



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 115 mm stator OD
- 8.2 mm stack length
- 1.257 Nm rated torque
- 5.701 Nm peak torque
- 5378 RPM rated speed
- 708 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

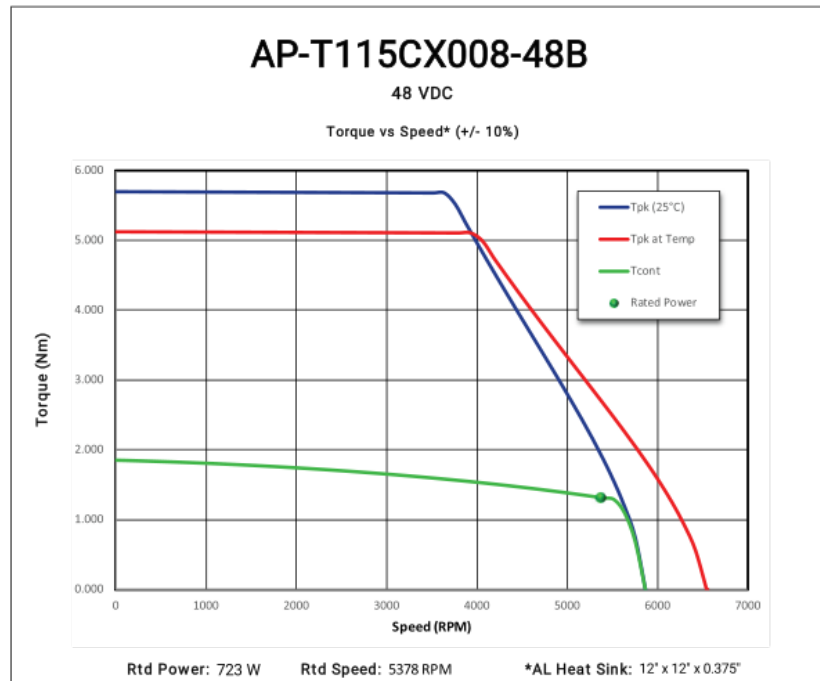
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T115CH008-48B	Stator OD	115 mm
Rotor ID	57.55 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	5378 RPM
Rated torque	1.257 Nm	Peak torque	5.701 Nm
Max continuous torque	1.86 Nm	Rated power	708 W
Max continuous current	21.92 Arms	Peak current	64.8 Arms
Resistance	0.044 Ohm	Inductance	0.1 mH
Back EMF	8.18 Vpk/kRPM	Torque constant	0.085 Nm/Arms
Commutation	sine	Poles	20
Weight	0.592 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	12" x 12" x 0.375"
No-load comm. frequency	978 Hz	Motor constant	0.372 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

