



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 76 mm stator OD
- 8.2 mm stack length
- 0.81 Nm rated torque
- 2.54 Nm peak torque
- 4417 RPM rated speed
- 375 W rated power
- 48 VDC bus voltage

FEATURES

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

OPTIONS

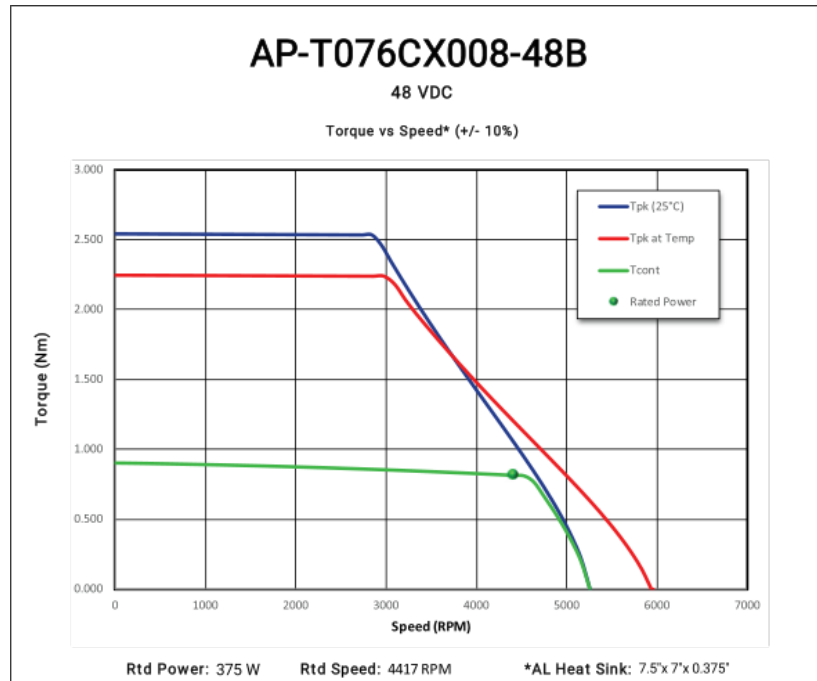
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T076CH008-48B	Stator OD	76 mm
Rotor ID	38 mm	Stack length	8.2 mm
Bus voltage	48 VDC	Rated speed	4417 RPM
Rated torque	0.81 Nm	Peak torque	2.54 Nm
Max continuous torque	0.902 Nm	Rated power	375 W
Max continuous current	9.86 Arms	Peak current	26.58 Arms
Resistance	0.2423 Ohm	Inductance	0.303 mH
Back EMF	9.111 Vpk/kRPM	Torque constant	0.091 Nm/Arms
Commutation	sine	Poles	20
Weight	0.225 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	7.5"x 7"x 0.375"
No-load comm. frequency	878 Hz	Motor constant	0.177 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

