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48V 750W 3000RPM Sensored Brushless DC Motor

Model Number:	VOL-BL075B48
Type:	Brushless DC Motor
Output Power:	750W
DC Voltage:	48V
Speed Range:	3000 RPM
Poles:	6P

Detailed information	
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Brand Name:	Volcano Electric	Model Number:	VOL-BL075B48	Type:	Brushless DC Motor
Output Power:	750W	DC Voltage:	48V	Speed Range:	3000 RPM
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	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC / Custom
Application:	Boat, Car, Sightseeing cars, Fan, Home Appliance, Pump, bus A/C systems ,Other				

Product Description

Volcano Electric can provide a complete system. Not only the dc motor, but also can provide you the matching controller and gearbox as you need. One-stop solution of motor, controller and gearbox. Tell us the motor specifications you want, we will provide it as we can make.

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.

We choose aluminum to make the motor housing. Aluminum is lighter in material, have no magnetic, no metal pollution, no toxicity and so on. It can meet the using need. IEC standard frame is the most we used, but can make as you wish. Try our best to meet customer’ s needs and provide

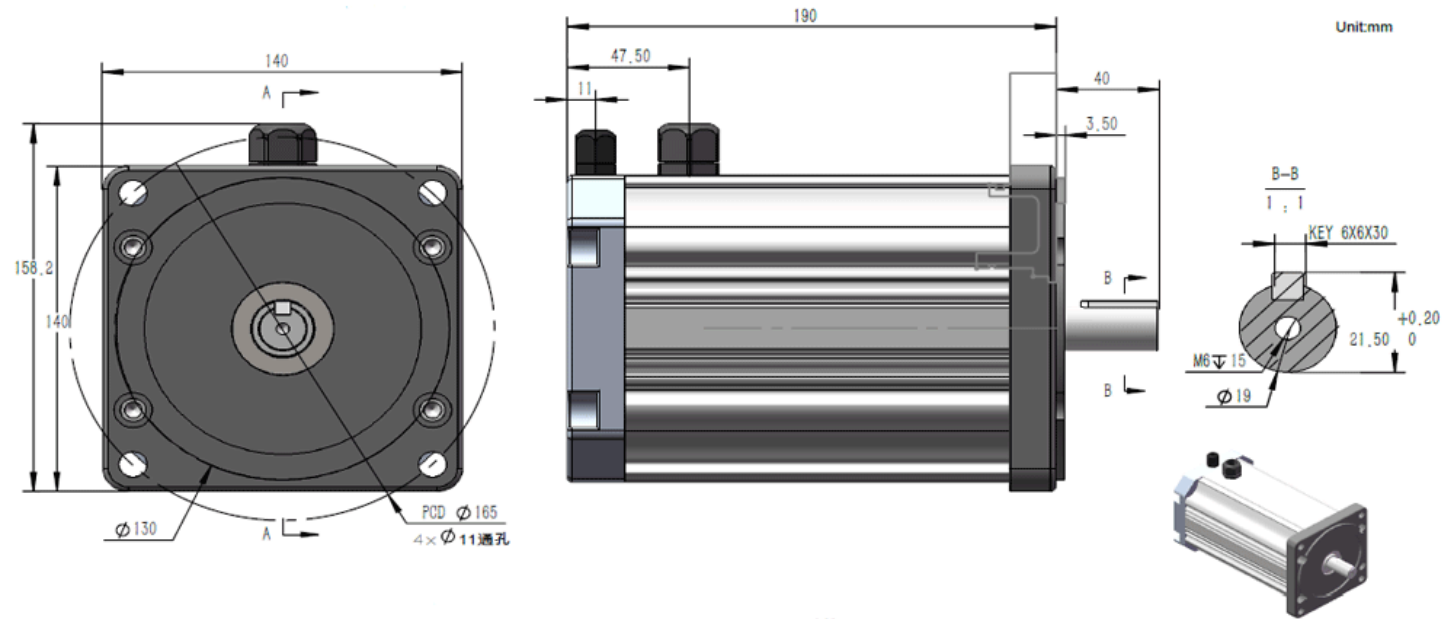
the perfect product and service.

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-BL075B48
Output power	750W
Output speed	3000RPM
Output torque	2.39N.m
Max torque	4.78N.m
Current	16.98A
Voltage	48V
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-BL075B48	0.75	48	16.98	3000	2.39	6	92	62
VOL-BL090C24	0.9	24	44.6	2600	3.31	6	84	60
VOL-BL100C48	1	48	24.5	2500	3.82	6	85	60
VOL-BL120C24	1.2	24	63.3	4200	2.73	6	79	60
VOL-BL120C36	1.2	36	39.7	2270	5.05	6	84	60
VOL-BL125C24	1.25	24	62	3200	3.73	6	84	60
VOL-BL130C36	1.3	36	40.12	3200	3.88	6	90	60
VOL-BL150C24	1.5	24	73.5	2590	5.53	6	85	61
VOL-BL150C72	1.5	72	23.5	3200	4.48	6	89	61
VOL-BL200C24	2	24	98.6	3360	5.68	6	84.5	61.5
VOL-BL250C24	2.5	24	123	3350	7.13	6	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 Custom 1.5KW 48V 1800RPM Brushless DC Motor

Next Customized PM motors 4KW 2580RPM

You may like:

				
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



48V 1000W IP54 Brushless
DC Motor Hall Sensor

			
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

DC Motor Manufacturer & Supplier in China
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