



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 8.2 mm stack length
- 0.364 Nm rated torque
- 1.162 Nm peak torque
- 7800 RPM rated speed
- 297 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

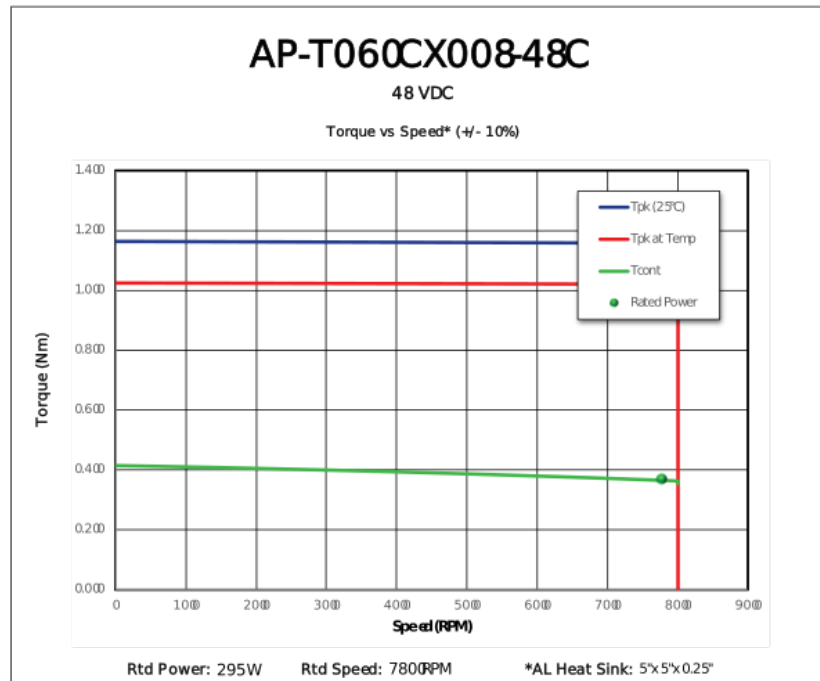
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH008-48C	Stator OD	60 mm
Rotor ID	30 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	7800 RPM
Rated torque	0.364 Nm	Peak torque	1.162 Nm
Max continuous torque	0.414 Nm	Rated power	297 W
Max continuous current	11.99 Arms	Peak current	31.11 Arms
Resistance	0.1165 Ohm	Inductance	0.078 mH
Back EMF	3.461 Vpk/kRPM	Torque constant	0.035 Nm/Arms
Commutation	sine	Poles	20
Weight	0.131 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	5"x 5"x 0.25"
No-load comm. frequency	1333 Hz	Motor constant	0.097 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

