

Akribis Systems

Where Precision Matters



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The Akribis Logo

Akribis is a Latinized Greek word that means "Precision". On the logo, the alphabet "a" is formed by a line and a circle, representing linear and rotary motions.

Akribis enters North American market

Akribis Systems is pleased to announce that it has started working with several distributors in the USA to sell our products. Our products have already been sold in Singapore, Japan, Germany, France, Australia, Italy, Malaysia, Thailand, Taiwan and China. With this new entry into the USA market, we expect more growth in our business in the next few years.

AUM Series high performance ironless linear motors

Akribis is proud to feature the AUM series ironless linear motors in this newsletter. These family of U channel ironless linear motors comes in 4 sizes, AUM 2, 3, 4 and 5. Thanks to a patent pending technology, these motors provide very high continuous force and peak force, while maintaining a very short coil length. Compared to some other products in the market, the AUM series provides up to 2 times the performance!



For example, AUM4-S2 has the following performance specifications compared with other brands in the industry:

Model	AUM4-S2	Other brands in industry
Coil length	121 mm	132 mm – 144 mm
Continuous force	112 N	61 N – 92 N
Peak force	448 N	200 – 410 N
Motor constant *	15.8 N/√W	6.7 - 14.0 N/√W

* Motor constant is a measure of the performance (efficiency) of a motor.

Digital hall sensors are included on all models to provide commutation logic or jerk free initial start up on drivers utilizing sinusoidal commutation.

Other than using the AUM series as components for design, customers can also purchase integrated linear motor modules from Akribis Systems. We have one of the widest range of linear motor modules to offer in the industry!

For more information, visit www.akribis-sys.com

