



# PressRelease

## Editorial Contacts:

Lisa Wade, Galil Motion Control, Inc.  
916-626-0101, lisaw@galilmc.com  
Al Bru, McMullen Advertising, Inc.  
408-730-0490, albru@mcmullenad.com

## For Immediate Release

### **Galil's New Nema 23 Brushless Servo Motor Provides Low Cost, High Performance For OEMs**

*Provides High Torque-To-Inertia Ratio For Fast Acceleration  
And High Response Point-To-Point Applications*

**Rocklin, CA., January 7, 2003**—Galil Motion Control, the industry innovator in motion control technology, introduces the newest addition to their line of servo motors, the BLM-N23-50-1000. This brushless servo motor features a 1000 pulses per revolution (PPR) incremental encoder and provides for a high torque-to-inertia ratio, making it ideal for point-to-point applications requiring fast, highly responsive acceleration.

“Priced at only \$295 in 100 unit quantities, the BLM-N23-50-1000 is a low-cost, high performance motor well suited for OEM applications,” says Lisa Wade, VP-Marketing and Sales at Galil. “Its small, Nema 23 frame has a length of only 3.7 inches and weighs just 1.8 pounds.”

Galil's BLM-N23-50-1000 provides for smooth, low speed performance with extremely low cogging. This allows for highly accurate motion profiling at all speeds. Additionally, the BLM-N23-50-1000 features 46 oz-in of continuous torque, 286 oz-in of peak torque, and a 5500-rpm maximum speed at 48 volts. A torque constant of 11.4 oz-in/amp produces 46 oz-in of continuous torque at 4 amps. Its mounted 1000 line differential quadrature encoder has differential hall sensors and shielded cable to ensure noise immunity.

Also, the BLM-N23-50-1000 uses a high-energy, rare earth permanent magnet made of samarium cobalt. This is designed to extend operating life, and provide for high power rates and a wide operating temperature range.

For more information on the BLM-N23-50-1000  
Brushless Servo Motor, contact Lisa Wade, VP-Marketing



and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, 800-377-6329, [lisaw@galilmc.com](mailto:lisaw@galilmc.com), Ph. 916-626-0101, Fax 916-626-0102, [www.galilmc.com](http://www.galilmc.com). Additional details and specifications can be viewed at [http://www.galilmc.com/catalog/blm\\_n23.pdf](http://www.galilmc.com/catalog/blm_n23.pdf).

### **About Galil Motion Control, Inc.**

Privately held and profitable for over 68 straight quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal, world-famous innovator and educator in motion control. Galil became the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 300,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, and food processing and textile industries. Recently, Galil has introduced several motion controllers for the Ethernet.

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