

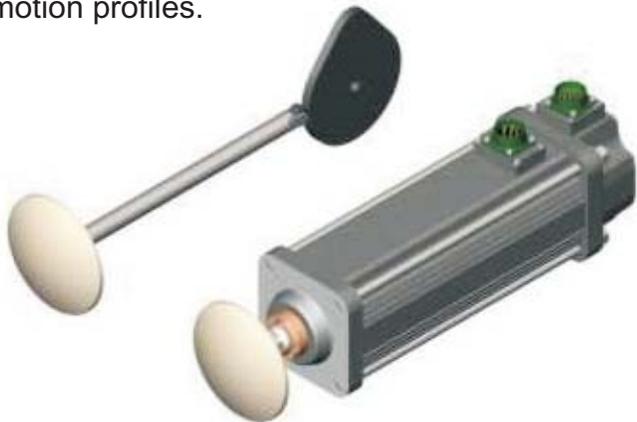
Small Package, High Acceleration

Replace Cams with High Thrust, High Speed, Accurate Actuators

Superior Performance

The compact size and high acceleration capability of the Exlar GSX Series servo linear actuators offers a high performance electro-mechanical alternative to cams. Replacing your cams with a GSX linear actuator will provide high thrust, high speed, accurate movement and the convenience of electronic profile changes.

Cam replacement with electronic actuation is perfectly suited to applications in machine tool, packaging, punching, forming, testing, assembly . . . any application that requires short strokes, relatively quick movements, continuous duty, high duty cycles and different motion profiles.



The Benefits of Servo Electric over Mechanical Cam

■ In many metal working applications, lubricants and cutting fluids may be present in the environment of the actuator. The IP65 sealed design of the Exlar GSX Series becomes a requirement in these cases.

■ The roller screw technology used in all Exlar actuators provides the long life and continuous duty required in these applications. Oil-cooling, an option with GSX Series actuators, allows higher loads and cycle rates.

Benefits (cont'd)

■ The Exlar GSX Series servo linear actuators provide strokes from 3 to 18 inches and peak force ratings to 25,000 pounds.

■ Speeds can be reached as high as 40 linear inches/second.

■ Low maintenance and long life are benefits of an electric actuator system. A roller screw actuator provides as much as 15 times the life of similar size ball screw actuators. This provides minimum downtime with a system designed for the rigors of continuous duty, high velocity, and high force.

■ The high shock load capacity of Exlar's roller screw actuators allows accurate positioning and long life even under heavy loads.

■ The T-LAM segmented lamination technology provides a 50% increase in motor torque over previous designs - in the same size package.

Exlar GSX Series, an integrated servo motor and linear actuator offers high speeds, high force ratings, and long life in a compact package.



Call us Today!

Contact us at **952-368-3434** to discuss your application. You may also visit www.exlar.com to locate the sales rep nearest you.

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