



News Release

Festo Introduces Its Next Generation Belt Drive – The ELGA-TB

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HAUPPAUGE, NY, September 3, 2014 — Festo introduces the ELGA-TB, the company's next generation belt drive. In comparison to the series it replaces, the ELGA-TB features improvements in feed forces, payload, and list price. The ELGA-TB is available in three sizes and two styles of guides to accommodate a wide range of application requirements.

The ELGA-TB-RF uses roller bearing guides, making it the ideal rugged and built-to-last solution for dynamic, long-stroke applications where high speeds, feed forces, and accelerations are required. The ELGA-TB-G uses a plain bearing guide for applications with small or externally-guided loads.

The ELGA-TB-RF is rated at speeds up to 33 feet/second (10 meters/second) and acceleration of up to 164 feet/second² (50 meters/second²). The maintenance interval for is rated at 393 million inches (10 million meters) traveled. Repeatability is rated at up to $\pm .003$ inches (± 0.08 mm). Working stroke for the new series ranges from 1.97 inches to 28 feet (50 mm to 8.5 meters). Feed force ranges from 350 to up to 1,300 N.

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A corrosion resistant cover strip provides protection for belt and bearings in dirty environments. A magnetic attachment for the cover strip ensures protection when the belt drive is inverted.

Versatile motor attachment

The new series has flexible motor attachments – the motor can be mounted at four different positions and motor position can be changed at any time. The drive is compatible with all common stepper and servo motors.

Festo [PositioningDrives sizing software](#) helps OEMs reliably select the right axis, while the Festo Configuration Tool ensures convenient and easy commissioning.

“Festo believes that state-of-the-art industrial design, quality manufacture, and support services are strategic for both itself and its customers,” said Frank Langro, Director of Marketing and Product Management. “The ELGA-TB series delivers outstanding performance for OEMs looking for every ounce of competitive advantage.”

For more information on the Festo ELGA-TB series of high speed roller and plain bearing belt drives, call Festo at 800-993-3786 and visit <http://www.festo.com/us>.

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About Festo

Festo is a leading manufacturer of pneumatic and electromechanical systems, components, and controls for process and industrial automation. For more than 40 years, Festo Corporation has continuously elevated the state of

manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment.

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