



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 12.7 mm stack length
- 3.169 Nm rated torque
- 8.828 Nm peak torque
- 587 RPM rated speed
- 195 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

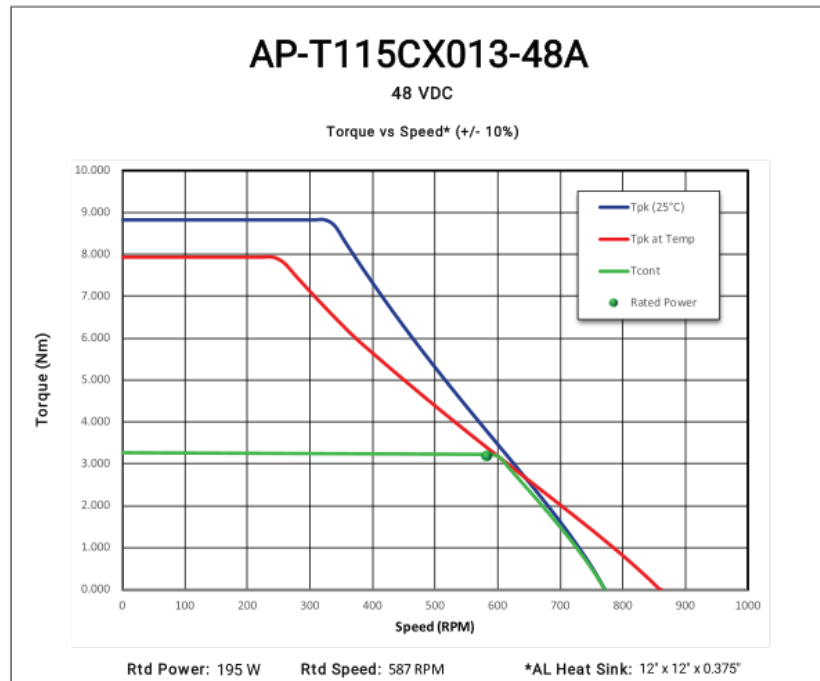
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH013-48A	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	587 RPM
Rated torque	3.169 Nm	Peak torque	8.828 Nm
Max continuous torque	3.268 Nm	Rated power	195 W
Max continuous current	5.1 Arms	Peak current	13.27 Arms
Resistance	1.28 Ohm	Inductance	3.79 mH
Back EMF	62.16 Vpk/kRPM	Torque constant	0.641 Nm/Arms
Commutation	sine	Poles	20
Weight	0.792 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	12" x 12" x 0.375"
No-load comm. frequency	129 Hz	Motor constant	0.525 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

