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## 5kw 72v Brushless Dc Motor With Hall Sensor

Model Number:	VOL-BL500C72
Type:	Brushless DC Motor
Output Power:	5Kw
DC Voltage:	72V
Speed Range:	3600 RPM
Poles:	4P

### Detailed information

Brand Name:	Volcano Electric	Model Number:	VOL-BL500C72	Type:	Brushless DC Motor
Output Power:	5Kw	DC Voltage:	72V	Speed Range:	3600 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP54	Poles:	4P	Wire:	100% copper
Housing:	Aluminum	Efficiency:	up to 90%	Certification	CE, ROHS, UL
Duty:	continuous	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC standard or NEMA standard
Application:	Industrial machinery, Boat, Car, Traction Motor, Pump, bus A/C systems, Other				

### Motor Feature

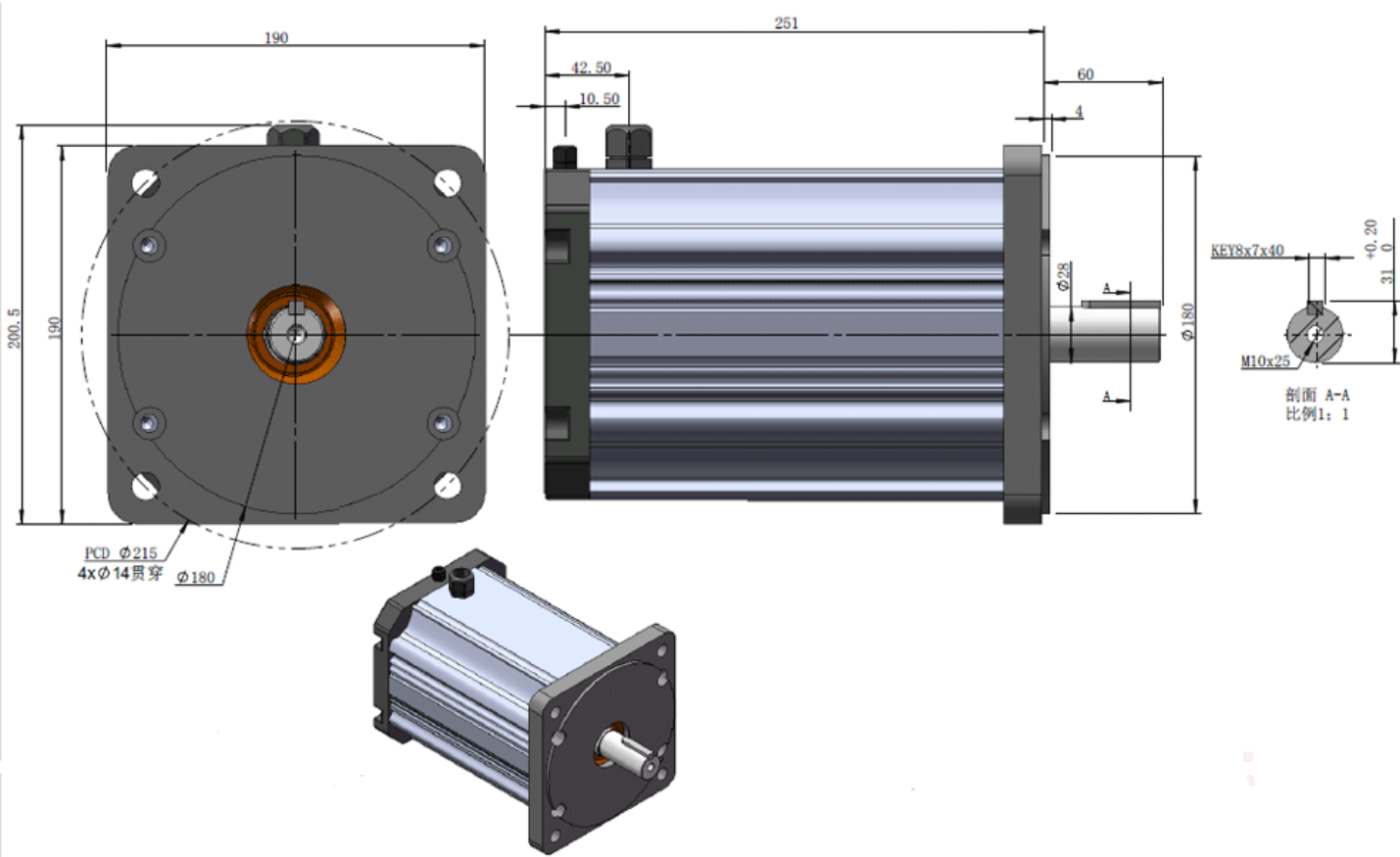
- Rated voltage: 72V DC
- Rated power: 5KW
- Rated speed: 3600RPM
- IP Protection: IP54
- Wire: Copper coil

### Introduction

Volcano Electric’ s brushless dc motors offer high performance, long lifetime and low maintenance for applications, with frame length range from 155mm to 331mm. The motor designs are available to optimize your application's performance with best cost-effective solution, which are

transmission type, high torque type and high efficiency type. In addition to our standard models, we also accept customized. Like the flange, motor size. Can configure a comprehensive accessory line of encoders, brakes, planetary and worm gearbox to meet your specific application needs.

Configuration



\*CAN MAKE ACCORDING TO YOUR REQUIRMENT

Brushless motor list

Motor type	Output	Voltage	Load	Speed	Rated Torque	Poles	Efficiency	Noise
	KW	V	A	RPM	N.m		%	dB
VOL-BL300C48	3.0	48	67.6	2650	10.81	4	92.5	61
VOL-BL300B72	3.0	72	46.8	3000	9.55	4	89	61
VOL-BL350C60	3.5	60	69.5	1680	19.9	4	84	61
VOL-BL370C60	3.7	60	73.41	3600	9.82	4	84	61
VOL-BL400C48	4.0	48	90.6	2580	14.81	4	92	62
VOL-BL450A72	4.5	72	67.93	1500	28.65	4	92	62
VOL-BL450B220	4.5	220	12.84	3000	14.33	4	92	62
VOL-BL500C72	5.0	72	75.48	3600	13.26	4	92	62
VOL-BL550C72	5.5	72	85.6	3680	14.27	4	89.2	63

**Note:** The typical specifications below are just for your reference. BLDC motors can be customized. Please feel free to contact us if you can't find the motor you required. We are always here being ready to help.

Advantages of Brushless DC motor:

- Lower Maintainance and longer lifetime - no brush and commutator erosion
- Lower noise - the elimination of brush contact

- Higher power to weight ratio
- Higher efficiency ( in general higher than 90%)
- Flexible design. The range of voltage, speed range, torque, power, work time, etc can be customized.
- Light weight

For customized DC Motors, please contact our technician, Ordinary, we have to know the following information to get a professional proposal:

- **Brushed or Brushless** Customer preference
- **Output power (W)** Horsepower/watts/torque rated at full load speed
- **Voltage (V)** i.e 12v DC ..... 220v AC
- **Motor speed (RPM)** Revolutions per minute of the shaft at full load Voltage
- **Application** e.g. traction, airconditioning, etc.
- **Duty** Most motors are rated continuous. Some applications however may use motors designed for intermittent duty
- **Configuration/Frame** Our products are according to IEC standard, we also can customize the flange and shaft according to the customer drawing
- **Controller function** e.g. forward/reverse, variable speed, acceleration profile, etc.

Previous 6hp 3000rpm Powerful Brushless Dc Motor

Next 3KW 3000RPM IEC 90 Brushless DC Motor

You may like:

 	 	 	 	 
<p>48v 4.5kw 1500rpm BLDC Motor</p>	<p>72V 5500W 3680rpm Brushless Electric Motor With Controller</p>	<p>251mm 72V 4KW Hall Sensor BLDC Motor With Controller</p>	<p>251mm 48V 4000W 2580rpm Hall Sensor With Controller BLDC Motor</p>	<p>48V 4100W High Power NEMA Frame BLDC Motor</p>
				  <p>Customized 4.5kw 72v 1500rpm Brushless Dc Motor</p>

		
6hp 3000rpm Powerful Brushless Dc Motor	5.5HP 48V High Power Brushless DC Motors	5500W High Power High RPM BLDC Motors

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