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Customized 700W 24V Brushless DC Motor

Model Number:	VOL-BL0.7A24
Type:	Brushless DC Motor
Output Power:	700w
DC Voltage:	24V
Speed Range:	1500 RPM
Poles:	4P, 6P, 8P...

Detailed information

Brand Name:	Volcano Electric	Model Number:	VOL-BL0.7A24	Type:	Brushless DC Motor
Output Power:	700w	DC Voltage:	24V	Speed Range:	1500 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 92%		
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

Customized 700W 24V [Brushless DC Motor](#) is a low voltage brushless dc motor. Brushless dc motors are developed from brushed dc motors and have the characteristics of brushed dc motor. The most obvious difference is its lack of brushes and a commutator. About the commutator, in a brushed dc motor, the motor assembly contains a physical commutator which is moved by brushes in order to move the rotor. With a brushless motor, electrical current powers a permanent magnet that cause the motor to move. We can ship you our standard product, customize it to your speed and torque requirments or completely design a motor from scratch to fit your special needs.

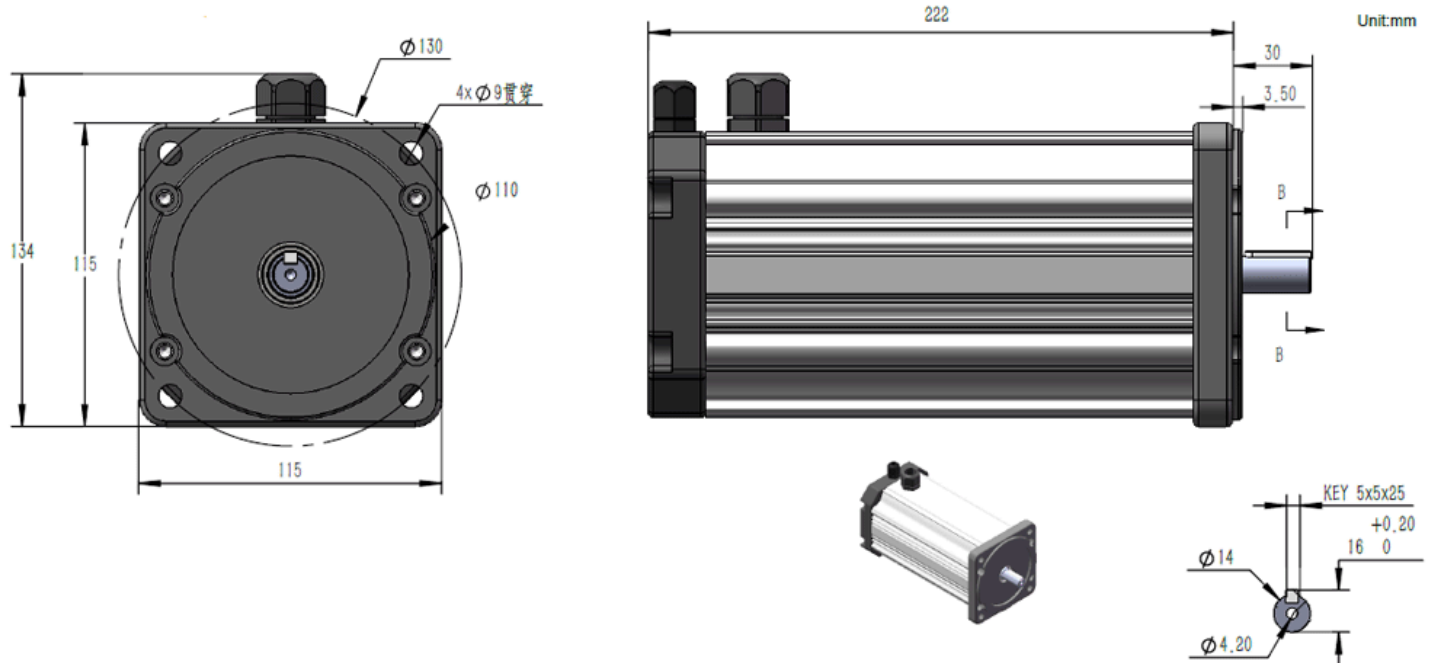
Please feel free to contact our team at info@volcanomotor.com for any technical support.

How to Select a [Brushless DC Motor](#)

Selecting the appropriate Brushless DC Motor requires knowing the requirements of the application, such as torque, speed, size, power, length, etc. While determining which Brushless DC Motor best fits the requirements, the controller must be considered as well, as this goes hand in hand with the operation of the Brushless DC Motor.

Lastly, environment is important to consider. Applications requiring a harsh, damp environment may require motors with specific IP ratings.

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-BL0.7A12	0.7	12	63.41	1500	4.46	8	92	62
VOL-BL0.7A24	0.7	24	31.70	1500	4.46	8	92	62
VOL-BL0.7A48	0.7	48	15.85	1500	4.46	8	92	62
VOL-BL0.7A72	0.7	72	10.57	1500	4.46	8	92	62
VOL-BL0.7A110	0.7	110	3.99	1500	4.46	8	92	62
VOL-BL0.7A220	0.7	220	2.00	1500	4.46	8	92	62

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.

Previous High Efficiency EC Motors 120W variable speed

Next 1500RPM 400W 12V High torque Brushless DC Motor

You may like:

				
Hall Sensor BLDC Motor 370W 12V For EV Application	24v 500w Higher Efficiency Hallsensor Bldc Motor	76V 400W 2000RPM IP54 BLDC Motor	12V 1000W 1500RPM BLDC Motor With Hall Sensor	Sensored 12v 0.5hp 3000rpm Bldc Motor
				
12v 600w 1800rpm Brushless Dc Motor With Hall Sensors	1500RPM 400W 12V High torque Brushless DC Motor	600W 1800RPM 48V DC Brushless Motor	150W Brushless DC Motor In Textile Machinery	
				
560W 24V 2250RPM Brushless DC Motor				

DC Motor Manufacturer & Supplier in China
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