



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 8.2 mm stack length
- 0.396 Nm rated torque
- 1.161 Nm peak torque
- 7067 RPM rated speed
- 293 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

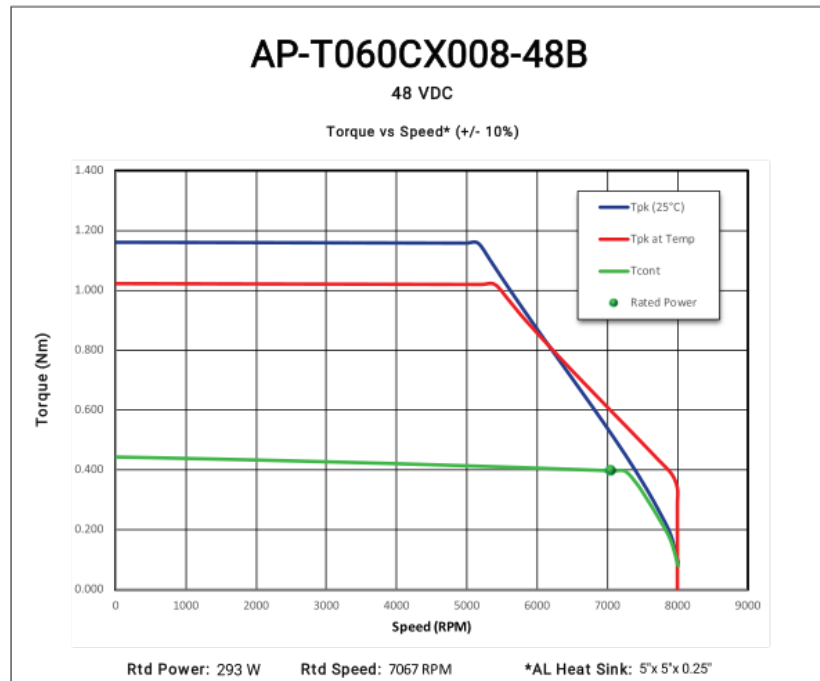
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH008-48B	Stator OD	60 mm
Rotor ID	30 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	7067 RPM
Rated torque	0.396 Nm	Peak torque	1.161 Nm
Max continuous torque	0.444 Nm	Rated power	293 W
Max continuous current	7.44 Arms	Peak current	18.06 Arms
Resistance	0.3022 Ohm	Inductance	0.228 mH
Back EMF	5.96 Vpk/kRPM	Torque constant	0.06 Nm/Arms
Commutation	sine	Poles	20
Weight	0.131 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	5"x 5"x 0.25"
No-load comm. frequency	1333 Hz	Motor constant	0.104 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

