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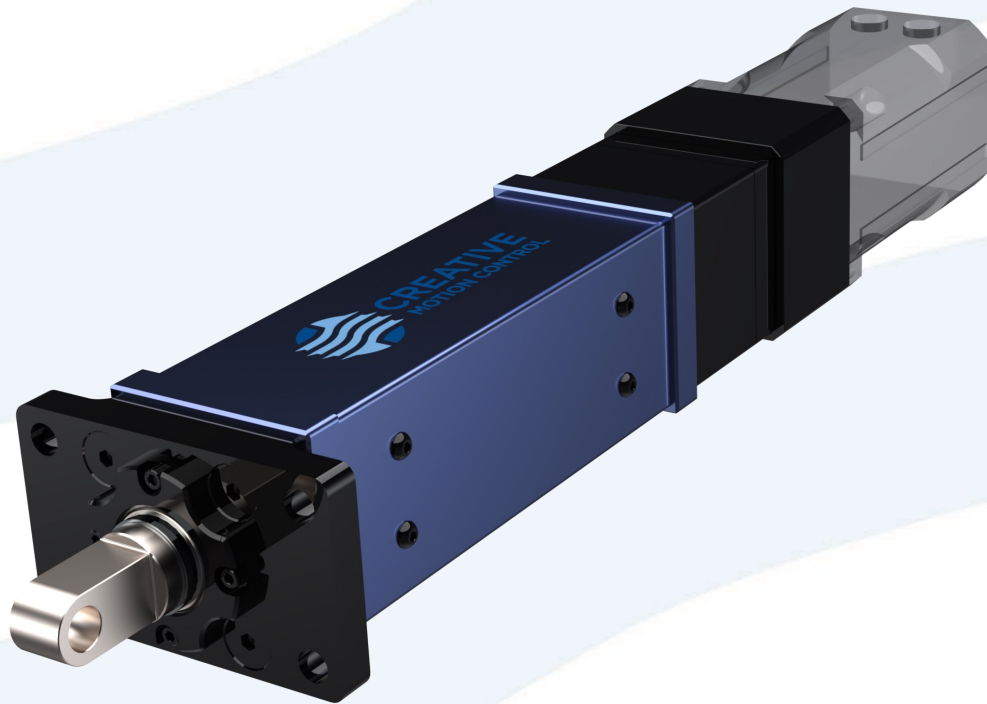


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LPD Actuators

Powerful, Compact Roller Screw Actuators

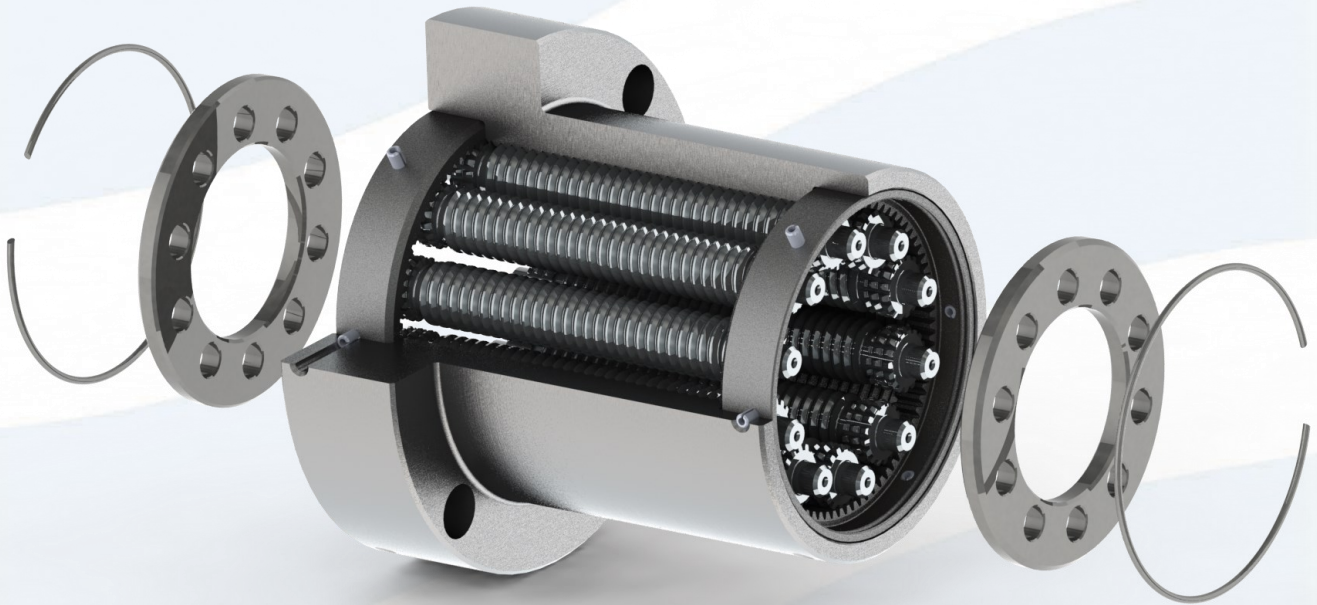


**COMPATIBLE WITH VIRTUALLY ANY SERVO
OR STEPPER MOTOR**

CREATIVE SOLUTIONS TO AUTOMATION'S MOST DEMANDING CHALLENGES

Roller Screw Performance Advantages

The main drive train of the LPD actuator is Creative Motion Control's (CMC) roller screw technology. Made in the USA, CMC roller screws provide higher loads, faster speeds and longer life when compared to other electric linear technologies, and all in a smaller form factor. They achieve these benefits with more accuracy and better repeatability even than other roller screw technologies commonly used in this market. These benefits also provide the forces required to make the LPD an excellent replacement for traditional fluid power solutions, with improved control and flexibility.



See CMC's Roller Screw catalog at www.creativemotioncontrol.com for more detailed roller screw technical information.

LPD Series Performance



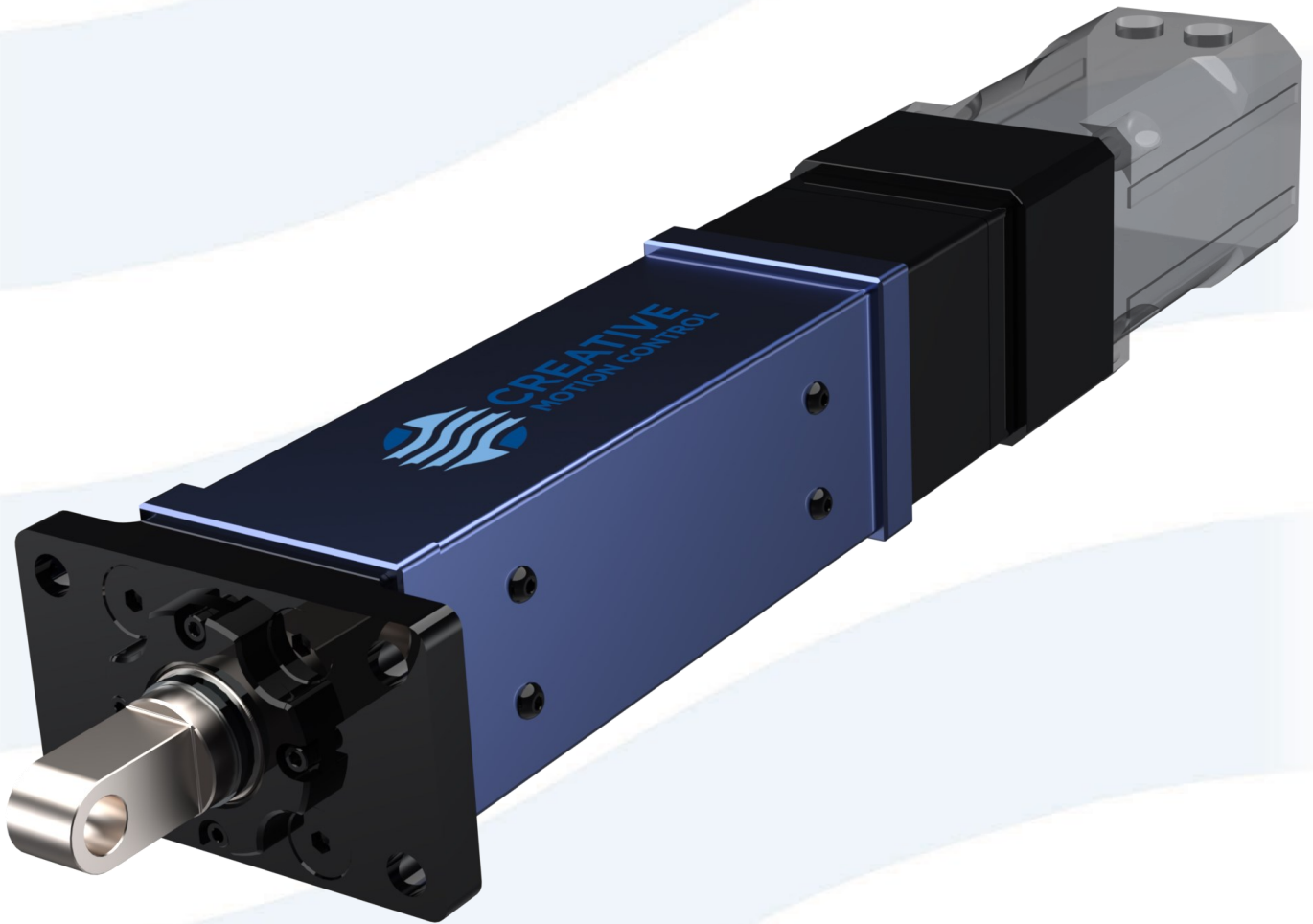
LPD Actuator Performance Overview

Model	LPD-250L	LPD-250M	LPD-250H
Frame Size (inches)	2.5	2.5	2.5
Max Continuous Dynamic Force (lbf)	750	1,500	3,750
Max Continuous Dynamic Force (kN)	3.34	6.67	16.68
Maximum Linear Speed (in/sec)	39	39	39
Maximum Linear Speed (mm/sec)	991	991	991
Available Roller Screw Leads (mm)	5, 10	5, 10	5, 10
Minimum Standard Stroke (in)	2	2	2
Maximum Standard Stroke (in)	36	36	36

NOTE: These values are the performance characteristics of the actuator itself, unrelated to limitations imposed by any specific motor.

For information on CMC's higher force, maintenance free roller screw actuators, go to www.creativemotioncontrol.com

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