



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 50 mm stator OD
- 8.2 mm stack length
- 0.243 Nm rated torque
- 0.599 Nm peak torque
- 6471 RPM rated speed
- 165 W rated power
- 48 VDC bus voltage

FEATURES

- Highly Integrated
- High Torque
- High Efficiency
- Optional Hall Sensors

OPTIONS

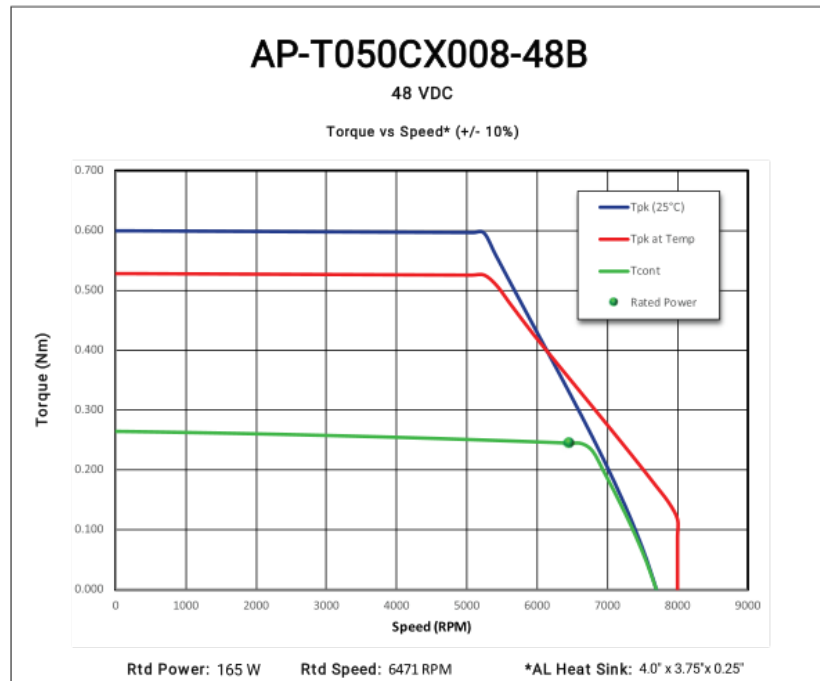
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T050CH008-48B	Stator OD	50 mm
Rotor ID	24.74 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	6471 RPM
Rated torque	0.243 Nm	Peak torque	0.599 Nm
Max continuous torque	0.264 Nm	Rated power	165 W
Max continuous current	4.13 Arms	Peak current	8.594 Arms
Resistance	0.8922 Ohm	Inductance	0.5065 mH
Back EMF	6.22 Vpk/kRPM	Torque constant	0.064 Nm/Arms
Commutation	sine	Poles	14
Weight	0.098 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	4.0" x 3.75" x 0.25"
No-load comm. frequency	900 Hz	Motor constant	0.063 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

