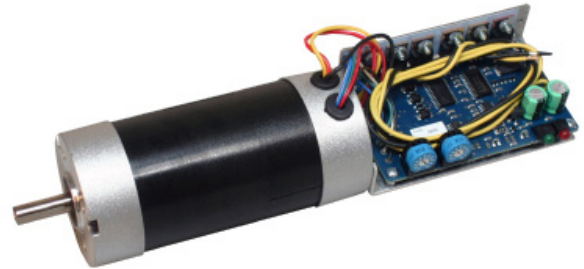


BLWR235S-36V-4000-04 Brushless DC Motor and Driver



FEATURES

- Size 23 BLDC Motor with Driver
- Overstock Item: Limited-Time Discount!
- Internal Potentiometer Speed Control
- Requires 15-50VDC
- Compact Size and Power Density
- High Reliability and Long Lifetime
- CE Certified and RoHS Compliant
- Motor Frame: 2.3" Round



DESCRIPTION

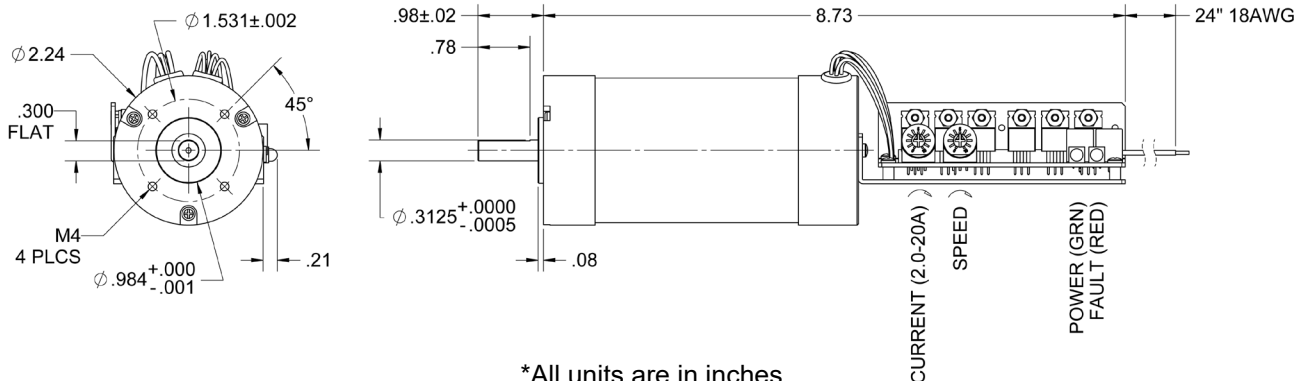
The BLWR235S-36V-4000-04 is a limited-time custom Brushless DC Motor and Driver, combining a powerful BLDC motor design with the drive electronics in one package. This motor and driver was specifically designed for pump applications, set to run at currents between 2 to 20A (peak) at 15-50VDC. The motor/driver combination is equipped with two internal potentiometers, allowing the user to control both the peak current and speed of the motor. The motor/driver has only two connections: power and ground, making it a simple and affordable solution for many motion control applications!

SPECIFICATIONS

Model Number	Motor Frame	Rated Voltage (V)	Rated Speed (RPM)	Rated Power (W)	Peak Torque (oz-in.)	Torque Constant (oz-in/A)	Rotor Inertia (oz-in-sec ²)	Weight (lbs.)
BLWR235S-36V-4000-04	2.3 in. Round	36	4000	180	185	9.00	0.0032600	3.00

Winding Type:	Delta, 8 Poles	Max Radial Force:	28N @ 20mm from the Flange
Hall Effect Angle:	120 Degree Electrical Angle	Max Axial Force:	10N
Shaft Run Out:	0.025mm	Insulation Class:	Class B
Radial Play:	0.02mm @ 450g	Dielectric Length:	500VDC for One Minute
End Play:	0.08mm @ 450g	Insulation Resistance:	100MOhm, 500VDC

DIMENSIONS



L010816