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36V 2000RPM 8 Pole BLDC Motor

Model Number:	BLDC0.75-90
Type:	Brushless DC Motor
Output Power:	0.75HP
DC Voltage:	36V
Speed Range:	2000rpm
Poles:	4P, 6P, 8P...

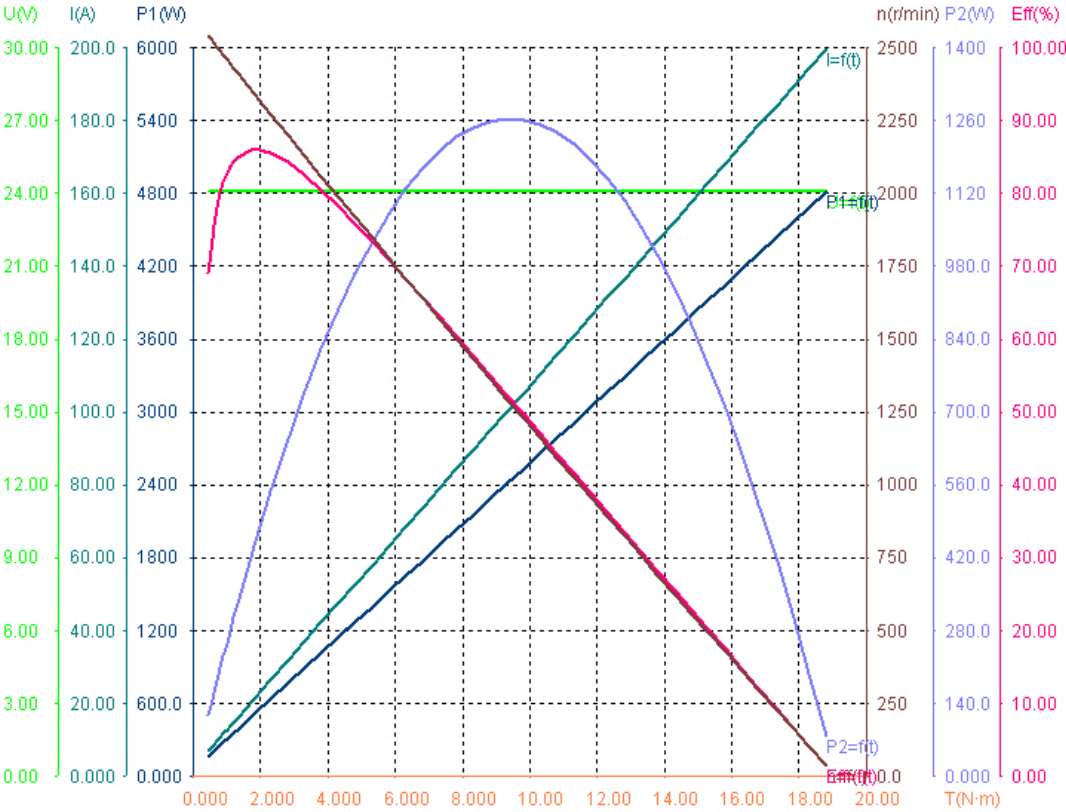
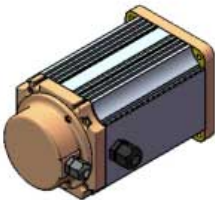
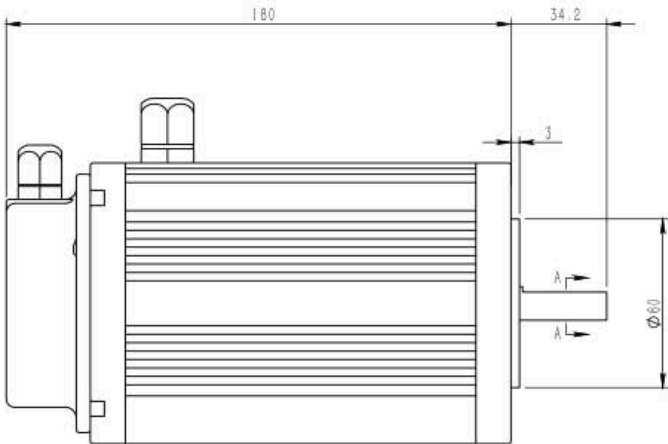
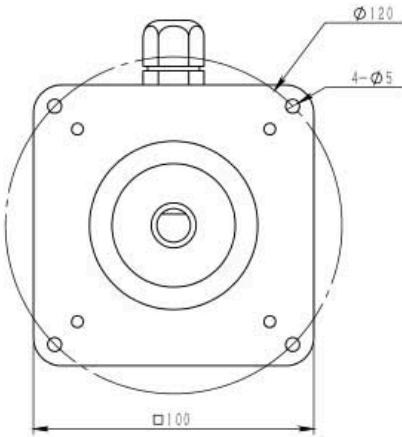
Detailed information

Brand Name:	Volcano Electric	Model Number:	BLDC0.75-90	Type:	Brushless DC Motor
Output Power:	0.75 HP (570W)	DC Voltage:	36V	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:	IE 4.0		
Duty:	S1 (continuous)	Place of Origin:	Zhejiang, China (Mainland)	Standard:	IEC standard or NEMA standard
Application:	Boat, Car, Electric Bicycle, Fan, Home Appliance, Traction Motor, Solar Pump DC systems, bus A/C systems ,Other				

Product Description

This 36V 2000RPM BLDC motor is designed with 8 pole, of course you the motor can be designed as you need, for 4,6 or 8 pole, it’ s all depend on your needs. Also, you could choice the best controller for your motor.

Configuration



Model	Power Kw	Voltage V	Current A	Speed RPM	Nominal torque N.m	Productive needs %	Noise dB
BLDC0.26-76	0.2	48V	4.9	850	2.24	85	60

BLDC0.3-76	0.24	24V	11.8	1600	1.43	84	60
BLDC0.3-76	0.24	48V	5.9	2000	1.15	85	60
BLDC0.4-76	0.3	36V	9.8	2000	1.43	85	60
BLDC0.4-76	0.3	48V	7	2000	1.43	85	60
BLDC0.47-76	0.35	24V	7.4	1950	1.71	85	60
BLDC0.5-90	0.37	24V	18.1	3500	1	85	60
BLDC0.5-90	0.37	24V	18.1	1600	2.23	85	60
BLDC0.55-90	0.37	250V	1.7	1200	2.94	85	60
BLDC0.6-90	0.45	300V	1.8	1500	1.27	84	80
BLDC0.65-90	0.48	48V	11.8	3650	1.26	85	61
BLDC0.75-90	0.56	36V	18.3	2000	2.67	84.5	61.5
BLDC0.8-90	0.62	72V	10.1	1550	3.82	84.7	61.5
BLDC0.9-90	0.68	48V	16.7	1650	3.93	92.5	61

***CAN MAKE ACCORDING TO YOUR REQUIRMENT**

Advantages of Brushless DC motor:

- lower maintenance as they have no brushes to wear out
- higher starting torque due to rare earth magnets
- higher efficiency(over 90%)on sub fractional motors
- more compact design
- better heat disipation
- lower noise

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 48V 500W Brushless DC Motor](#)

[Next 300W 36V 2000rpm BLDC Motor](#)

You may like:



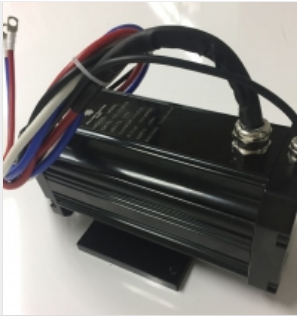
Hall Sensor BLDC Motor
370W 12V For EV
Application



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



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

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