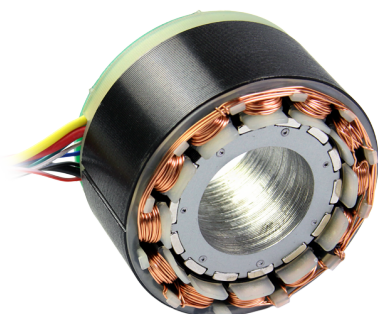




MOTOR OVERVIEW

- AltusOne frameless BLDC torque motor
- 60 mm stator OD
- 25 mm stack length
- 0.6 Nm rated torque
- 1.197 Nm peak torque
- 3428 RPM rated speed
- 215 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

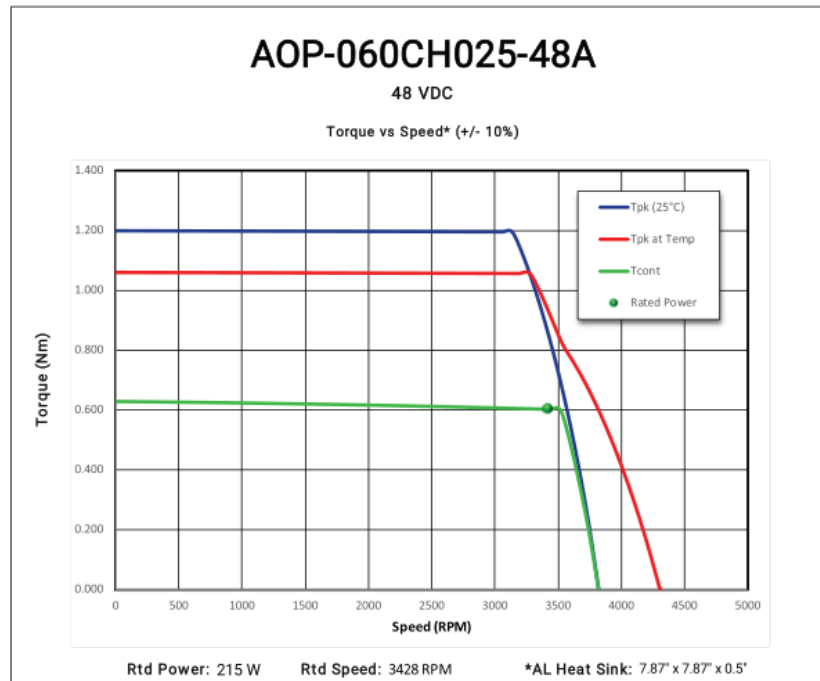
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AOP-060CH025-48A	Stator OD	60 mm
Rotor ID	27.25 mm	Stack length	25 mm
Bus voltage	48 VDC	Rated speed	3428 RPM
Rated torque	0.6 Nm	Peak torque	1.197 Nm
Max continuous torque	0.627 Nm	Rated power	215 W
Max continuous current	5.27 Arms	Peak current	10.4 Arms
Resistance	0.49 Ohm	Inductance	0.44 mH
Back EMF	12.56 Vpk/kRPM	Torque constant	0.119 Nm/Arms
Commutation	sine	Poles	14
Weight	0.403 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.87" x 7.87" x 0.5"
No-load comm. frequency	446 Hz	Motor constant	0.171 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

