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76V 400W 2000RPM IP54 BLDC Motor

Model Number:	VOL-BL040C76
Type:	Brushless DC Motor
Output Power:	0.4KW
DC Voltage:	76V
Speed Range:	2000 RPM
Poles:	4P, 6P, 8P...

Detailed information	
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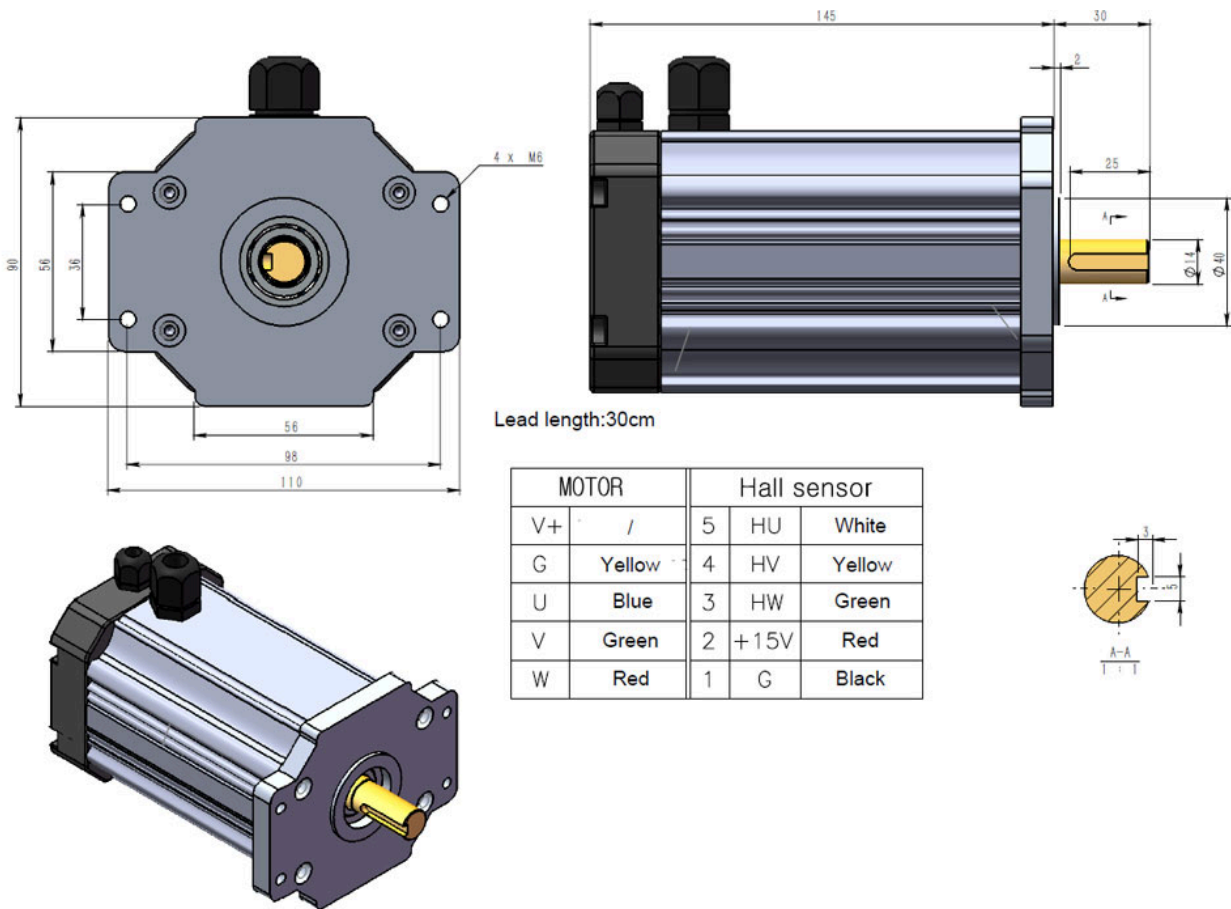
Brand Name:	Volcano Electric	Model Number:	VOL-BL040C76	Type:	Brushless DC Motor
Output Power:	400w	DC Voltage:	76V	Speed Range:	2000 RPM
Controller:	Customized, Optional	Braker:	Optional	Insulation Class:	Class B/F/H
Enclosure:	IP44 / IP54	Poles:	4P, 6P, 8P...	Wire:	100% copper
Housing:	Aluminum	Efficiency:	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

This BLDC motor with power 400W, 2000RPM under 76V, IP54, duty continues, gross weight round 4.5kgs, not heave easy to handle with. Volcano also make other but similar motors which under power 200W, 300W, 350W etc. This series motor are applied for industry conveyor belt control application. These bldc motor are designed to make belt convey with small products much more easier and more smooth.Volcano also provide suitable controller for the motor, with a controller, you can control the motor at the correct speed you want or to get a target torque value as designed best for the motor.

If you have interesting for this motor, please feel free to contact us by 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-BL040C76	0.4	76	6.8	2000	1.91	8	85	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	89	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.

[Previous 310VDC 1500W 3500RPM BLDC Motor](#)

[Next 12V 1000W 1500RPM BLDC Motor With Hall Sensor](#)

You may like:

				
Hall Sensor BLDC Motor 370W 12V For EV Application	24v 500w Higher Efficiency Hallsensor 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

				
Customized 700W 24V Brushless DC Motor	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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