

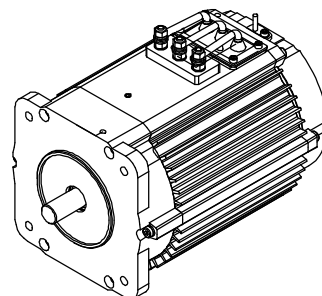
## The Technical Requirements

1. Observe from the spline end, when the alphabets in the motor wire terminal keep the same order as the ones in the power phase, the motor will rotate counterclockwise.
2. When the motor runs a circle, the speed sensor will output 64 pulse signals.
3. The model of the temperature sensor is KTY84-150.
4. AMP connector is adopted in the output terminal of the speed sensor and temperature sensor.
5. To fasten the upper nuts in the patching board, the lower nuts should be stuck. Torque from 10 to 12 Nm is recommended.

### Splined Shaft Parameters

Teeth	Z	22
The Modulus	m	1
Pressure Angle	$\alpha$	$20^\circ$
Tip diameter	da	$\phi 23.8^{+0.02}_0$
Pitch Circle Diameter	d	$\phi 22$
Modification Coefficient	X	0.8
Pin Diameter	dp	$\phi 2 \pm 0.002$
Cross-bar From	M	$26.39^{+0.071}_0$
Centering way	Centering tooth	
With the way	Sliding fit	

Motor Electric Data	
Rated Power	10 kW
Rated Voltage	65 V AC
Rated Frequency	152 Hz
Rated Rolling Speed	4500 RPM
Rated Current	115 A
Duty	S2-60 min
Environment Temperature	-20℃-40℃
Insulation Degree	H
Protection Class	IP54
Battery Voltage	96 V DC



						Green Motor Technology Co., Ltd		
						GEV1200MA Outline		
标记	处数	分区	更改文件号	签名	年、月、日	阶段标记	重量	比例
设计			标准化					
审核								1:1
工艺			批准			共	张	第 张