

For immediate release

Allied Motion Introduces KinetiMax 95 HPD High Power Density Brushless Motors

New brushless DC outer-rotor motor frameless stator/rotor set features a 95 mm diameter, 2 Nm continuous torque, and up to 1100 watts peak power

Amherst, NY – November 29, 2018 – Allied Motion Technologies has introduced the KinetiMax 95 High Power Drive (HPD), an outer-rotor brushless motor. This frameless parts set motor is designed to maximize power density for its volume with a nominal output torque of 2 Nm at 2300 RPM, resulting in 480 watts of continuous output power. At only 37 mm axial length, this compact stator-rotor set is an ideal solution for applications where motor length is critical. Its large clear 59 mm inner diameter allows many types of cabling, light beams, etc., to pass through the stator bore. The KM 95 HPD also features low cogging torque to enhance performance in servo-type applications.

The KinetiMax's high efficiency of over 87% helps realize energy and cost savings in mobile applications such as material handling systems, AGVs, mobile robots, handheld power tools, and more.

The KinetiMax 95 HPD highlights include:

- 24 or 60 volt winding
- Rated torque: 2 Nm (283 oz-in) and 480 W output at 2300 RPM
- Large inner hollow bore of 59 mm
- Compact length of 37 mm
- High torque-to-weight ratio (3.39 Nm/kg at rated torque)
- Options include: Winding temperature sensor and Hall commutation sensors

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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, email: inquiry@alliedmotion.com, or call 716.242.7535.