



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 50 mm stator OD
- 8.2 mm stack length
- 0.244 Nm rated torque
- 0.597 Nm peak torque
- 7800 RPM rated speed
- 199 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

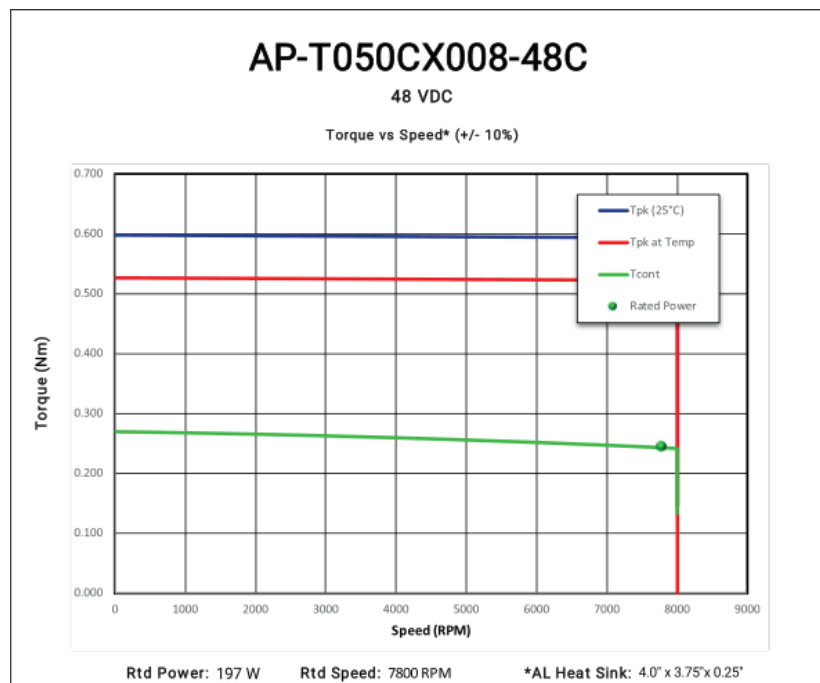
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T050CH008-48C	Stator OD	50 mm
Rotor ID	24.74 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	7800 RPM
Rated torque	0.244 Nm	Peak torque	0.597 Nm
Max continuous torque	0.269 Nm	Rated power	199 W
Max continuous current	6.5 Arms	Peak current	13.2 Arms
Resistance	0.36 Ohm	Inductance	0.2135 mH
Back EMF	4.037 Vpk/kRPM	Torque constant	0.041 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	933 Hz	Motor constant	0.064 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

