The cylinders can perform with the power of hydraulics and the velocity of pneumatics in a cost-effective and highly integrated package. Three main designs are available: modular with high-speed and high-resolution options, compact, and screw jack. EMCs compare favorably to hydraulic or pneumatic cylinders in providing a wide range of capabilities, including faster operation and longer travel under high load, high acceleration, high durability, and high rigidity.

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