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For Immediate Release

StepSERVO™ Integrated Motors from Applied Motion Products Provide Cost-Effective and High-Speed Motion Control

Watsonville, CA...June 5, 2018...[Applied Motion Products](http://www.applied-motion.com) introduces three models of StepSERVO™ Integrated Motors that provide cost-effective and high-speed motion control for high throughput applications such as packaging and labeling, automated test and measurement, and automated assembly. With encoder feedback and advanced control loops that incorporate servo control, Applied Motion StepSERVO Integrated Motors provide a cost-effective motion control system that operates faster, cooler and quieter than competitive technology.

Using closed loop feedback and advanced control technology, Applied Motion StepSERVO Integrated Motors create more torque for higher acceleration in meeting faster machine cycles that results in greater productivity. The StepSERVO Integrated Motors also operate cooler and more quietly than standard motors by drawing just enough current to control the load. In fact, closed loop StepSERVO Integrated Motors automatically reduce current to the motor when the load is not demanding torque and provide reductions of 10 dB in noise due to less current in the motor windings.

“Our StepSERVO Integrated Motors combine a high-resolution incremental encoder and closed-loop servo firmware to create peak torques up to 50% higher than open loop step motors, as well as cooler and quieter operation,” explains Eric Rice, Marketing Director, Applied Motion Products. “As motor power consumption is often an issue for faster machines, our StepSERVO Integrated Motors consume less power to reduce operating costs.”

Applied Motion Products offers three models of StepSERVO Integrated Motors that support step and direction, streaming commands, fieldbus communications and stored Q programming for standalone operations.

- [TSM Series](#) Integrated Motors feature 8 digital inputs, 4 digital outputs and 1 analog input and support RS-232, RS-485, CANopen, Ethernet, EtherNet/IP and Modbus communications. Motors are available in various frame sizes, including a new [NEMA 34](#).
- [SSM Series](#) Integrated Motors feature 3 digital inputs, 1 digital output and 1 analog input and support Ethernet, EtherNet/IP and Modbus TCP communications.
- [TXM Series](#) Integrated Motors combine the features of the TSM Series with IP65 rated environmental capabilities and M12 connectors for operating in wet and dusty environments.

For more information on Applied Motion Products' StepSERVO Integrated Motors, visit the [website](#). An [online selection guide](#) makes it easy to choose the right StepSERVO motor. Or contact Applied Motion Products for technical support by completing the online [contact form](#) or calling 1-800-525-1609.



About Applied Motion Products

Founded in 1978, Applied Motion Products specializes in high-precision, cost-effective motion control products including stepper and servo motors, drives, controllers, gearheads, and power supplies. The company serves a diverse industrial and OEM customer base with both standard and customized products. With in-depth motor and control expertise, Applied Motion Products works with customers from initial concept and design through finished product and production to provide the best motion control solutions to a range of markets. Find out more at <https://www.applied-motion.com/> or contact the company at 1-800-525-1609.