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## 310VDC 1500W 3500RPM BLDC Motor

Model Number:	VOL-BL150C310
Type:	Brushless DC Motor
Output Power:	1.5KW
DC Voltage:	310V
Speed Range:	3500 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL150C310	Type:	<a href="#">Brushless DC Motor</a>
Output Power:	1500w	DC Voltage:	310V	Speed Range:	3500 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 85%		
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				

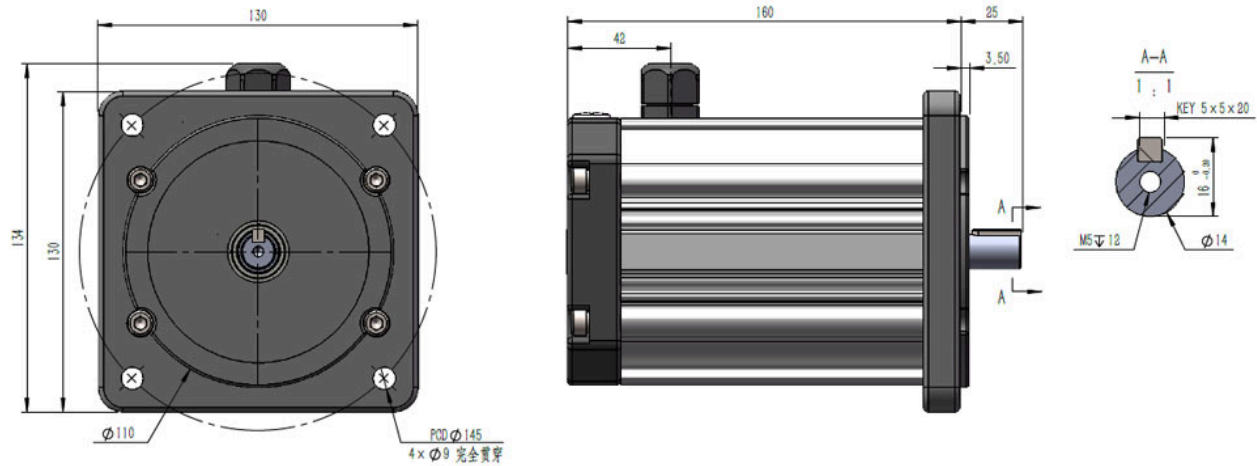
**Product Description**

Volcano makes various BLDC motor, mainly power covered from 12V~96V, among all different voltages, 48V BLDC motor is volcano’ s featured product. Power range from 200W to 5000W, Speed range from 1000RPM to 6000RPM. It covers different applications, like lifting equipments, automatic door industry, electric car industry etc.

This Volcano BLDC motor, with specification of 310VDC, 1500W, 3500RPM, duty continues, IP54, efficiency goes up as 85%, offer 4.09 Nm torque value, rated current 6.2A, application for compressor industry. This motor designed with 8 poles magnets per rotor. This BLDC motor comes without hall sensor as our clients requirement. One thing to be sure, we can provide the hall sensor and suggest a suitable controller for this motor for sure.

If you have interesting for this motor, please feel free to contact us by [info@volcanomotor.com](mailto:info@volcanomotor.com)

**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-BL150C310	1.5	310	6.2	3500	4.09	8	85	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.

You may like:

				
48V 90% Efficiency 1500W Hall Sensor EV Motor With Brake	2HP 24V 3500RPM Hall Sensor Brushless DC Motor	60V 3500W High Power BLDC Motor	3KW 3000RPM IEC 90 Brushless DC Motor	3.7KW 60V 3600RPM Electric 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

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