



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 76 mm stator OD
- 8.2 mm stack length
- 0.629 Nm rated torque
- 2.54 Nm peak torque
- 7800 RPM rated speed
- 514 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

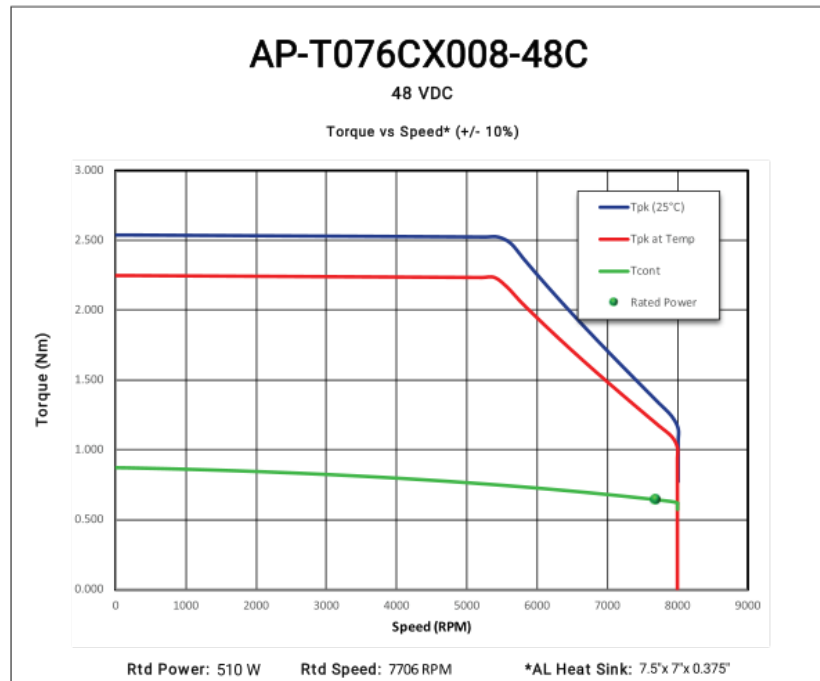
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T076CH008-48C	Stator OD	76 mm
Rotor ID	38 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	7800 RPM
Rated torque	0.629 Nm	Peak torque	2.54 Nm
Max continuous torque	0.873 Nm	Rated power	514 W
Max continuous current	15.92 Arms	Peak current	44.3 Arms
Resistance	0.093 Ohm	Inductance	0.1093 mH
Back EMF	5.466 Vpk/kRPM	Torque constant	0.055 Nm/Arms
Commutation	sine	Poles	20
Weight	0.225 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	1333 Hz	Motor constant	0.171 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

