



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 76 mm stator OD
- 12.7 mm stack length
- 1.248 Nm rated torque
- 3.763 Nm peak torque
- 2912 RPM rated speed
- 381 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

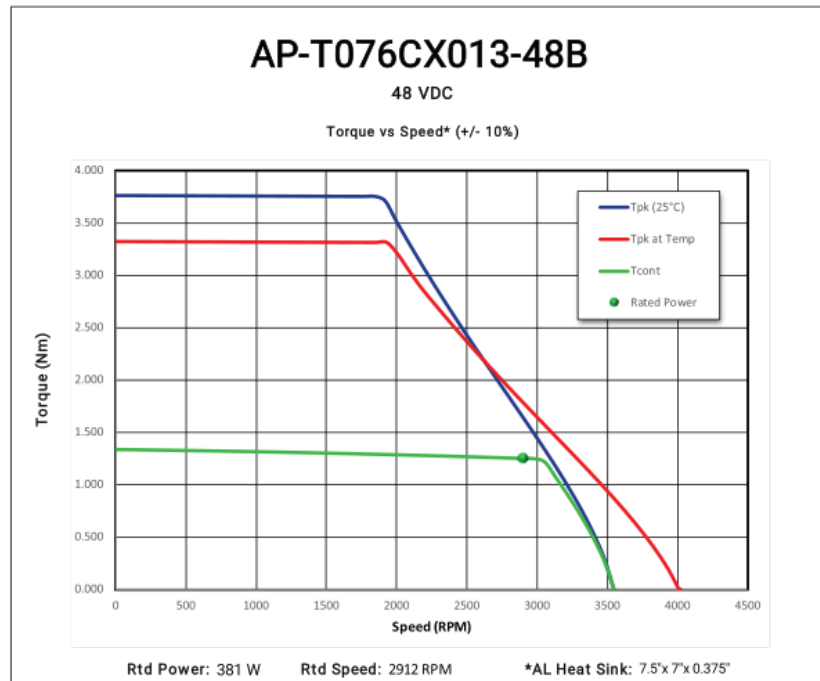
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T076CH013-48B	Stator OD	76 mm
Rotor ID	38 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	2912 RPM
Rated torque	1.248 Nm	Peak torque	3.763 Nm
Max continuous torque	1.337 Nm	Rated power	381 W
Max continuous current	9.87 Arms	Peak current	26.58 Arms
Resistance	0.298 Ohm	Inductance	0.442 mH
Back EMF	13.5 Vpk/kRPM	Torque constant	0.135 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	593 Hz	Motor constant	0.236 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

