



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 8.2 mm stack length
- 1.86 Nm rated torque
- 5.981 Nm peak torque
- 911 RPM rated speed
- 177 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

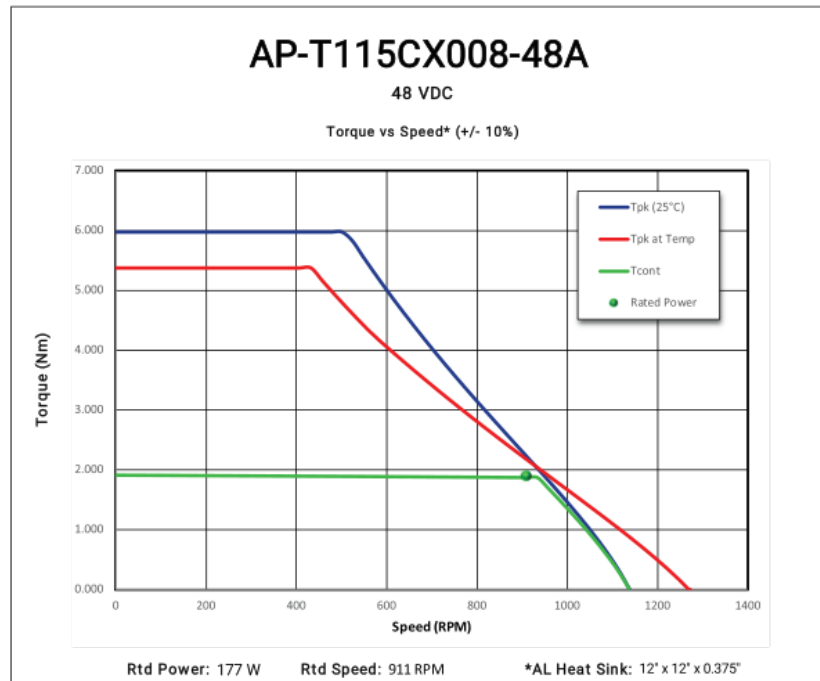
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH008-48A	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	911 RPM
Rated torque	1.86 Nm	Peak torque	5.981 Nm
Max continuous torque	1.901 Nm	Rated power	177 W
Max continuous current	4.37 Arms	Peak current	13.27 Arms
Resistance	1.106 Ohm	Inductance	2.804 mH
Back EMF	42.105 Vpk/kRPM	Torque constant	0.435 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	190 Hz	Motor constant	0.382 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

