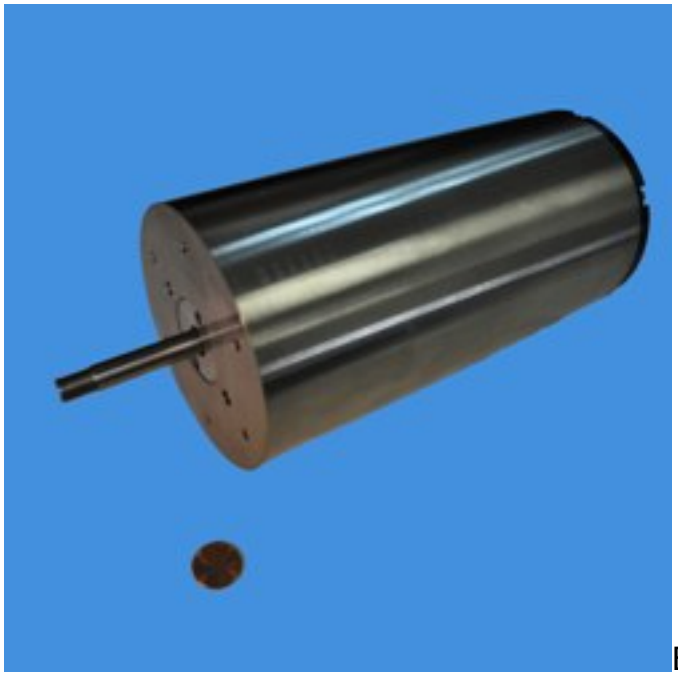
Housed Voice Coil Actuator Features High Performance Capabilities



BEI Kimco Magnetics, a company of Custom Sensors & Technologies (CST), Inc., has introduced the LAH43-86-000A High Force Housed Actuator as the latest addition to its growing line of housed actuators. The newest model has the highest force capability of the family as well as self alignment features.
The LAH43-86-000A VCA produces 310 lbs. of peak force (80 lbs. continuously) with ±0.625 inches of stroke. The unit's self-aligning feature allows customer to easily adapt it to new applications, rather than having to provide their own alignment system to un-housed actuators. Additionally, the inherent benefits of voice coil technology result in a controllable product that can achieve high accelerations.

The advantages of voice coil technology, as well as the self-alignment feature, make the new VCA well suited for valve actuation, pick and place, mirror steering, pumps for metering and dosing in a wide range of equipment found in such industries as industrial, medical, scientific, semiconductor/electronics, military and aerospace.

"The new VCA was developed as a natural progression in expanding our capabilities and product offering," says Jim McNamara, Senior Applications Engineer and Project Manager for BEI Kimco Voice Coil Actuators. "The superior performance it provides in a housed self aligning package makes it a unique product on the market."

BEI Kimco products have been used successfully in countless applications from high-end Industrial to Military and Aerospace to Medical applications. The ability to provide high performance solutions tailored to the specific needs of the customer has allowed BEI Kimco to fulfill many challenging requirements.

Source URL (retrieved on *06/19/2013 - 7:26am*):
http://www.mdtmag.com/product-releases/2011/10/housed-voice-coil-actuator-features-high-performance-capabilities?qt-video_of_the_day=0