

*For immediate release*

**Allied Motion Introduces EnduraMax 75i Brushless Motor with Integral Drive:  
75 mm Motordrive Unit for Maximum Torque, Speed, and Positioning Control**

**Amherst, NY** – May 1, 2019 – Allied Motion Technologies has introduced the [EnduraMax 75i Series](#), a 75 mm diameter brushless DC motor with an all-digital integrated drive. The compact, high power density EnduraMax 75i is capable of controlling torque, speed, and position in a wide range of commercial/industrial applications including: AGV vehicle traction or steering, medical patient-handling equipment, rotary/linear actuators, pumps, mobile HVAC blowers, and material handling systems. Compared to brush DC motors, the cost-effective EnduraMax 75i features quieter operation and longer life without the need for brush maintenance, making it the ideal choice in equipment modernizations and new designs.

The EnduraMax 75i offers three standard stack lengths with continuous rated power up to 370W, continuous rated torque up to 1.3 Nm (190 oz-in), and rated speed of up to 5150 RPM. The 12, 24, or 48 VDC winding voltage choices make the EM75i ideal for battery-powered applications. Command inputs may be:  $\pm 10$  Vdc, 4 - 20 mA, or via an optional CANopen or Modbus port. Customized winding designs and voltages, shaft, and mounting options are available to meet custom application requirements.

Options include:

- Integration with Allied Motion gearboxes
- Stainless steel shaft
- 9 or 10 mm diameter shaft
- Pre-made connectorized cables
- Integral holding brake
- Sealed ball bearings
- IP67 protection level
- Stainless steel shaft and more

For a complete list of features and options, please download the [EnduraMax 75i datasheet](#).

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**About Allied Motion Technologies Inc.**

Allied Motion Technologies (NASDAQ: AMOT), designs, manufactures and sells precision and specialty motion control components and systems used in a broad range of industries within our major served markets, which include Vehicle, Medical, Aerospace & Defense, Electronics and Industrial. The Company is headquartered in Amherst, NY, has global operations and sells into markets across the United States, Canada, South America, Europe and Asia.

Allied Motion is focused on motion control applications and is known worldwide for its expertise in electro-magnetic, mechanical and electronic motion technology. Its products include brush and brushless DC motors, brushless servo and torque motors, coreless DC motors, integrated brushless motor-drives, gear motors, gearing, modular digital servo drives, motion controllers, incremental and absolute optical encoders, and other associated motion control-related products. The Company's growth strategy is focused on becoming the motion solution leader in its selected target markets by leveraging its "technology/know how" to develop integrated precision motion solutions that utilize multiple Allied Motion technologies to "change the game" and create higher value solutions for its customers.

**For more information, visit [www.alliedmotion.com](http://www.alliedmotion.com), email: [inquiry@alliedmotion.com](mailto:inquiry@alliedmotion.com), or call 716.242.7535.**