



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
- 4700 RPM rated speed
- 340 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-T060CH013-48C	Stator OD	60 mm
Rotor ID	30 mm	Stack length	13 mm
Bus voltage	48 VDC	Rated speed	4700 RPM
Rated torque	0.75 Nm	Peak torque	2.18 Nm
Max continuous torque	0.8 Nm	Rated power	340 W
Max continuous current	10.1 Arms	Peak current	24.8 Arms
Resistance	0.317 Ohm	Inductance	0.252 mH
Back EMF	8.09 Vpk/kRPM	Torque constant	0.079 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

