



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 8.2 mm stack length
- 1.539 Nm rated torque
- 3.801 Nm peak torque
- 1945 RPM rated speed
- 313 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

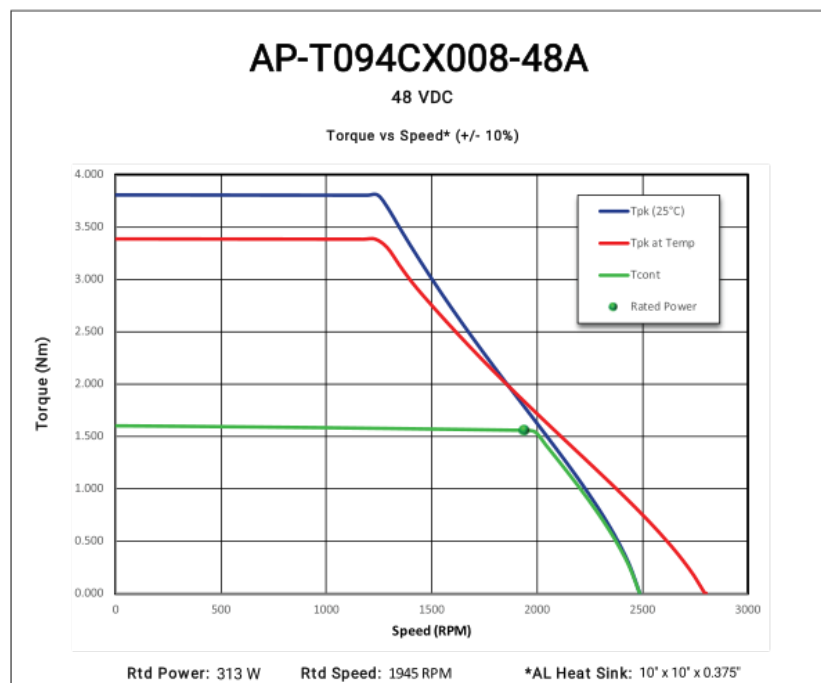
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH008-48A	Stator OD	94 mm
Rotor ID	47 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	1945 RPM
Rated torque	1.539 Nm	Peak torque	3.801 Nm
Max continuous torque	1.601 Nm	Rated power	313 W
Max continuous current	8.16 Arms	Peak current	19 Arms
Resistance	0.4763 Ohm	Inductance	0.943 mH
Back EMF	19.248 Vpk/kRPM	Torque constant	0.196 Nm/Arms
Commutation	sine	Poles	20
Weight	0.366 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	10" x 10" x 0.375"
No-load comm. frequency	416 Hz	Motor constant	0.266 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

