



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 26.3 mm stack length
- 3.952 Nm rated torque
- 10.341 Nm peak torque
- 1489 RPM rated speed
- 616 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

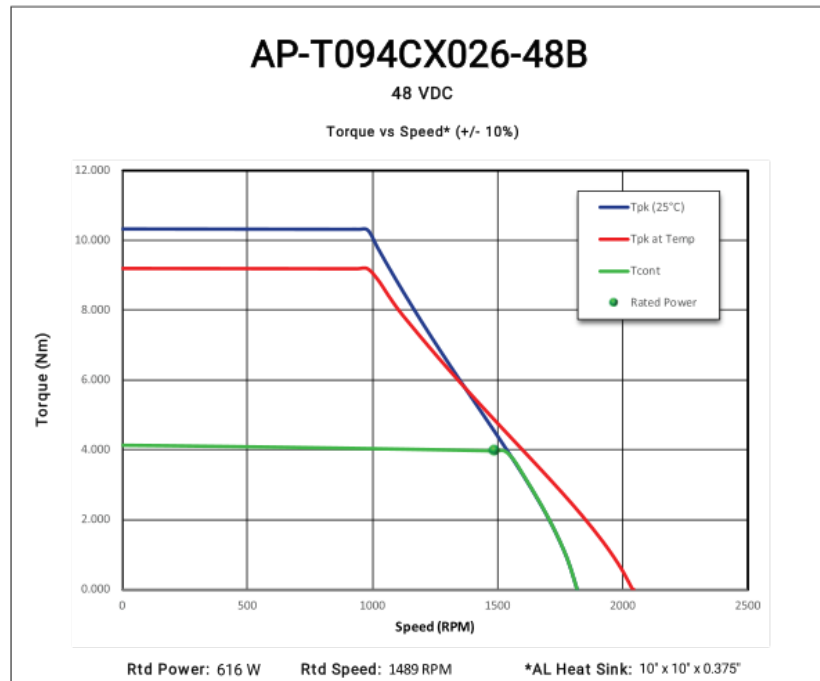
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH026-48B	Stator OD	94 mm
Rotor ID	47 mm	Stack length	26.3 mm
Bus voltage	48 VDC	Rated speed	1489 RPM
Rated torque	3.952 Nm	Peak torque	10.341 Nm
Max continuous torque	4.118 Nm	Rated power	616 W
Max continuous current	15.28 Arms	Peak current	40.69 Arms
Resistance	0.2016 Ohm	Inductance	0.555 mH
Back EMF	26.4 Vpk/kRPM	Torque constant	0.269 Nm/Arms
Commutation	sine	Poles	20
Weight	0.896 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	10" x 10" x 0.375"
No-load comm. frequency	303 Hz	Motor constant	0.561 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

