

Home > Products > Motor power-Brushless Motor > 2 HP Brushless DC Motor



3.7KW 60V 3600RPM Electric Brushless DC Motor

Model Number:	VOL-BL370C60
Type:	Brushless DC Motor
Output Power:	3.7KW
DC Voltage:	60V
Speed Range:	3600 RPM
Poles:	4P, 6P, 8P...

Detailed information	
----------------------	--

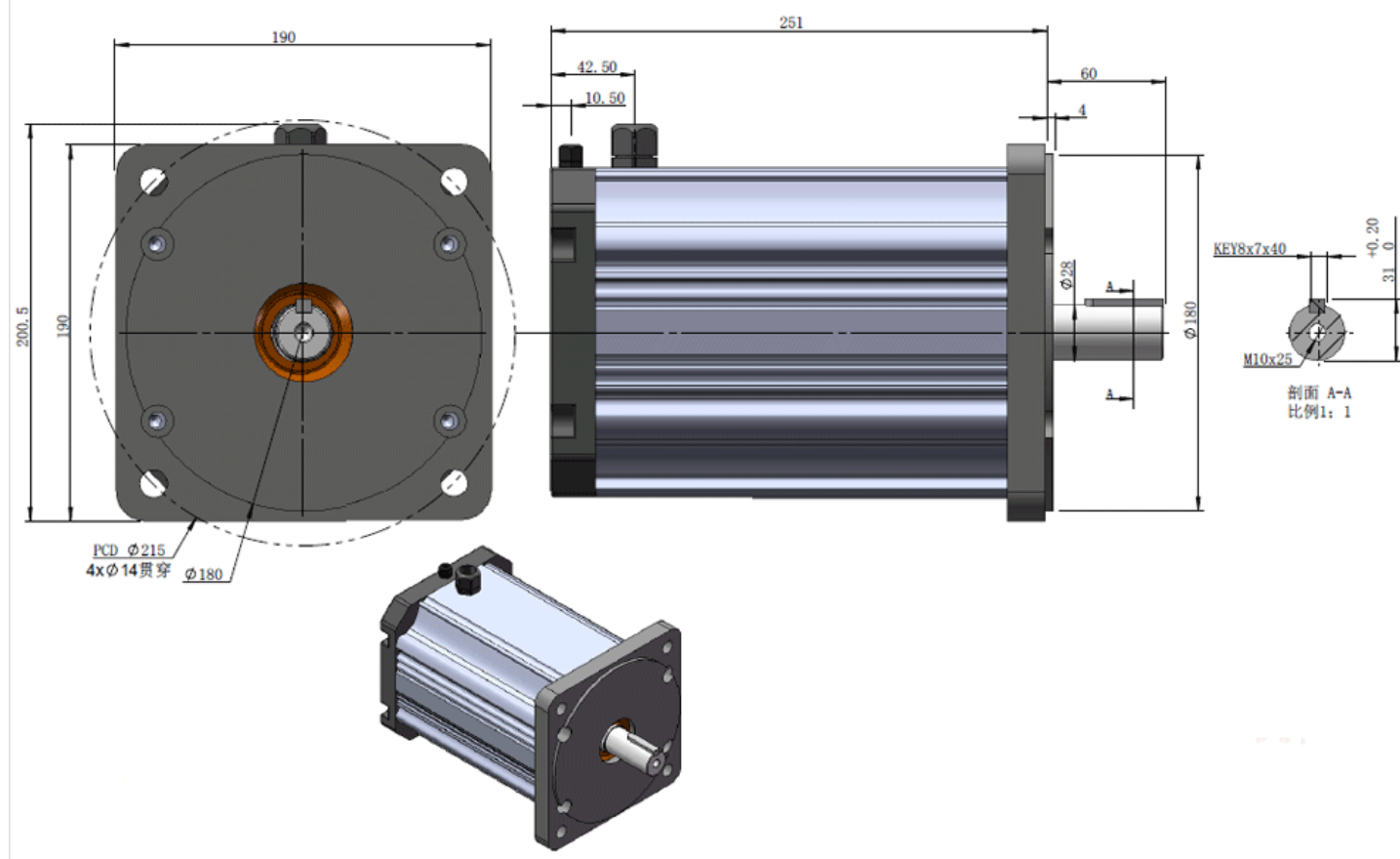
Brand Name:	Volcano Electric	Model Number:	VOL-BL370C60	Type:	Brushless DC Motor
Output Power:	3.7KW	DC Voltage:	60V	Speed Range:	3600 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP44 / IP54	Poles:	4P, 6P, 8P...	Wire:	100% copper
Housing:	Aluminum	Efficiency:	up to 90%		
Duty:	S1 (continuous)	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC standard or NEMA standard
Application:	Boat, Car, EV, Fan, Home Appliance, Traction Motor, Pump, bus A/C systems ,Other				

Product Description

Volcano Electric can provide customer several specifications of DC motor. The voltage can be from 12v DC to 380v AC. The max. power can be up to 10KW. Not only have IEC/NEMA standard motor, but also accept customized. Tell us your require, we will give you a perfect motor. Please feel free to contact our team at info@volcanomotor.com for any technical support.

Brushless DC motors also known as BLDC motors, have much longer life span than brushed DC since there are no brushes to wear out. This gives you a better long-term value for your project. Another main advantage of brushless dc motors is its high efficiency. Brushless motors are also perfect motors for the application running at high speeds such as power tools and brushless blowers. In many cases, brushless motors are made

Configuration



Brushless motor list

Motor type	Output	Voltage	Load	Speed	Rated Torque	Poles	Efficiency	Noise
	KW	V	A	RPM	N.m		%	dB
VOL-BL0.8C12	0.8	12	72.46	1800	4.24	8	92	62
VOL-BL0.8C24	0.8	24	36.23	1800	4.24	8	92	62
VOL-BL0.8C48	0.8	48	18.12	1800	4.24	8	92	62
VOL-BL0.8C60	0.8	60	14.49	1800	4.24	8	92	62
VOL-BL0.8C72	0.8	72	12.08	1800	4.24	8	92	62
VOL-BL0.8C110	0.8	110	4.56	1800	4.24	8	92	62
VOL-BL0.8C220	0.8	220	2.28	1800	4.24	8	92	62

- Lower Maintenance 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%)
- Lower temperature rise - more efficient heat dissipation due to winding construction
- Reduction of EMI

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 3KW 3000RPM IEC 90 Brushless DC Motor Next 2.5KW 72V Hall Sensor Brushless DC Motor

You may like:

				
48V 90% Efficiency 1500W Hall Sensor EV Motor With Brake	310VDC 1500W 3500RPM BLDC Motor	2HP 24V 3500RPM Hall Sensor Brushless DC Motor	60V 3500W High Power BLDC Motor	3KW 3000RPM IEC 90 Brushless DC Motor
				
2.5KW 72V Hall Sensor Brushless DC Motor	2.8KW 48V Sensorless BLDC Motor Driver	1.5 KW Brushless DC motors IEC 90L Frame	2000W 60V 3000RPM Brushless DC Motor	



3750 RPM High Speed
Brushless DC Electric Motor

DC Motor Manufacturer & Supplier in China
Email: info@volcanomotor.com | Tel: 86-18157453060

[About Us](#) [Products](#) [Solutions](#) [Contact Us](#) [Feedback](#) [Search](#)

Copyright © Ningbo volcanic electric co.,LTD