



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 12.7 mm stack length
- 0.624 Nm rated torque
- 1.72 Nm peak torque
- 2054 RPM rated speed
- 134 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

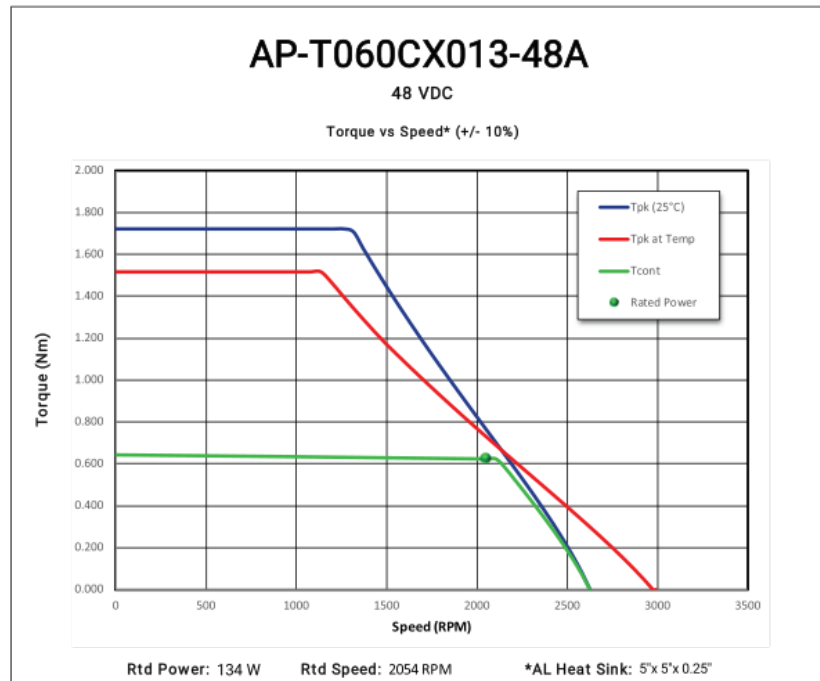
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH013-48A	Stator OD	60 mm
Rotor ID	30 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	2054 RPM
Rated torque	0.624 Nm	Peak torque	1.72 Nm
Max continuous torque	0.645 Nm	Rated power	134 W
Max continuous current	3.53 Arms	Peak current	8.75 Arms
Resistance	1.579 Ohm	Inductance	1.525 mH
Back EMF	18.228 Vpk/kRPM	Torque constant	0.182 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	439 Hz	Motor constant	0.139 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

