



FOR IMMEDIATE RELEASE

News Release

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Media Contact:

Cheryl Sabatelli
(631) 404-3173
cheryl.sabatelli@us.festo.com

**For high resolution image,
please contact Cheryl
Sabatelli**



Belt Driven Linear Actuator with Internal Roller Guide
High speed, load capacity, accuracy, and repeatability

DGE-RF offers high performance and a flexible design for a wide range of applications. The DGE-RF is ideal for applications requiring high speeds (10m/s) for working strokes up to 5m, with low noise, repeatability of +/- 0.1mm, loads up to 600N, and the ability to operate in a contaminated environment. The guidance system of the DGE-RF is comprised of high capacity precision rollers that operate on a hardened steel surface. The unit provides a low maintenance system because roller bearings maintain lubrication better than typical recirculating ball type linear bearings.

Festo Corporation

395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788
Phone: (631) 435-0800
FAX: (631) 231-3215
www.festo.com/us



Key Features

- Roller guide technology provides high load capacity and minimal friction, resulting in very smooth motion, high speeds, and quiet operation for highly dynamic positioning tasks.
- Internally protected roller guide with integrated grease reserves provides extremely low-maintenance. Re-greasing is accomplished from the outside, without having to open the axis.
- Easily allows mounting of either Festo motor or third party motor.
- Adapts easily to the multi-axis modular system thanks to the concept of mounting options on three sides of the main profile.
- Plus, Festo quality, service and global support.

Contact Information for Festo:

Phone: 800-99-Festo; Fax: 800-96-Festo

E-mail: customerservice_us@festo.com

Website: www.festo.com/us

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