



Home > Products > Motor power-Brushless Motor > 5 HP Brushless DC Motor



251mm 48V 4000W
2580rpm Hall Sensor With
Controller BLDC Motor

Model Number:	VOL-BL400C48
Type:	Brushless DC Motor
Output Power:	4KW
DC Voltage:	48V
Speed Range:	2580 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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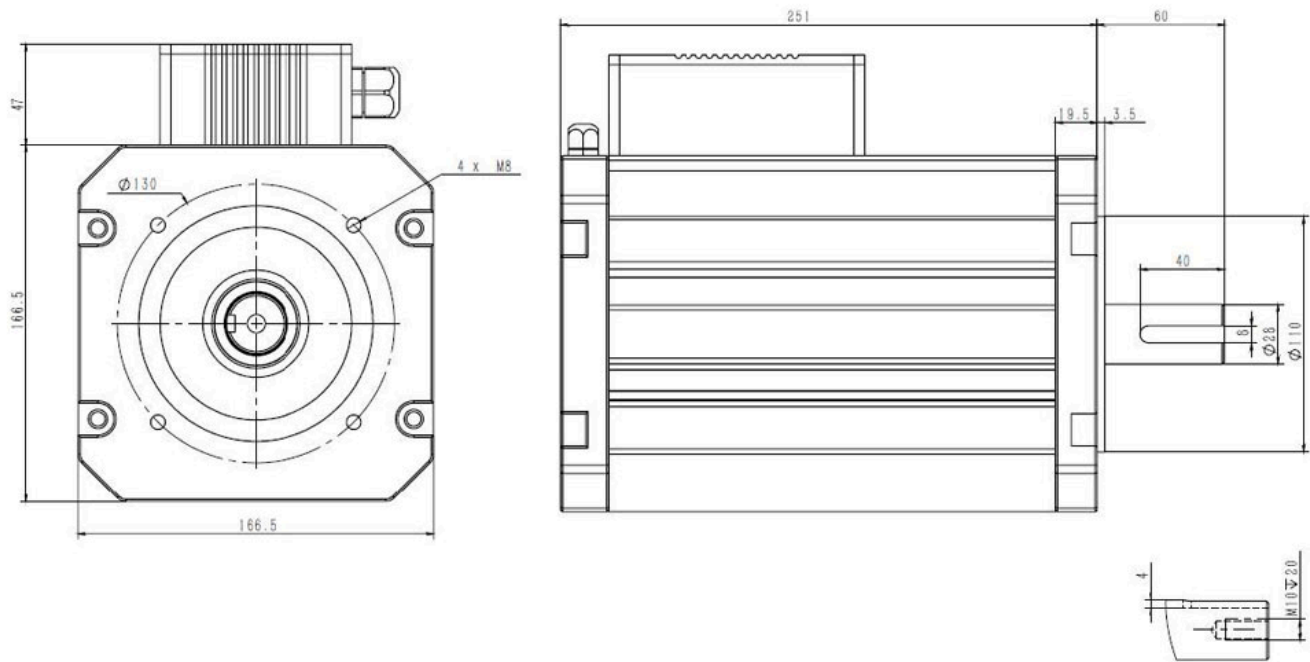
Brand Name:	Volcano Electric	Model Number:	VOL-BL400C48	Type:	Brushless DC Motor
Output Power:	4000W	DC Voltage:	48V	Speed Range:	2580 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP44/IP54	Poles:	4P, 6P, 8P...	Wire:	100% copper
Current:	58.82A	Sensor:	Hall sensor, Optional	Certification:	CE,UL,ROHS
Housing:	Aluminum frame	Efficiency:	up to 87		
Duty:	S1 (continuous)	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC/NEMA
Application:	Boat, Car, EV, Fan, Home Appliance, Traction Motor, Pump, bus A/C systems ,Other				

Product Description

Volcano electric BLDC Motor 48V, 4000W, 2580RPM, IP54 duty continues, along with hall sensor , controller. The gross weight of the motor is 16kgs. Motor efficiency is 87% and under rated power of 4000W, the motor gives round 12.3N.m torque value. Rotation of this motor is CW and CCW. Mounting method of this motor is B14, we also equipped a junk box for this motor in consideration of the current larger than 100A. For the safety issues. This motor is applied in EV market for electric tricycle.

Volcano electric provide lost of motors in EV application and sold all over words which all give us a good reputation. Our motor come out with high efficiency, economic cost as small size as possible. We accept OEM and customized design.

If you have interesting for this motor, please feel free to contact us by info@volcanomotor.com



Motor type	Output	Voltage	Load	Speed	Rated Torque	Poles	Efficiency	Noise
	KW	V	A	RPM	N.m		%	dB
VOL-BL020C24	0.2	24	10.7	1500	1.27	8	89	62
VOL-BL090C24	0.9	24	44.6	2600	3.31	8	84	60
VOL-BL100C30	1	30	43	1200	7.96	8	88	60
VOL-BL120C24	1.2	24	64.5	2300	4.98	8	89	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-BL400C48	4	48	107	2580	14.81	8	89	61
VOL-BL150C48	1.5	48	40.3	1800	7.96	8	90	61.5
VOL-BL100C48	1	48	26.9	2500	3.82	8	84.7	61.5

- **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 251mm 72V 4KW Hall Sensor BLDC Motor With Controller](#)

[Next 48V 90% Efficiency 1500W Hall Sensor EV Motor With Brake](#)

You may like:

				
48v 4.5kw 1500rpm BLDC Motor	72V 5500W 3680rpm Brushless Electric Motor With Controller	251mm 72V 4KW Hall Sensor BLDC Motor With Controller	48V 4100W High Power NEMA Frame BLDC Motor	Customized 4.5kw 72v 1500rpm Brushless Dc Motor

			
6hp 3000rpm Powerful Brushless Dc Motor	5kw 72v Brushless Dc Motor With Hall Sensor	5.5HP 48V High Power Brushless DC Motors	5500W High Power High RPM BLDC Motors

DC Motor Manufacturer & Supplier in China
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