



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 12.7 mm stack length
- 0.53 Nm rated torque
- 1.72 Nm peak torque
- 7800 RPM rated speed
- 433 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

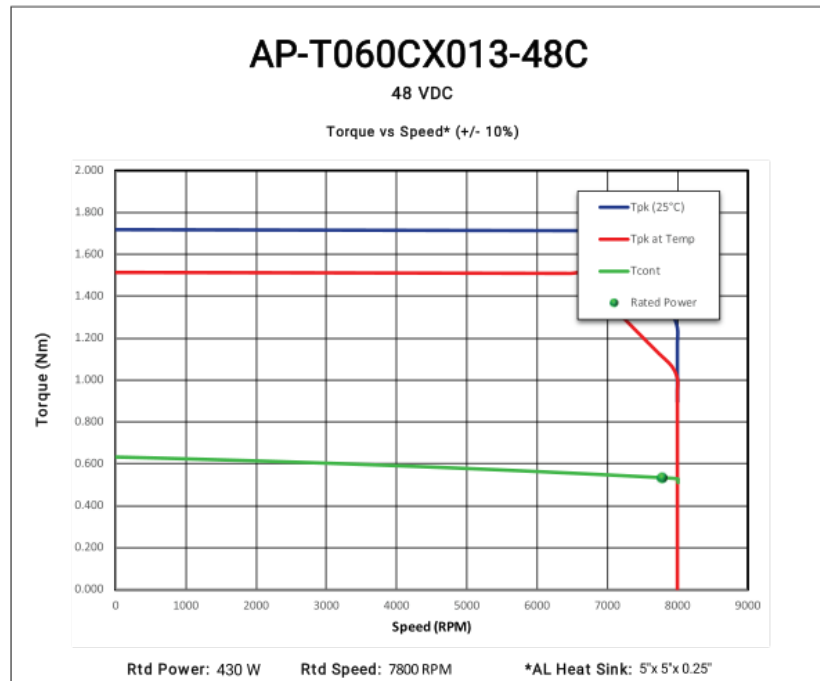
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH013-48C	Stator OD	60 mm
Rotor ID	30 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	7800 RPM
Rated torque	0.53 Nm	Peak torque	1.72 Nm
Max continuous torque	0.633 Nm	Rated power	433 W
Max continuous current	12.36 Arms	Peak current	31.11 Arms
Resistance	0.129 Ohm	Inductance	0.113 mH
Back EMF	5.127 Vpk/kRPM	Torque constant	0.051 Nm/Arms
Commutation	sine	Poles	20
Weight	0.184 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	0.136 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

