



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 50 mm stator OD
- 26.3 mm stack length
- 0.659 Nm rated torque
- 1.75 Nm peak torque
- 6003 RPM rated speed
- 414 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

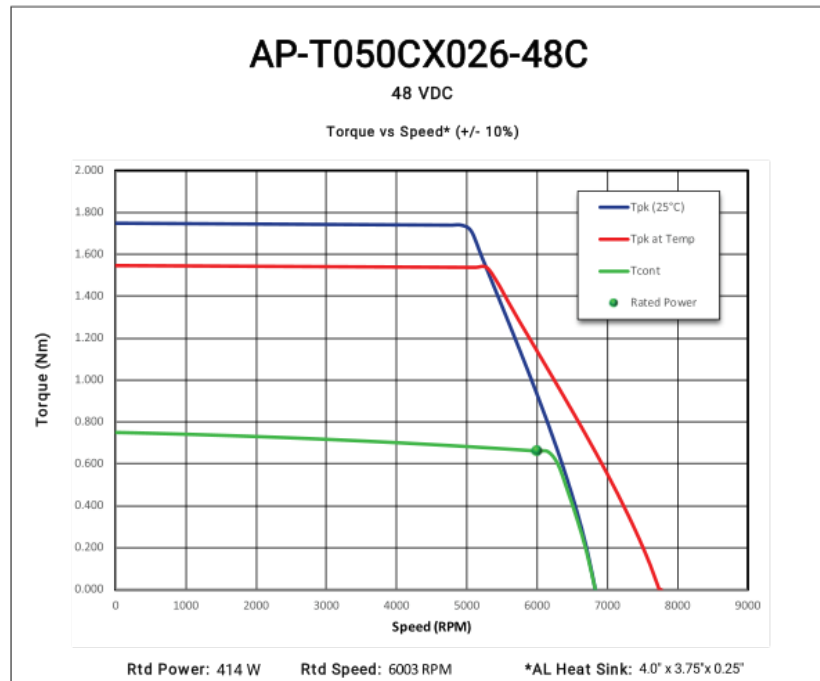
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T050CH026-48C	Stator OD	50 mm
Rotor ID	24.74 mm	Stack length	26.3 mm
Bus voltage	48 VDC	Rated speed	6003 RPM
Rated torque	0.659 Nm	Peak torque	1.75 Nm
Max continuous torque	0.752 Nm	Rated power	414 W
Max continuous current	10.43 Arms	Peak current	22.28 Arms
Resistance	0.24 Ohm	Inductance	0.2064 mH
Back EMF	7.016 Vpk/kRPM	Torque constant	0.072 Nm/Arms
Commutation	sine	Poles	14
Weight	0.25 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	4.0" x 3.75" x 0.25"
No-load comm. frequency	798 Hz	Motor constant	0.137 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

