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## 24V 750W 3000RPM Brushless DC Motor

Model Number:	VOL-BL075B24
Type:	Brushless DC Motor
Output Power:	750W
DC Voltage:	24V
Speed Range:	3000 RPM
Poles:	2P

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL075B24	Type:	Brushless DC Motor
Output Power:	750W	DC Voltage:	24V	Speed Range:	3000 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class F
Enclosure:	IP54	Poles:	2P	Wire:	100% copper Coil
Current:	33.76A	Sensor:	Hall sensor	Certification:	CE,UL,ROHS
Housing:	Aluminum frame	Efficiency:	85%		
Duty:	S1 or S3	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC / Custom
Application:	Boat, Car, Sightseeing cars, Home Appliance, Oil Pump, Vehicle, Other				

### Product Description

24v 750w 3000rpm Brushless dc motor is the type of motor that rapidly gaining popularity and widely used in vehicle, excavator, lawn mower and so on. The brushless dc motor can be Single phase, two phases and three phases. The number of stator windings corresponds to its type. As for now, three phases is the most popular one and the most common use. For us, we can make all and just tell us your requirement.

We insist that quality and honesty come first. Waiting for you and feel free to contact our team at info@volcanomotor.com for any technical support.

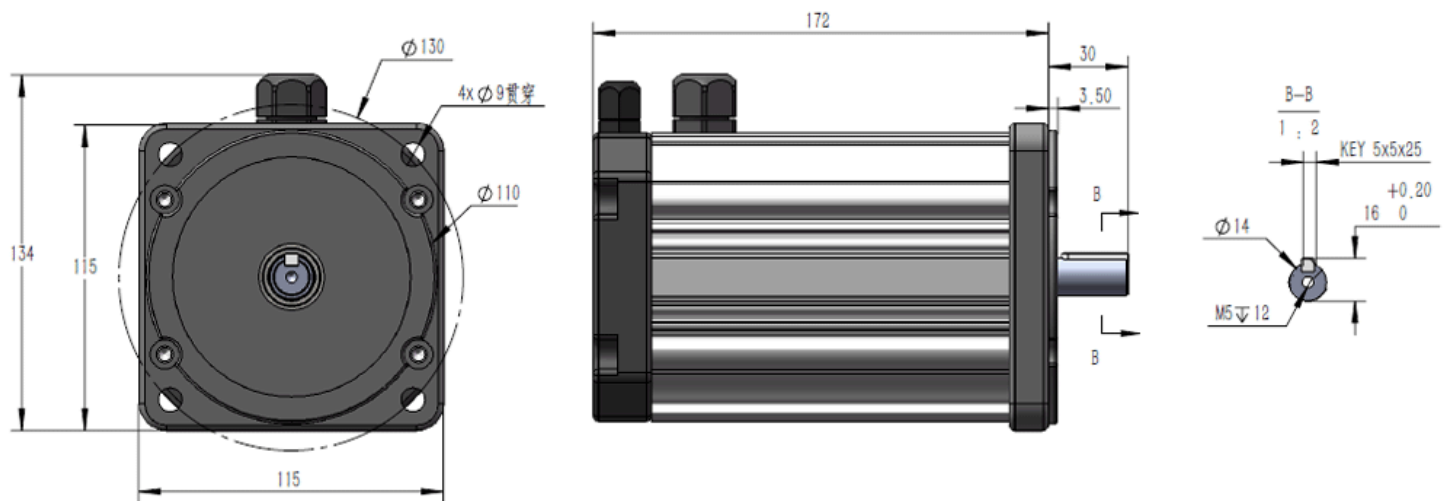
### Motor construction

Brushless dc motor also have the stator and rotor same like the common dc motor, but it cancel the brushes. The stator used by silicon steel sheet and the rotor make by permanent magnet. It can be 2 poles to 8 poles just as you wish. Different with the brushes dc motor, the commutation of the BLDC motor is electronically controlled. We will use the hall sensors to do it. Also can use the magnetic encoder.

### Motor construction

Motor type	VOL-BL075B24
Rated power	750W
Rated speed	3000RPM
Rated torque	2.39N.m
Peak torque	4.78N.m
Current	36.76A
Voltage	24V
Insulation class	Class F

### 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-BL075B24	0.75	24	36.76	3000	2.39	2	85	62
VOL-BL075B48	0.75	48	16.98	3000	2.39	2	92	62
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 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
- Simple structure
- Higher speed range- no limit of brushes and commutator

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 Sensored 12v 0.5hp 3000rpm Bldc Motor](#)

[Next 12v 600w 1800rpm Brushless Dc Motor With Hall Sensors](#)

You may like:

				
<p>220V 750W 3000RPM 6P Brushless DC Motor</p>	<p>48v 1kw 3000rpm Brushless Dc Motor For Electric Vehicle</p>	<p>48V High Torque 1000W Hall Sensor EV Motor</p>	<p>30V 1000W IP54 Brushless DC EV Motor With Hall Sensor</p>	<p>BLDC 24V 1200W 2300RPM EV Motor High Efficiency</p>
				 <p>48V 1000W IP54 Brushless DC Motor Hall Sensor</p>

 	 	 	 
24V Brushless DC Motor 3000rpm for Vehicle	High efficiency 1000w 110v 1500rpm Brushless DC Motor	Custom 1.5KW 48V 1800RPM Brushless DC Motor	48V 750W 3000RPM Sensored Brushless DC Motor

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