



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 8.2 mm stack length
- 0.434 Nm rated torque
- 1.162 Nm peak torque
- 3118 RPM rated speed
- 142 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

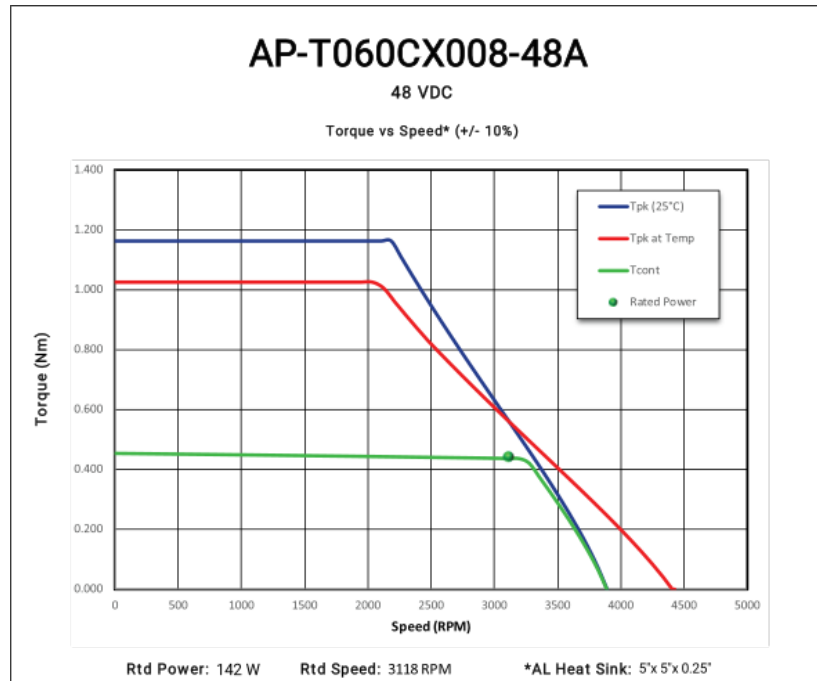
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH008-48A	Stator OD	60 mm
Rotor ID	30 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	3118 RPM
Rated torque	0.434 Nm	Peak torque	1.162 Nm
Max continuous torque	0.451 Nm	Rated power	142 W
Max continuous current	3.66 Arms	Peak current	8.75 Arms
Resistance	1.248 Ohm	Inductance	0.936 mH
Back EMF	12.306 Vpk/kRPM	Torque constant	0.123 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	650 Hz	Motor constant	0.105 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

