



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 8.2 mm stack length
- 1.233 Nm rated torque
- 5.701 Nm peak torque
- 5507 RPM rated speed
- 711 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

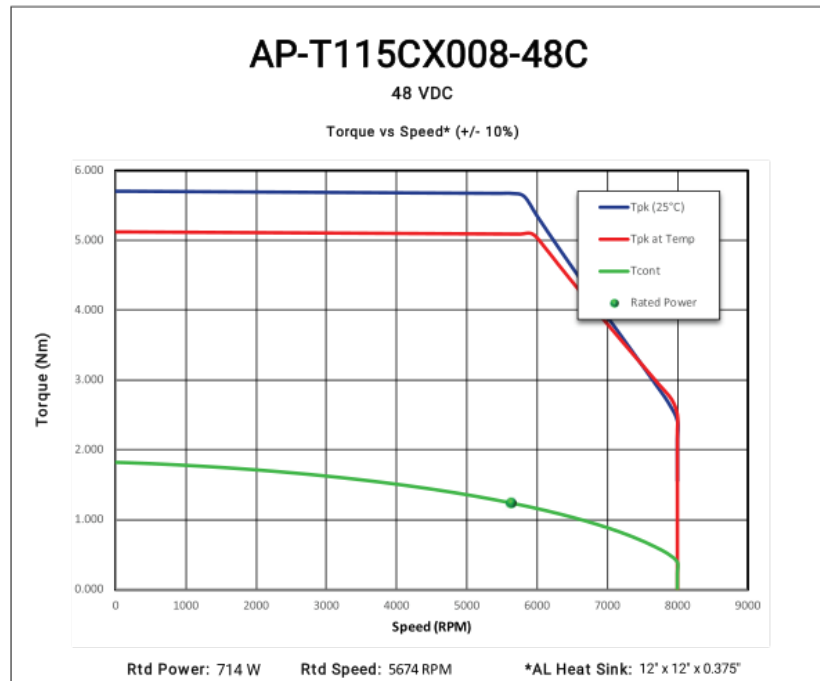
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH008-48C	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	5507 RPM
Rated torque	1.233 Nm	Peak torque	5.701 Nm
Max continuous torque	1.833 Nm	Rated power	711 W
Max continuous current	31.53 Arms	Peak current	94.5 Arms
Resistance	0.0213 Ohm	Inductance	0.0471 mH
Back EMF	5.609 Vpk/kRPM	Torque constant	0.058 Nm/Arms
Commutation	sine	Poles	20
Weight	0.592 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	12" x 12" x 0.375"
No-load comm. frequency	1333 Hz	Motor constant	0.367 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

