

MOTOR OVERVIEW

- AltusUltra frameless BLDC torque motor
- 60 mm stator OD
- 8 mm stack length
- 0.472 Nm rated torque
- 1.621 Nm peak torque
- 3562 RPM rated speed
- 176 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

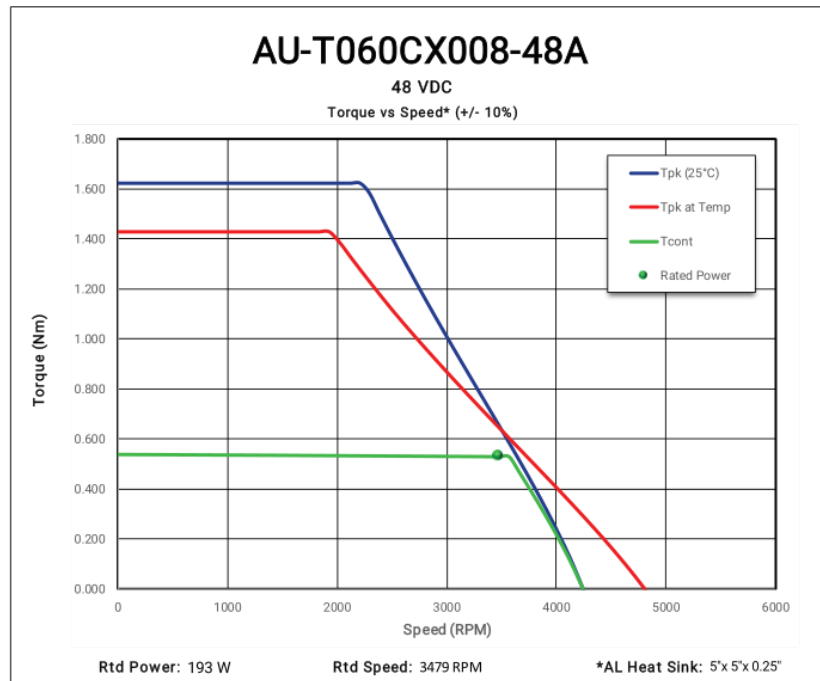
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AU-T060CH008-48A	Stator OD	60 mm
Rotor ID	30 mm	Stack length	8 mm
Bus voltage	48 VDC	Rated speed	3562 RPM
Rated torque	0.472 Nm	Peak torque	1.621 Nm
Max continuous torque	0.494 Nm	Rated power	176 W
Max continuous current	4.38 Arms	Peak current	13.36 Arms
Resistance	1.03 Ohm	Inductance	0.52 mH
Back EMF	11.3 Vpk/kRPM	Torque constant	0.113 Nm/Arms
Commutation	sine	Poles	20
Weight	0.183 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	708 Hz	Motor constant	0.106 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

