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1.3KW 36V 3200RPM Electric BLDC Motor

Model Number:	VOL-BL130C36
Type:	Brushless DC Motor
Output Power:	1300w
DC Voltage:	36V
Speed Range:	3200 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL130C36	Type:	Brushless DC Motor
Output Power:	1.3 KW	DC Voltage:	36V	Speed Range:	3200 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

1.3KW 36V 3200RPM electric BLDC Motor is a low voltage dc motor with high efficiency. The operation ways of brushless DC motor is different from the brushes dc motor. A brushless DC (BLDC) motor implements the basic operating principles of DC motor operation a bit differently by placing the permanent magnet in the rotor and the windings in the stator. The windings are electrically separate from each other, which allows them to be turned on and off in a sequence that creates a rotating magnetic field. In this case, it’ s the field of the rotor’ s permanent magnet that makes the rotor turn.

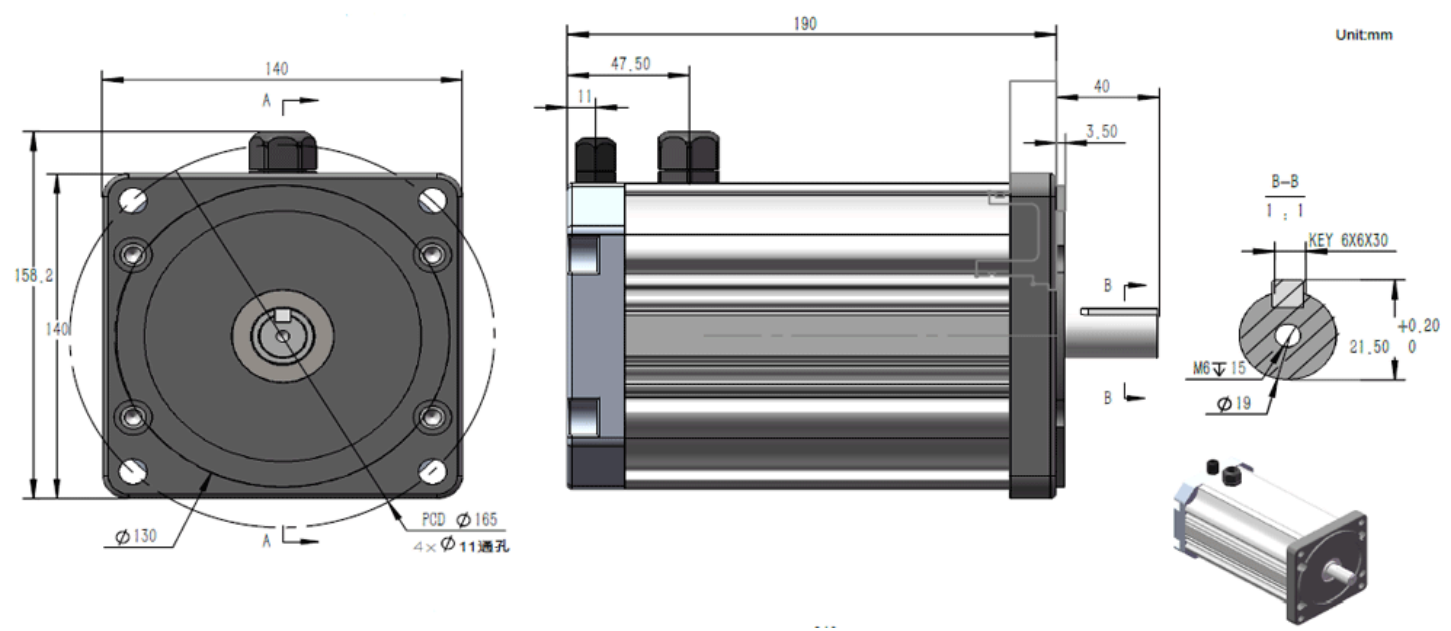
How to Select a Brushless DC Motor

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-BL090C24	0.9	24	44.6	2600	3.31	8	84	60
VOL-BL100C48	1	48	24.5	2500	3.82	8	85	60
VOL-BL120C24	1.2	24	63.3	4200	2.73	8	79	60
VOL-BL120C36	1.2	36	39.7	2270	5.05	8	84	60
VOL-BL125C24	1.25	24	62	3200	3.73	8	84	60
VOL-BL130C36	1.3	36	40.12	3200	3.88	8	90	60
VOL-BL150C24	1.5	24	73.5	2590	5.53	8	85	61
VOL-BL150C72	1.5	72	23.5	3200	4.48	8	89	61
VOL-BL200C24	2	24	98.6	3360	5.68	8	84.5	61.5
VOL-BL250C24	2.5	24	123	3350	7.13	8	84.7	61.5

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






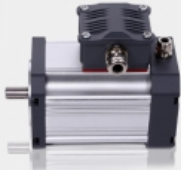




For customized DC Motors, please contact our technician, Ordinary, we have to know the following information to get a professional proposal:

- **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 72V 3000RPM High Torque Brushless DC Motor Next High Efficiency EC Motors 120W variable speed

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	Custom 1.5KW 48V 1800RPM Brushless DC	

Motor	Motor
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