



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 76 mm stator OD
- 12.7 mm stack length
- 1.065 Nm rated torque
- 3.763 Nm peak torque
- 5200 RPM rated speed
- 580 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

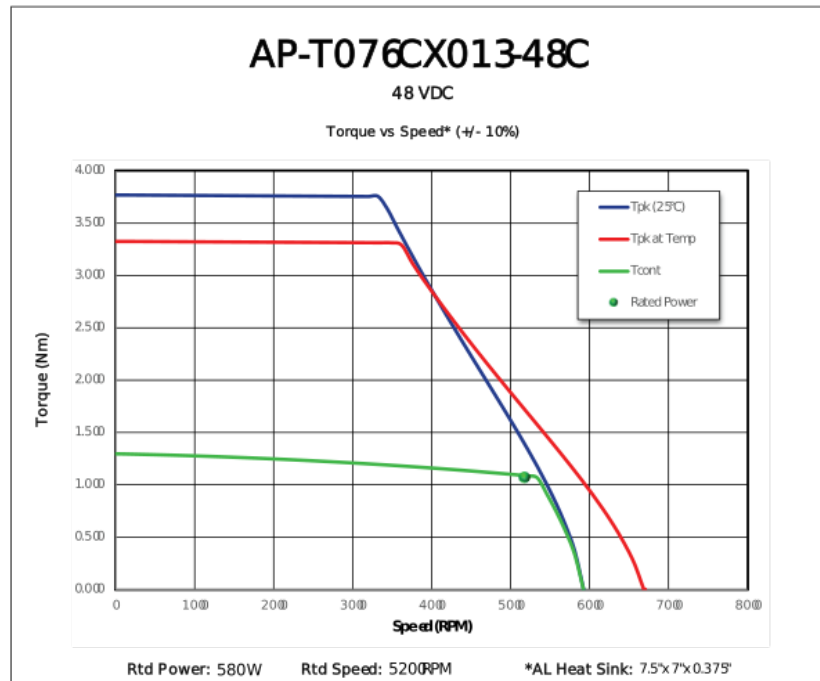
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T076CH013-48C	Stator OD	76 mm
Rotor ID	38 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	5200 RPM
Rated torque	1.065 Nm	Peak torque	3.763 Nm
Max continuous torque	1.297 Nm	Rated power	580 W
Max continuous current	15.95 Arms	Peak current	44.3 Arms
Resistance	0.114 Ohm	Inductance	0.16 mH
Back EMF	8.1 Vpk/kRPM	Torque constant	0.081 Nm/Arms
Commutation	sine	Poles	20
Weight	0.311 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	988 Hz	Motor constant	0.229 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

