



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 50 mm stator OD
- 26.3 mm stack length
- 0.722 Nm rated torque
- 1.75 Nm peak torque
- 1507 RPM rated speed
- 114 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

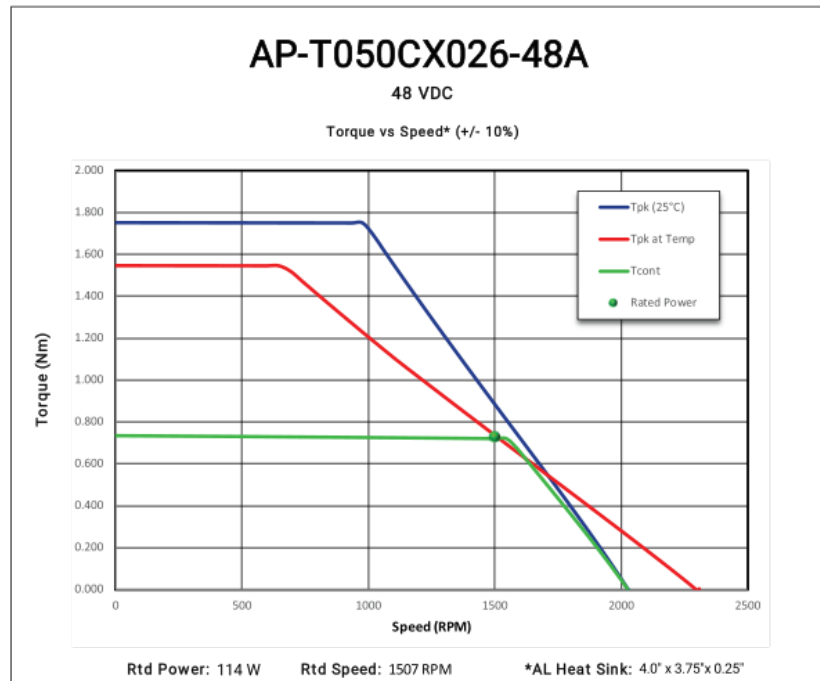
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T050CH026-48A	Stator OD	50 mm
Rotor ID	24.74 mm	Stack length	26.3 mm
Bus voltage	48 VDC	Rated speed	1507 RPM
Rated torque	0.722 Nm	Peak torque	1.75 Nm
Max continuous torque	0.736 Nm	Rated power	114 W
Max continuous current	3.04 Arms	Peak current	6.62 Arms
Resistance	2.731 Ohm	Inductance	2.335 mH
Back EMF	23.6 Vpk/kRPM	Torque constant	0.242 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	237 Hz	Motor constant	0.136 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

