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one-stop partner for motors & motor drives designing and manufacturing

M6 Brushless DC Motor



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Model Number:	BLDCM6
Туре:	Brushless DC Motor
Output Power:	0.9KW-2.5KW
DC Voltage:	24V,36V,48V,78V,120V,180V250

Speed Range: 2000-4500 RPM
Poles: 4P, 6P, 8P...

Detailed information

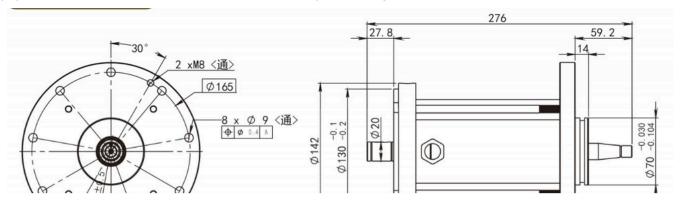
Quick Details

uick Details						
Brand Name:	Volcano Electric	Model Number:	BLDCM6	Туре:	Brushless DC Motor	
Output Power:	0.9KW-2.5KW	DC Voltage:	24V,36V,48V,78V,120V,180 V250V,300V	Speed Range:	2000-4500 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:	confirm to IEC international standard	
Application:	Boat, Car, Electric Bicycle, Fa	an, Home Appliance	, Traction Motor, Solar Pump	DC systems, bus A/	C systems ,Other	

Product Description

- 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

Configuration



*CAN MAKE ACCORDING TO YOUR REQUIRMENT

Motor type	Output KW	Voltage V	Current A	Speed RPM	Rated Torque N.m	Poles	Efficiency %	Noise dB
BLDC0.9-M6	0.9	24	44.6	2600	3.31	8	84	60
BLDC1.2-M6	1.2	36	39.7	2270	5.05	8	84	60
BLDC1.5-M6	1.5	24	73.5	2590	5.53	8	85	61
BLDC2.0-M6	2.0	24	98.6	3360	5.68	8	84.5	61.5
BLDC2.5-M6	2.5	24	123.0	3350	7.13	8	84.7	61.5

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 M7 Brushless DC Motor Next DC100 Brushed Motor

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