

KinetiMax Brushless DC Motors

Allied Motion's KinetiMax are outer rotor brushless DC Motors with integrated drive electronics.

KinetiMax Brushless DC Motors:

- 5 frame diameters are offered
- Rated output power up to 50W and rated torque up to 170 mNm (24 oz-in)
- Their external rotor and iron core stator have minimum cogging and maximize output torque
- Higher inertia of the outer rotor design means a smoother running motor also at low speed
- KinetiMax offers cost-effective solutions
- KinetiMax are successfully employed in many types of small pumps, blowers and laser scanners



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KinetiMax Brushless DC Motors



KinetiMax 24



- Small precision 24 mm diameter brushless DC motor
- Rated up to 2.7W power output at 4300 RPM
- 6, 12 or 24 VDC winding choice

KinetiMax 32



- 32 mm diameter, outer rotor brushless DC motor
- Rated 32 mNm and 16W output at 4750 RPM
- 12 or 24 VDC winding choice

KinetiMax 42



- 42 mm diameter, outer rotor brushless DC motor
- Rated 70 mNm and 31W output at 4300 RPM
- 12 or 24 VDC winding choice

KinetiMax 54



- 54 mm diameter, outer rotor brushless DC motor
- Up to 40 mNm continuous torque and 16w output rating
- 12 or 24 VDC winding choice

KinetiMax 68



- Small precision 68 mm diameter brushless DC Motor
- Models rated at 35W and 50W power output, torque up to 170 mNm, nominal speed up to 4000 RPM
- 24 VDC winding choice

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