



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 76 mm stator OD
- 8.2 mm stack length
- 0.873 Nm rated torque
- 2.54 Nm peak torque
- 2054 RPM rated speed
- 188 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

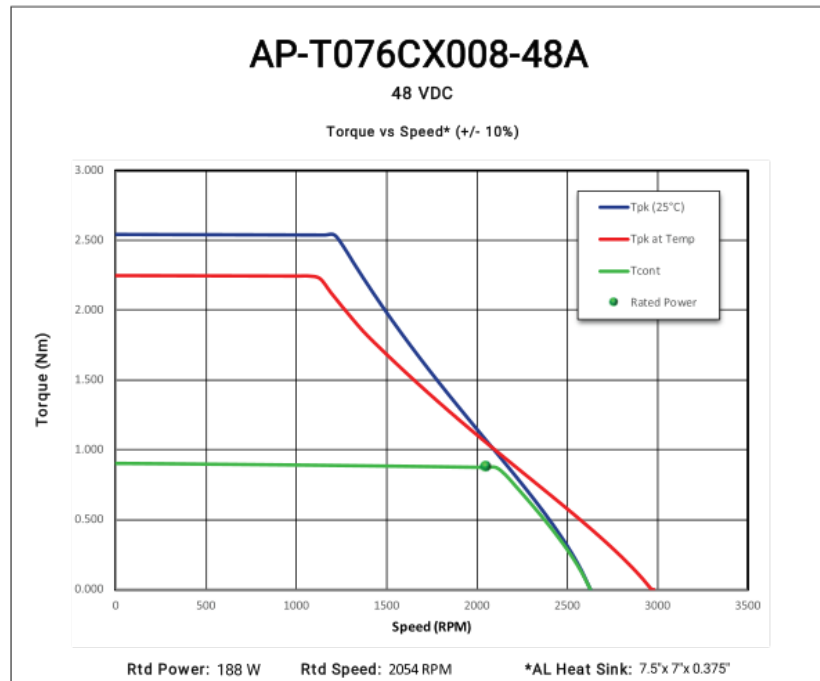
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T076CH008-48A	Stator OD	76 mm
Rotor ID	38 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	2054 RPM
Rated torque	0.873 Nm	Peak torque	2.54 Nm
Max continuous torque	0.902 Nm	Rated power	188 W
Max continuous current	4.93 Arms	Peak current	13.29 Arms
Resistance	0.9691 Ohm	Inductance	1.24 mH
Back EMF	18.223 Vpk/kRPM	Torque constant	0.183 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	439 Hz	Motor constant	0.177 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

