



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 12.7 mm stack length
- 1.693 Nm rated torque
- 5.446 Nm peak torque
- 5812 RPM rated speed
- 1030 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

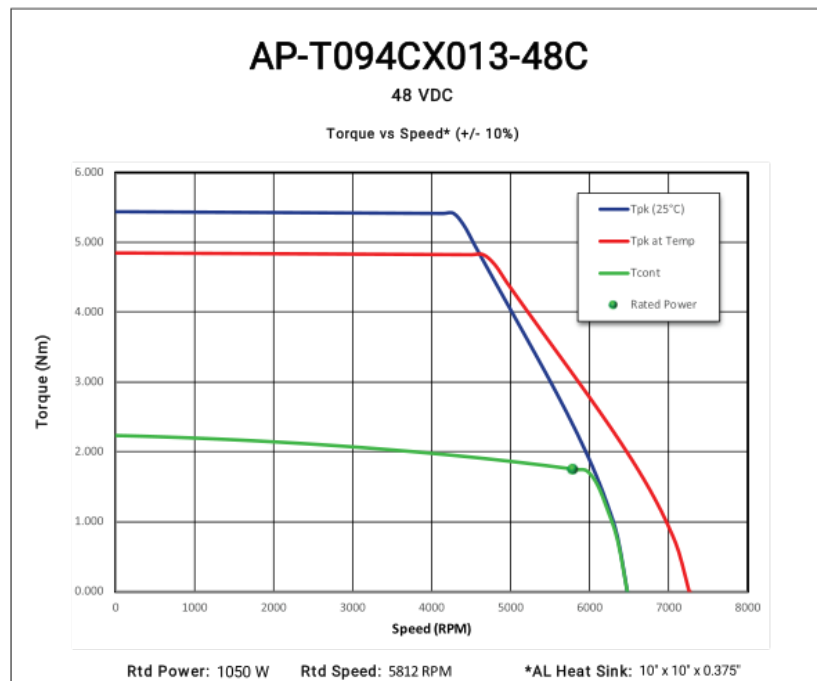
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH013-48C	Stator OD	94 mm
Rotor ID	47 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	5812 RPM
Rated torque	1.693 Nm	Peak torque	5.446 Nm
Max continuous torque	2.258 Nm	Rated power	1030 W
Max continuous current	29.54 Arms	Peak current	70.46 Arms
Resistance	0.038 Ohm	Inductance	0.0741 mH
Back EMF	7.408 Vpk/kRPM	Torque constant	0.076 Nm/Arms
Commutation	sine	Poles	20
Weight	0.498 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	10" x 10" x 0.375"
No-load comm. frequency	1080 Hz	Motor constant	0.363 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

