



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 94 mm stator OD
- 26.3 mm stack length
- 4.201 Nm rated torque
- 10.35 Nm peak torque
- 629 RPM rated speed
- 277 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

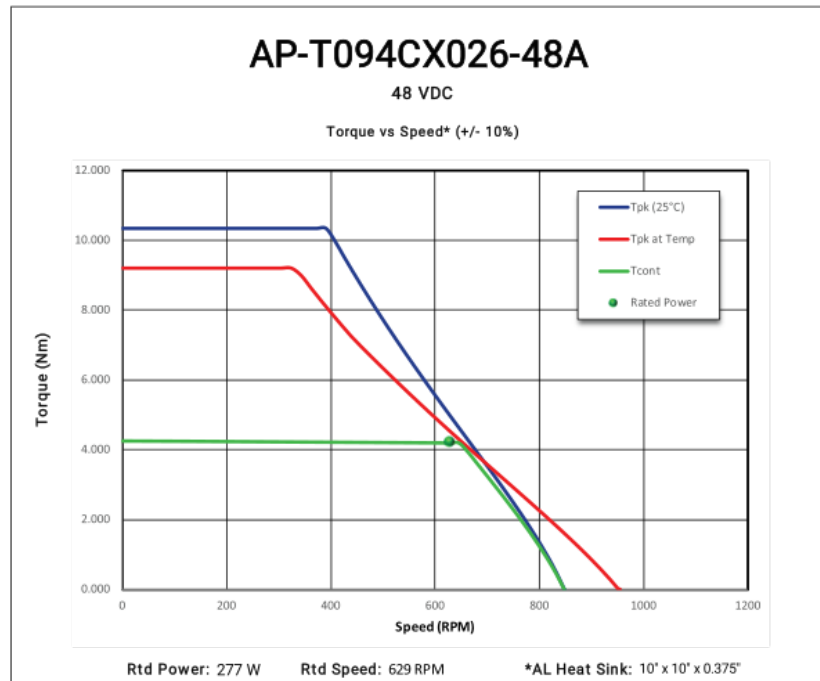
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T094CH026-48A	Stator OD	94 mm
Rotor ID	47 mm	Stack length	26.3 mm
Bus voltage	48 VDC	Rated speed	629 RPM
Rated torque	4.201 Nm	Peak torque	10.35 Nm
Max continuous torque	4.257 Nm	Rated power	277 W
Max continuous current	7.38 Arms	Peak current	17.08 Arms
Resistance	0.8637 Ohm	Inductance	2.68 mH
Back EMF	56.51 Vpk/kRPM	Torque constant	0.576 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	142 Hz	Motor constant	0.581 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

