Linear actuator maintains small mechanical footprint

Haydon Kerk Motion Solutions introduces the extended stroke captive 19000 series linear actuator. The extended stroke 19000 series is the latest addition to the popular high output can-stack line offered by Haydon Kerk. The 1.22” (31mm) stroke length allows a greater range of linear motion while at the same time, maintaining the small mechanical footprint for use in demanding applications requiring compact components. With a body diameter of only 20mm and a linear force of up to 180 oz (50N), this linear actuator easily outperforms similar sized units in the marketplace today.

The 19000 can-stack linear actuator uses the latest technology in both materials and manufacturing. Technical enhancements compared with the typical can-stack motor found in the marketplace includes optimized stator tooth geometry, high energy neodymium magnets, custom engineered polymers, and larger ball bearings. The resulting system is a tiny linear actuator with high force, high accuracy, and unmatched durability.

The high output can-stack line provides exceptionally high force-to-size ratios and is ideal for a variety of applications including precision medical equipment, scientific instrumentation, scanning devices, advanced optics, and other mechanisms requiring high force in a small package size.

For more information on the entire line of Haydon linear actuators, visit Haydon Kerk at www.HaydonKerk.com [1].

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[1] http://www.HaydonKerk.com