



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 12.7 mm stack length
- 2.073 Nm rated torque
- 8.417 Nm peak torque
- 5683 RPM rated speed
- 1234 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

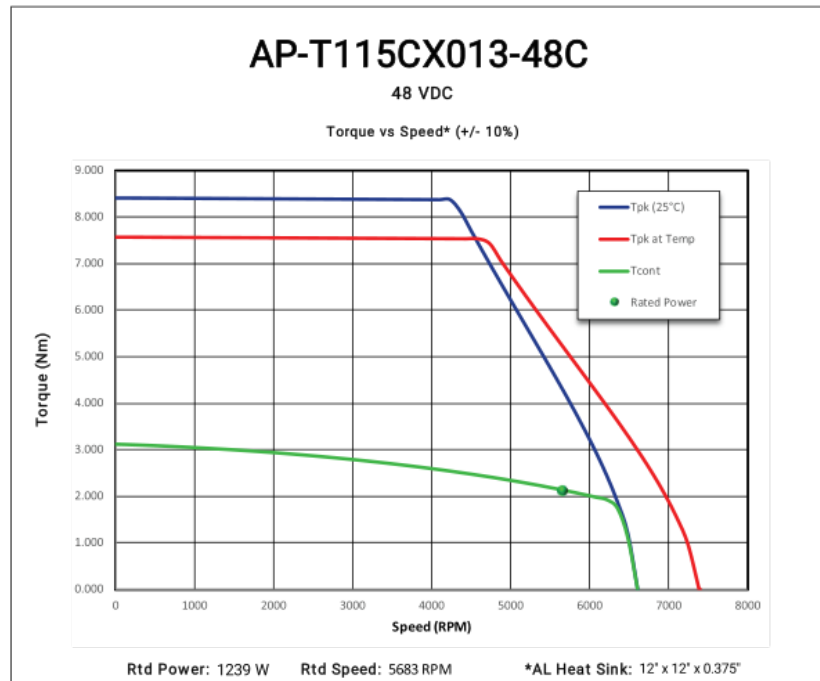
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH013-48C	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	5683 RPM
Rated torque	2.073 Nm	Peak torque	8.417 Nm
Max continuous torque	3.142 Nm	Rated power	1234 W
Max continuous current	41.77 Arms	Peak current	108 Arms
Resistance	0.0191 Ohm	Inductance	0.0517 mH
Back EMF	7.247 Vpk/kRPM	Torque constant	0.075 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	1104 Hz	Motor constant	0.501 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

