



MOTOR OVERVIEW

- AltusUltra frameless BLDC torque motor
- 60 mm stator OD
- 13 mm stack length
- 0.75 Nm rated torque
- 2.18 Nm peak torque
- 8800 RPM rated speed
- 612 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-T060CH013-48D	Stator OD	60 mm
Rotor ID	30 mm	Stack length	13 mm
Bus voltage	48 VDC	Rated speed	8800 RPM
Rated torque	0.75 Nm	Peak torque	2.18 Nm
Max continuous torque	0.8 Nm	Rated power	612 W
Max continuous current	17.5 Arms	Peak current	42.95 Arms
Resistance	0.106 Ohm	Inductance	0.084 mH
Back EMF	4.671 Vpk/kRPM	Torque constant	0.046 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

