



MOTOR OVERVIEW

- AltusUltra frameless BLDC torque motor
- 60 mm stator OD
- 13 mm stack length
- 0.68 Nm rated torque
- 2.18 Nm peak torque
- 4100 RPM rated speed
- 290 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-T060CH013-48B	Stator OD	60 mm
Rotor ID	30 mm	Stack length	13 mm
Bus voltage	48 VDC	Rated speed	4100 RPM
Rated torque	0.68 Nm	Peak torque	2.18 Nm
Max continuous torque	0.71 Nm	Rated power	290 W
Max continuous current	7.35 Arms	Peak current	21.48 Arms
Resistance	0.141 Ohm	Inductance	0.112 mH
Back EMF	9.342 Vpk/kRPM	Torque constant	0.097 Nm/Arms
Commutation	sine	Poles	20
Weight	0.22 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	- Hz	Motor constant	0.135 Nm/sqrt(W)

PERFORMANCE CURVE

Performance curve available upon request.

MOTOR DIMENSIONS

