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800W 60V 1800RPM Brushless DC electric Motor

Model Number:	VOL-BL0.8C60
Type:	Brushless DC Motor
Output Power:	800W
DC Voltage:	60V
Speed Range:	1800 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL0.8C60	Type:	Brushless DC Motor
Output Power:	800W	DC Voltage:	60V	Speed Range:	1800 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

800W 60V 1800RPM Brushless dc electric motor is a low voltage brushless dc motor. The brushless dc motor is widely used in applications including home appliance, cars ,tools, industrial auto-control ,etc. Brushless dc motor is designed for high performance. A BLDC motor has a rotor with permanent magnets and the stator contains the windings. If you just need the motor work for a short term, the brushed dc motor will be more suitable. But if you need it work continuously, the BLDC motor is much better than any other motors. We are a manufacturer and trading company from Ningbo. We can ship you our standard product, customize it to your speed and torque requirements or completely design a motor from scratch to fit your special needs.

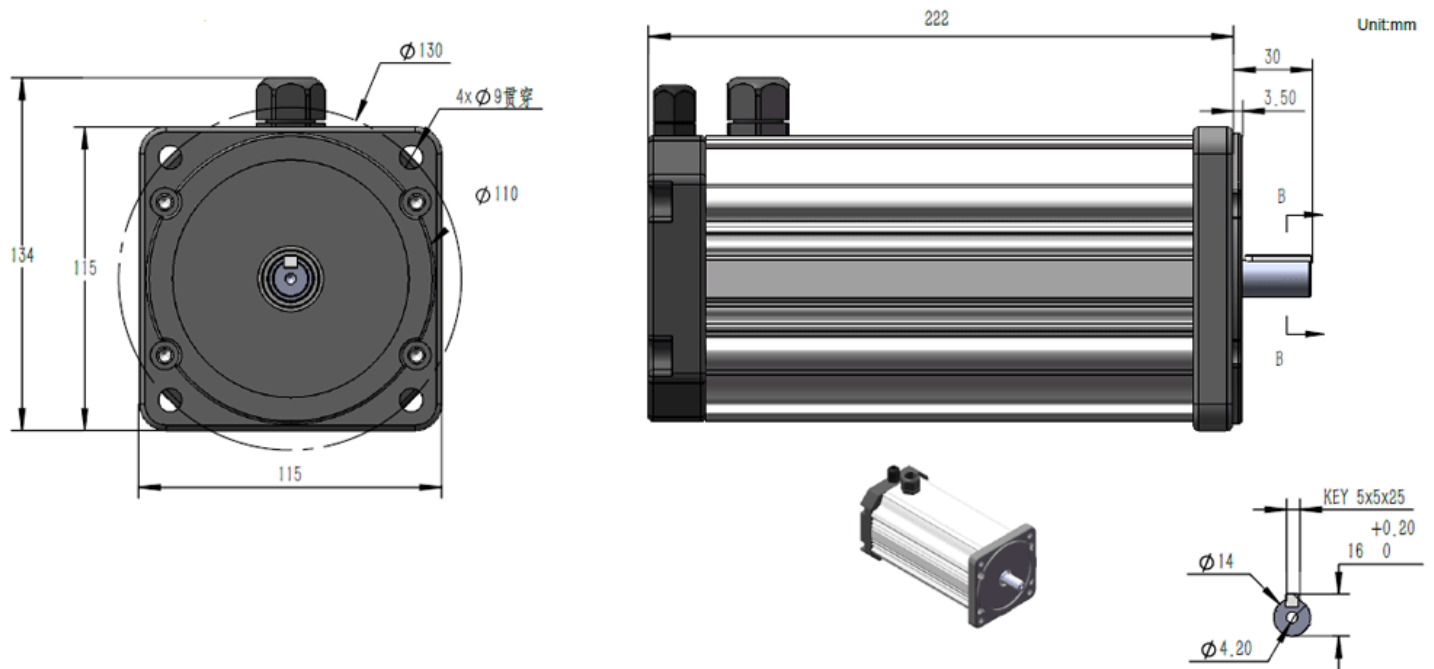
Please feel free to contact our team at info@volcanomotor.com for any technical support.

How to Select a Brushless DC Motor

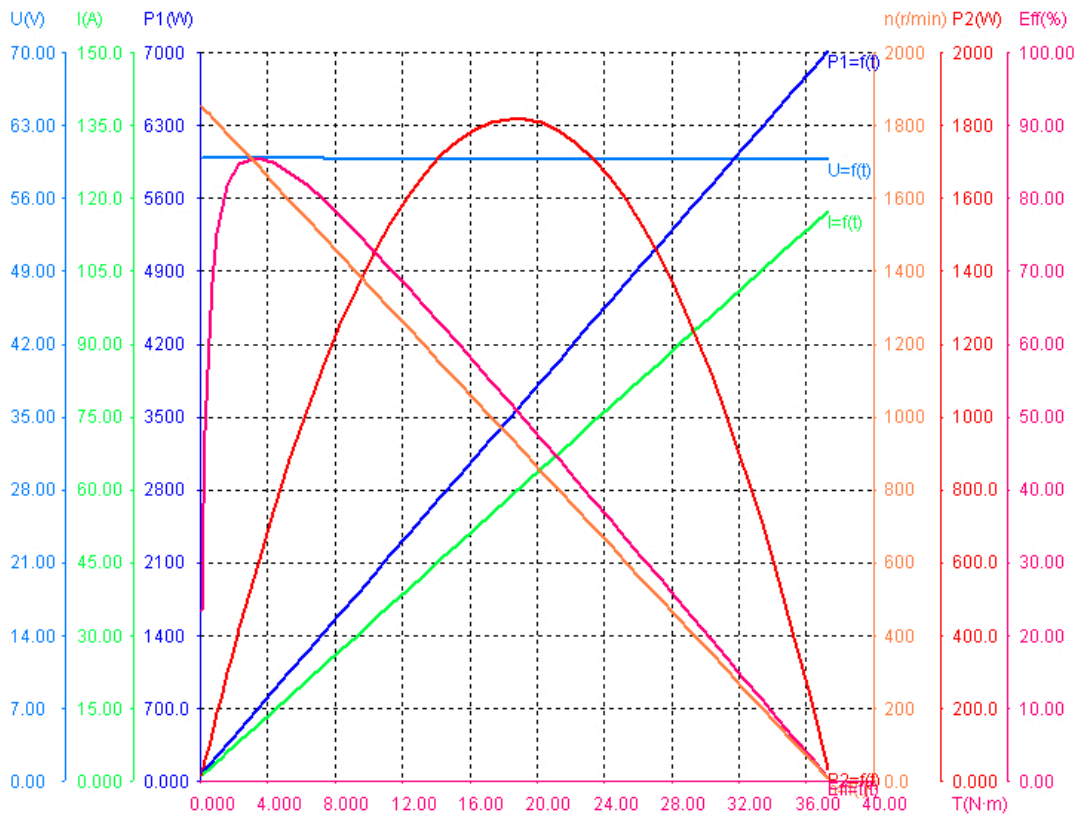
Selecting the appropriate Brushless DC Motor requires knowing the requirements of the application, such as torque, speed, size, power, length, etc. While determining which Brushless DC Motor best fits the requirements, the controller must be considered as well, as this goes hand in hand with the operation of the Brushless DC Motor.

Lastly, environment is important to consider. Applications requiring a harsh, damp environment may require motors with specific IP ratings.

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-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

Advantages of Brushless DC motor:

- 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 2.5KW 72V Hall Sensor Brushless DC Motor Next 72V 3000RPM High Torque Brushless DC Motor

You may like:

 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	 VOLCANO ELECTRIC
220V 750W 3000RPM 6P Brushless DC Motor	48v 1kw 3000rpm Brushless Dc Motor For Electric Vehicle	48V High Torque 1000W Hall Sensor EV Motor	30V 1000W IP54 Brushless DC EV Motor With Hall Sensor	BLDC 24V 1200W 2300RPM EV Motor High Efficiency
				 VOLCANO ELECTRIC
48V 1000W IP54 Brushless DC Motor Hall Sensor				
 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	 VOLCANO ELECTRIC	
24V Brushless DC Motor 3000rpm for Vehicle	24V 750W 3000RPM Brushless DC Motor	High efficiency 1000w 110v 1500rpm Brushless DC Motor	Custom 1.5KW 48V 1800RPM Brushless DC Motor	

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