

New Development From:

EXLAR

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For Immediate Release



**Stainless Steel FT35 Linear Actuator
with Stainless Steel SLG90 Gearmotor**



**Food Grade SLG Series UL Recognized
Gearmotor shown with Exlar's FT 60
Linear Actuator**

Stainless Steel & Food Grade Epoxy Coated Motors and Actuators Available

Chanhassen, MN – October 1, 2004 – Exlar's linear actuators and brushless motors are now available with food grade epoxy coatings and all stainless steel construction. This, along with IP65 sealing, makes them suitable for all types of wash-down applications requiring the convenience and performance of servo electric actuation. The addition of food grade epoxy coatings and stainless steel construction makes them ideal for food processing or other applications with exposure to chemicals which would require the elimination of fluid power devices such as hydraulics and pneumatics.

With planetary roller screw technology, Exlar's FT Series actuators offer some of the highest force, electro-mechanical linear actuators available with stroke lengths to 8 feet and forces in excess of 40,000 pounds. Now made available with food grade epoxy coatings, and stainless steel construction, Exlar can offer these extreme performance advantages to customers with wash-down, food processing or chemical environment requirements.

Exlar's SLM and SLG series rotary servo motors and integrated servo gear motors with food grade epoxy coatings and all stainless steel construction mate with the FT Series actuator as shown above. Designed for applications that require wash down capability, Exlar's SLG Series gear motors are available in three frame sizes; 60, 90 and 115 mm with single and double reductions of 4:1, 5:1, 10:1, 16:1, 25:1, 40:1, 50:1, and 100:1. Output torques are available ranging 340 to 2900 lbf-in.

The brushless servo design of the all Exlar's integrated servo products allows them to be used in state-of-the art closed loop servo systems, where electronic control of positioning and velocity is required.

Suitable applications for Exlar's Food Grade motor/actuator combination include any food processing applications or those requiring wash-down. Exlar's success with these products includes but is not limited to volumetric filling in liquid packaging, automated pizza manufacturing, cheese processing, meat cutting, fruit juicing, ultrasonic knife cutting, mixing, blending, and cartoning of food products. Stainless steel construction provides a perfect solution for environments with exposure to chemicals such as semiconductor manufacturing, aircraft machining, fuel handling and process control applications.

Exlar Corporation has capabilities allowing custom motors to be manufactured to meet the needs of your application. Whatever your special requirements are – custom shafts, custom mountings, custom stators, custom housing materials, or custom connectorization, Exlar is pleased to discuss your specific OEM application needs.

Exlar's SLM Series motors and SLG Series gearmotors are CE marked (89/336/EEC) and UL Recognized.

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Exlar Corporation designs, manufactures and sells linear and rotary motion products worldwide. For general product information, contact Exlar Corporation, 1470 Lake Drive West, Chanhassen, MN 55317, phone 952-368-3434, and fax 952-368-4359. Visit our website at www.exlar.com.