



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 12.7 mm stack length
- 2.168 Nm rated torque
- 5.63 Nm peak torque
- 1313 RPM rated speed
- 298 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

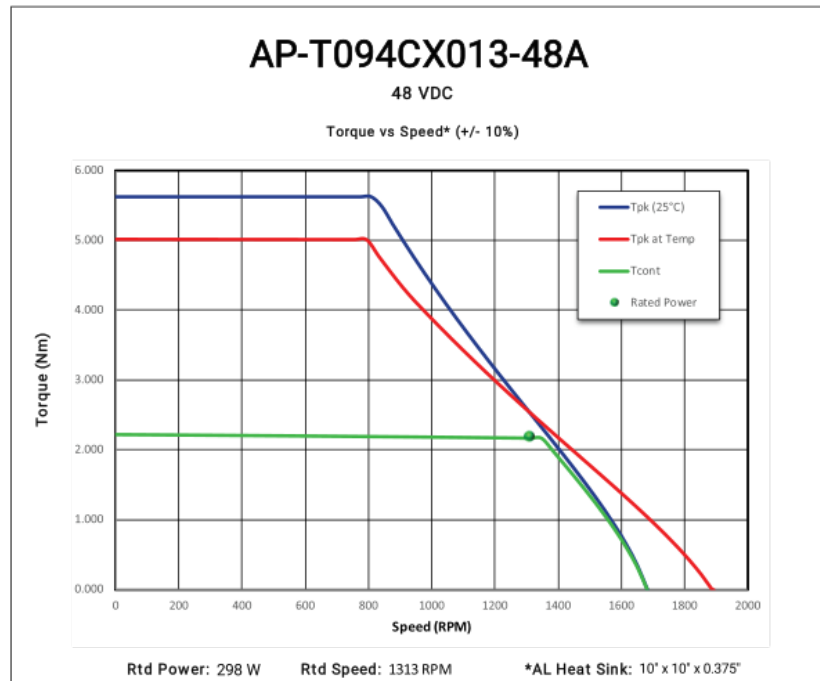
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH013-48A	Stator OD	94 mm
Rotor ID	47 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	1313 RPM
Rated torque	2.168 Nm	Peak torque	5.63 Nm
Max continuous torque	2.221 Nm	Rated power	298 W
Max continuous current	7.64 Arms	Peak current	19 Arms
Resistance	0.5687 Ohm	Inductance	1.372 mH
Back EMF	28.512 Vpk/kRPM	Torque constant	0.291 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	281 Hz	Motor constant	0.361 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

