



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 8.2 mm stack length
- 1.139 Nm rated torque
- 3.676 Nm peak torque
- 7800 RPM rated speed
- 930 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

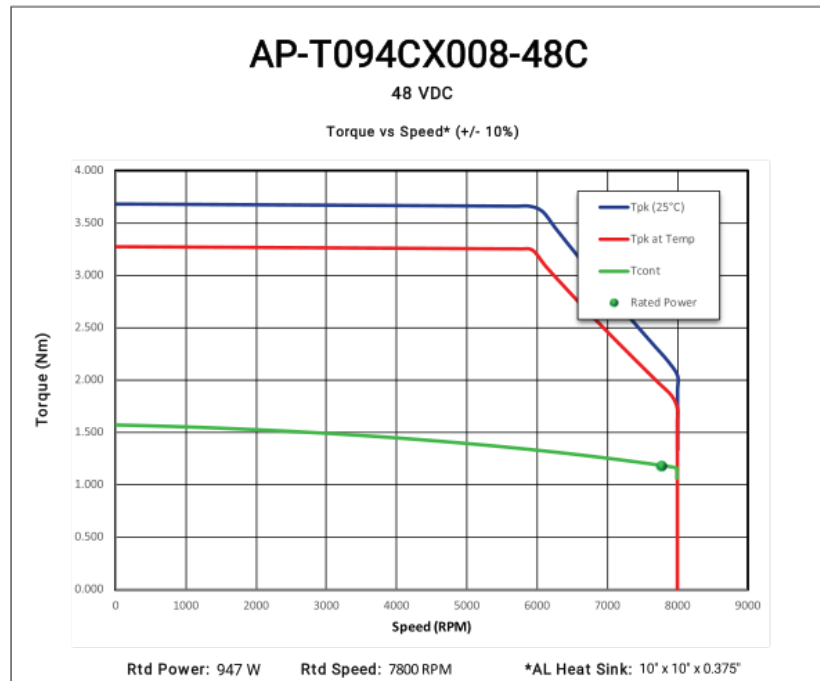
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH008-48C	Stator OD	94 mm
Rotor ID	47 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	7800 RPM
Rated torque	1.139 Nm	Peak torque	3.676 Nm
Max continuous torque	1.593 Nm	Rated power	930 W
Max continuous current	28.75 Arms	Peak current	65.6 Arms
Resistance	0.0384 Ohm	Inductance	0.07 mH
Back EMF	5.37 Vpk/kRPM	Torque constant	0.055 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	1333 Hz	Motor constant	0.262 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

