



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 50 mm stator OD
- 26.3 mm stack length
- 0.709 Nm rated torque
- 1.749 Nm peak torque
- 3411 RPM rated speed
- 253 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

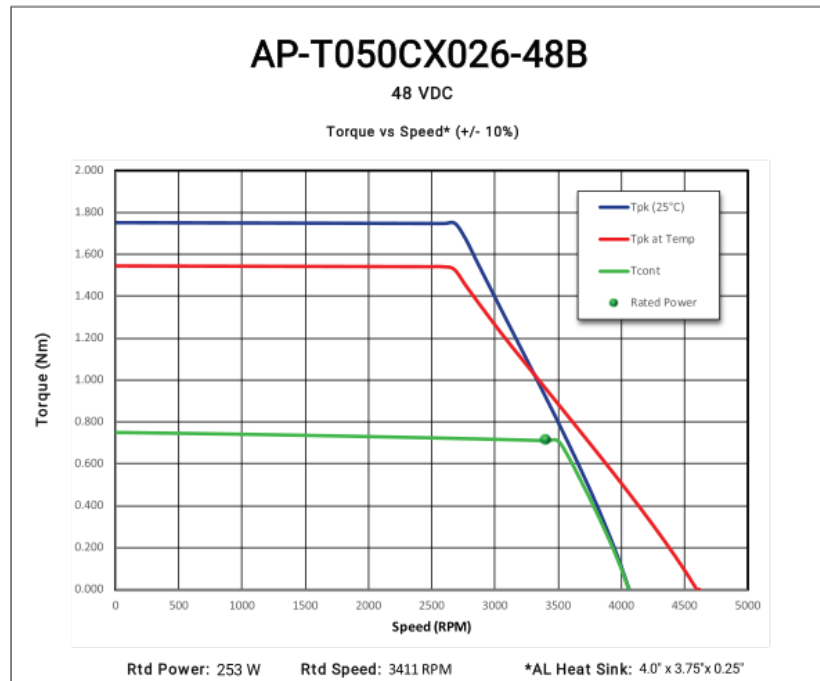
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T050CH026-48B	Stator OD	50 mm
Rotor ID	24.74 mm	Stack length	26.3 mm
Bus voltage	48 VDC	Rated speed	3411 RPM
Rated torque	0.709 Nm	Peak torque	1.749 Nm
Max continuous torque	0.749 Nm	Rated power	253 W
Max continuous current	6.19 Arms	Peak current	13.24 Arms
Resistance	0.6828 Ohm	Inductance	0.5837 mH
Back EMF	11.8 Vpk/kRPM	Torque constant	0.121 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	475 Hz	Motor constant	0.136 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

