



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 12.7 mm stack length
- 2.745 Nm rated torque
- 8.658 Nm peak torque
- 3391 RPM rated speed
- 975 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

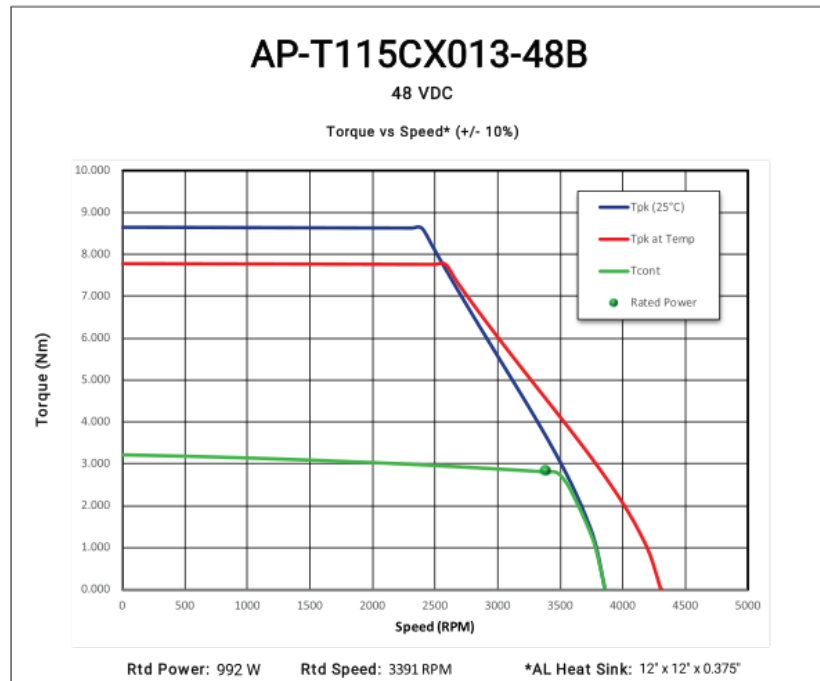
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH013-48B	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	3391 RPM
Rated torque	2.745 Nm	Peak torque	8.658 Nm
Max continuous torque	3.243 Nm	Rated power	975 W
Max continuous current	25.15 Arms	Peak current	65 Arms
Resistance	0.0526 Ohm	Inductance	0.1515 mH
Back EMF	12.42 Vpk/kRPM	Torque constant	0.129 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	644 Hz	Motor constant	0.517 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

