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Custom 1.5KW 48V 1800RPM Brushless DC Motor

Model Number:	VOL-BL150C48
Type:	Brushless DC Motor
Output Power:	1.5KW
DC Voltage:	48V
Speed Range:	1800 RPM
Poles:	6P

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL150C48	Type:	Brushless DC Motor
Output Power:	1.5KW	DC Voltage:	48V	Speed Range:	1800RPM
Current:	33.97A	Torque:	7.96Nm	Sensor:	Hall sensor, customized
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class F
Enclosure:	IP54	Poles:	6P	Wire:	Copper Coil
Housing:	Aluminum	Efficiency:	up to 90%	Certification:	CE, UL, ROHS
Duty:	S1, Customized	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC / Custom
Application:	Boat, Electric Vehicle, Sightseeing cars, Fan, Home Appliance, Pump, bus A/C systems ,Other				

Product Description

Volcano Electric can provide one-stop service, DC motor, matching controller and gearbox. Both can provide brushes dc motor and brushless dc motor, worm gearbox and planetary gearbox. Tell us the motor specifications you want, we will provide it as we can make. The max. power we can provide is 10kw. Can meet the requirement as your need.

We choose to use aluminum to be the housing. 100% copper coils. Aluminum is lighter in material, have no magnetic, no metal pollution and no toxicity. Copper wire conductivity, tensile strength, electrical loss rate and other indicators are better than aluminum wire. As the same power

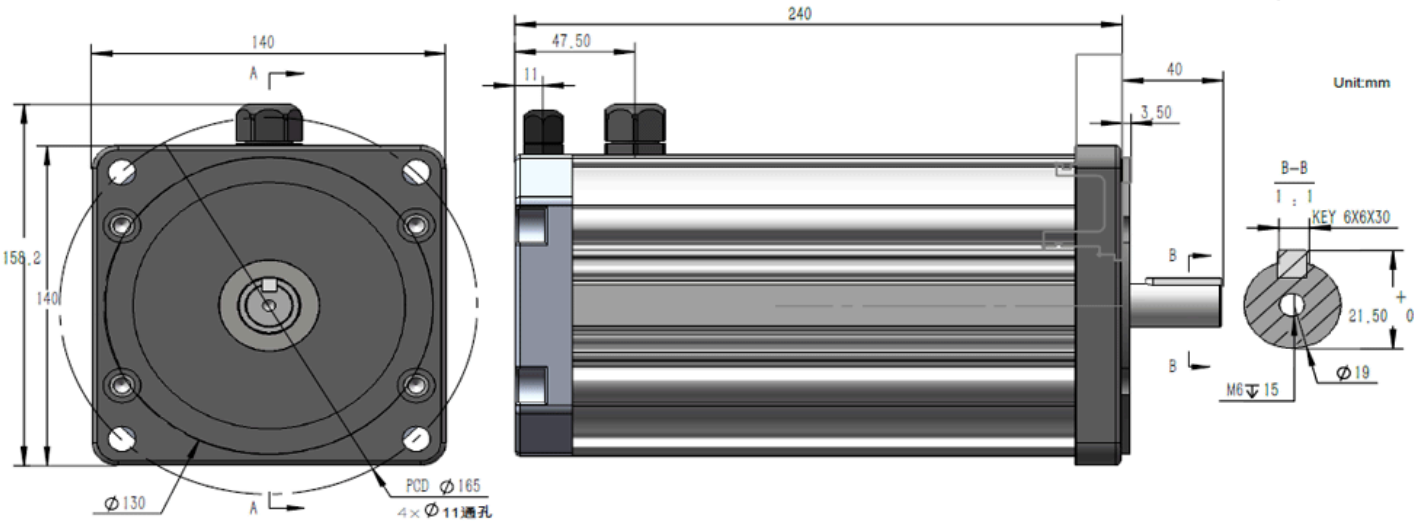
motor, copper is much smaller than aluminum in size and more energy saving. Therefore, Volcano Electric dc motor can provide much higher efficiency than others. It can up to 90% in the best state.

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.

Specifications

Motor type	VOL-BL150C48
Output power	1.5KW
Output speed	1800RPM
Output torque	7.96N.m
Current	33.97A
Voltage	48V

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-BL075B48	0.75	48	16.98	3000	2.39	6	92	62
VOL-BL090C24	0.9	24	44.60	2600	3.31	6	84	60
VOL-BL100C48	1	48	24.50	2500	3.82	6	85	60
VOL-BL120C24	1.2	24	63.30	4200	2.73	6	79	60
VOL-BL120C36	1.2	36	39.70	2270	5.05	6	84	60
VOL-BL125C24	1.25	24	62.00	3200	3.73	6	84	60
VOL-BL130C36	1.3	36	40.12	3200	3.88	6	90	60
VOL-BL150C24	1.5	24	73.50	2590	5.53	6	85	61
VOL-BL150C48	1.5	48	33.97	1800	7.96	6	92	61
VOL-BL150C72	1.5	72	23.50	3200	4.48	6	89	61
VOL-BL200C24	2	24	98.60	3360	5.68	6	84.5	61.5
VOL-BL250C24	2.5	24	123.00	3350	7.13	6	84.7	61.5

Why choose Brushless DC motors:

- Lower Maintainance and longer lifetime - no brush and commutator erosion
- Lower noise - the elimination of brush contact
- Lower temperature rise - more efficient heat dissipation due to winding construction
- Higher power to weight ratio
- Higher efficiency (in general higher than 90%)

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 High efficiency 1000w 110v 1500rpm Brushless DC Motor](#)

[Next 48V 750W 3000RPM Sensored Brushless DC Motor](#)

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	24V 750W 3000RPM Brushless DC Motor	High efficiency 1000w 110v 1500rpm Brushless DC Motor	48V 750W 3000RPM Sensored Brushless DC Motor

DC Motor Manufacturer & Supplier in China
Email: info@volcanomotor.com | Tel: 86-18157453060

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