



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 8.2 mm stack length
- 1.468 Nm rated torque
- 3.801 Nm peak torque
- 4085 RPM rated speed
- 628 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

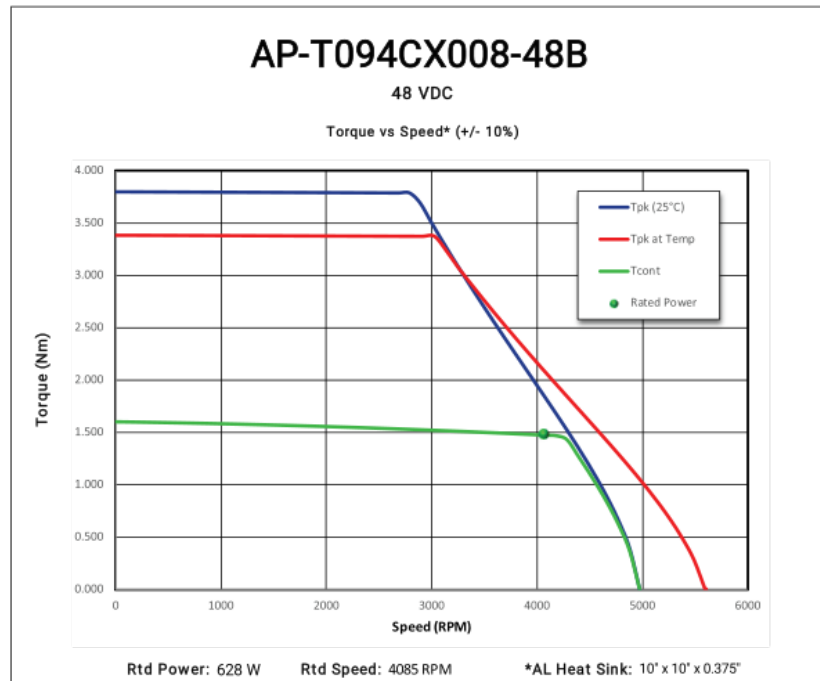
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH008-48B	Stator OD	94 mm
Rotor ID	47 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	4085 RPM
Rated torque	1.468 Nm	Peak torque	3.801 Nm
Max continuous torque	1.601 Nm	Rated power	628 W
Max continuous current	16.33 Arms	Peak current	38 Arms
Resistance	0.119 Ohm	Inductance	0.225 mH
Back EMF	9.624 Vpk/kRPM	Torque constant	0.098 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	831 Hz	Motor constant	0.266 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

