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## 220V 750W 3000RPM 6P Brushless DC Motor

Model Number:	VOL-BL075B220
Type:	Brushless DC Motor
Output Power:	750W
DC Voltage:	220V
Speed Range:	3000 RPM
Poles:	6P

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL075B220	Type:	Brushless DC Motor
Output Power:	750W	DC Voltage:	220V	Speed Range:	3000 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class F
Enclosure:	IP54	Poles:	6P	Wire:	100% copper Coil
Current:	4.4 A	Sensor:	Hall sensor	Certification:	CE,UL,ROHS
Housing:	Aluminum frame	Efficiency:	up to 92%		
Duty:	S1	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC / Custom
Application:	Boat, Car, Sightseeing cars, Home Appliance, Oil Pump, Vehicle, Other				

### Product Description

Volcano Electric provide customized motor as you want. Different controller model and gearboxes are also options. Our Brushless DC Motor is widely used in automation equipment such as Copier, Printing machinery, Packing machine, Grinding machine, Tool, Milling machine, Medical apparatus, Sightseeing cars, etc.

Input voltage is 220Vac and the rated output power is 750W. Standard shaft diameter is 12mm, out frame size length is 172mm, width 115mm.

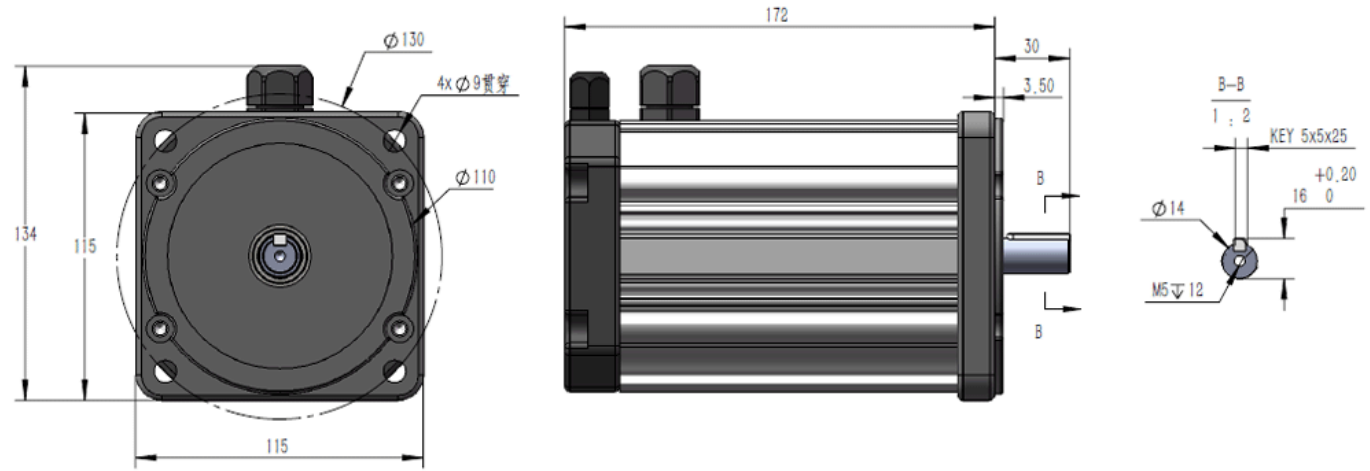
We insist that quality and honesty come first. Waiting for you and feel free to contact our team at info@volcanomotor.com for any technical support.

### Motor construction

Motor type	VOL-BL075B220
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Output power	750W
Output speed	3000RPM
Output torque	2.39N.m
Max torque	4.78N.m
Current	4.4A
Voltage	220V
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-BL075B220	0.75	220	4.4	3000	2.39	8	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 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

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.


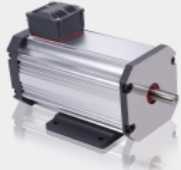

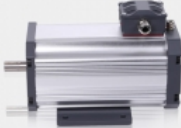


Previous 2HP 24V 3500RPM Hall Sensor Brushless DC Motor      Next 380Vac 3HP PMSM Motors

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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	48V 750W 3000RPM Sensored Brushless DC Motor

DC Motor Manufacturer & Supplier in China  
Email: [info@volcanomotor.com](mailto:info@volcanomotor.com) | Tel: 86-18157453060

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