



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 12.7 mm stack length
- 2.051 Nm rated torque
- 5.627 Nm peak torque
- 3137 RPM rated speed
- 674 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

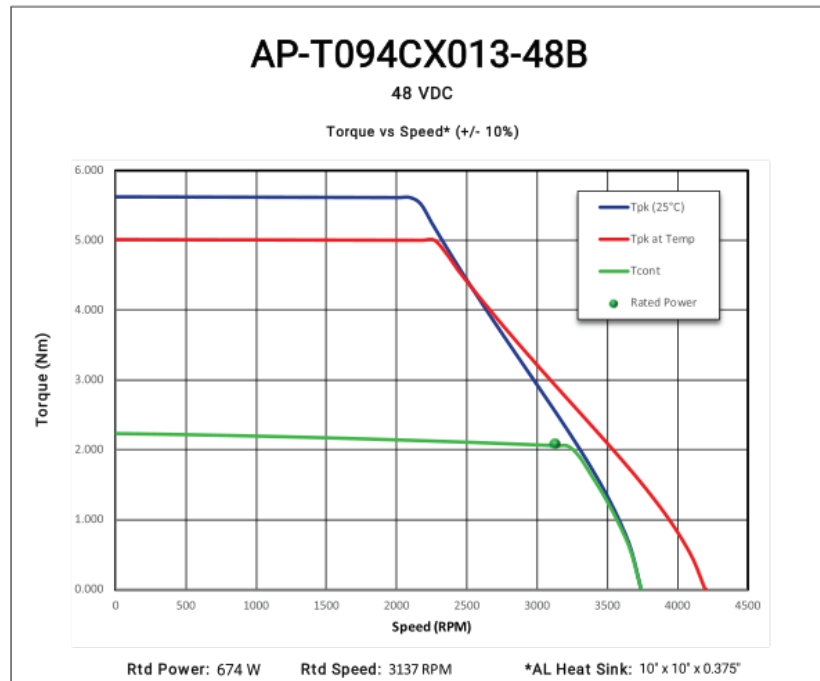
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH013-48B	Stator OD	94 mm
Rotor ID	47 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	3137 RPM
Rated torque	2.051 Nm	Peak torque	5.627 Nm
Max continuous torque	2.231 Nm	Rated power	674 W
Max continuous current	17.05 Arms	Peak current	42.2 Arms
Resistance	0.1141 Ohm	Inductance	0.2645 mH
Back EMF	12.83 Vpk/kRPM	Torque constant	0.131 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	624 Hz	Motor constant	0.363 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

