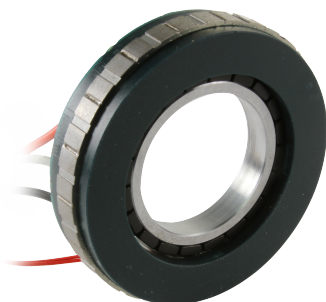




MOTOR OVERVIEW

- AltusUltra frameless BLDC torque motor
- 85 mm stator OD
- 8 mm stack length
- 1.281 Nm rated torque
- 3.828 Nm peak torque
- 2003 RPM rated speed
- 269 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

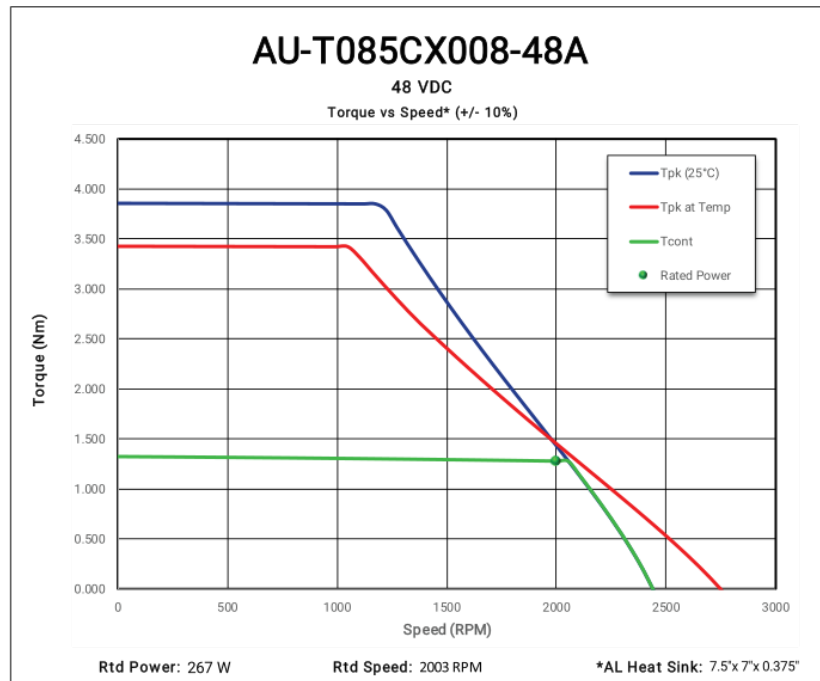
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

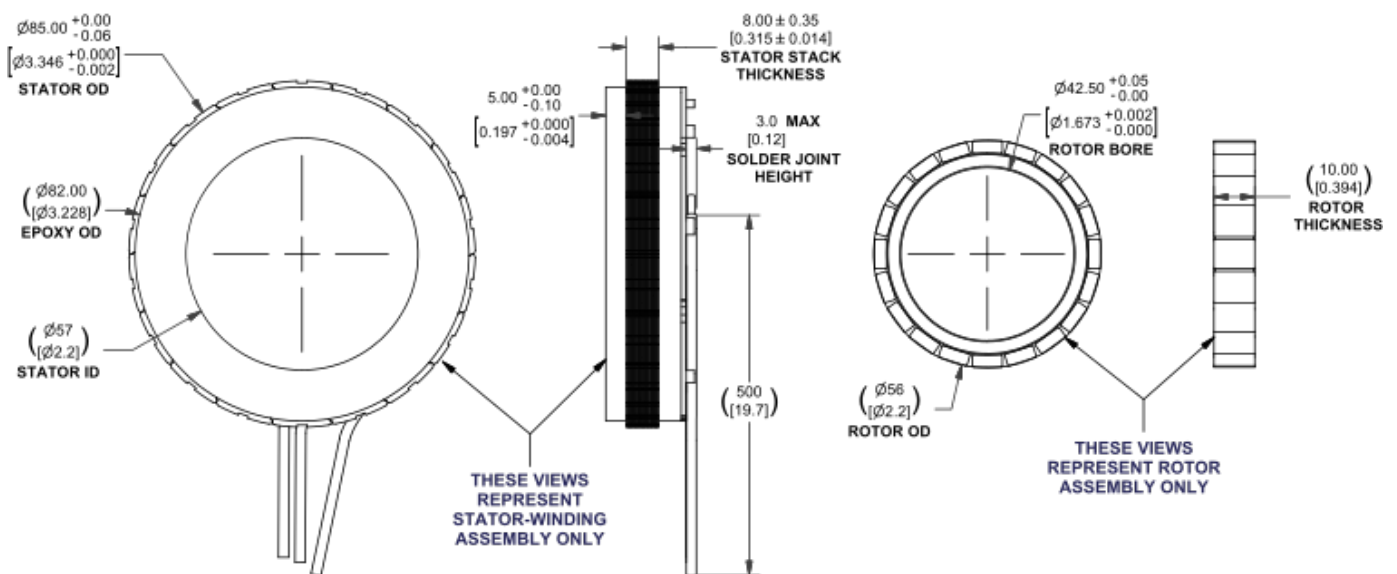
MOTOR SPECIFICATIONS

Part number	AU-T085CH008-48A	Stator OD	85 mm
Rotor ID	42.5 mm	Stack length	8 mm
Bus voltage	48 VDC	Rated speed	2003 RPM
Rated torque	1.281 Nm	Peak torque	3.828 Nm
Max continuous torque	1.336 Nm	Rated power	269 W
Max continuous current	6.63 Arms	Peak current	19.9 Arms
Resistance	0.684 Ohm	Inductance	0.75 mH
Back EMF	19.624 Vpk/kRPM	Torque constant	0.201 Nm/Arms
Commutation	sine	Poles	20
Weight	0.33 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	408 Hz	Motor constant	0.227 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS



WIRING COLOR CODE	
FUNCTION	COLOR
PHASE A	RED
PHASE B	BLACK
PHASE C	WHITE