



News Release

Festo Adds a Heavy Duty Unit to its Popular EGC Line of Toothed Belt and Ball Screw Electric Actuators

The EGC-HD (heavy duty) load bearing capacity is twice that of the EGC

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HAUPPAUGE, NY, (Date) — [EGC](#) model toothed belt and ball screw electric actuators from Festo deliver high speed, response, and dynamic rigidity. The new EGC-HD (heavy duty) model builds on those capabilities and adds load-bearing capacity to its specifications – twice the load bearing of the EGC actuator.

The [EGC-HD](#) electric actuator features recirculating ball bearing guides that helps absorb lateral forces and torques. With a toothed belt or ball screw drive and two parallel guides, the EGC-HD is perfect for cantilevered systems. The toothed belt model EGC-HD-TB offers flexible motor connections on all four sides. Due to this flexible motor mounting feature Product Manager, Nuzha Yakoob, states “changes to motor configuration can be made at any time. The OEM can define a standard motor attachment with a single part number and modify that to an alternate position as needed to suit machine and customer needs.” The EGC-HD offers a more cost-effective solution than two parallel axes.

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Like all EGC electric actuators, the EGC-HD offers a multi axis and modular positioning system and standardized interfaces for all drives and motor packages. Festo's free [PositioningDrives software](#) simplifies the selection process and eliminates costly oversizing. Specially developed profiles with optimized cross section give the EGC-HD maximum rigidity and load capacity.

Optional sensing

Inductive proximity sensors can be included with these actuators. Flush mounting of up to two sensors effectively eliminates protruding edges outside of the drive's cross section. An LED status display is visible regardless of approach direction.

Key specifications

Max. stroke	2,400 - 5,000 mm
Max. speed	1.5 – 5 m/s
Max. acceleration	15 – 50 m/s ²
Repetition accuracy	±0.02 - ±0.08
Max. feed force	1,300 – 1,800 N
Torque Mx axis	900 Nm
Torques My/Mz	1,450 Nm

For more information on the Festo EGC-HD and all EGC models, 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. **Connect with Festo:** [Facebook](#), [YouTube](#), and [Twitter](#)