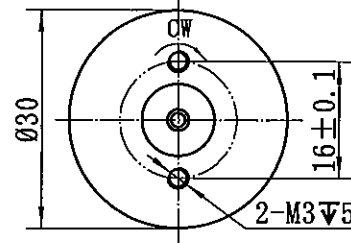
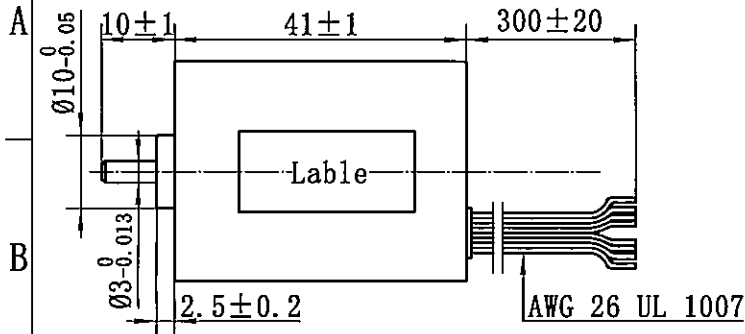


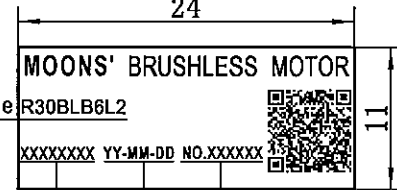
4611130001024



电气连接  
Electric Connection

编号 NO.	线色 COLOR	定义 FUNCTION
1	橙/orange	U
2	绿/green	V
3	棕/brown	W
4	黄/yellow	Hu
5	白/white	Hv
6	蓝/blue	Hw
7	红/red	VCC(+5V)
8	黑/black	GND

电机铭牌 Label Detail



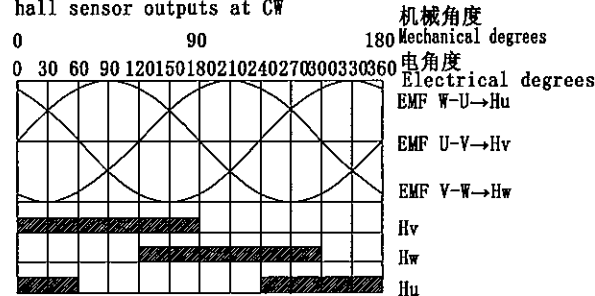
加工单号 Date 序号  
备注: 二维码内容包含机种名、生产日期和序列号。

保 密

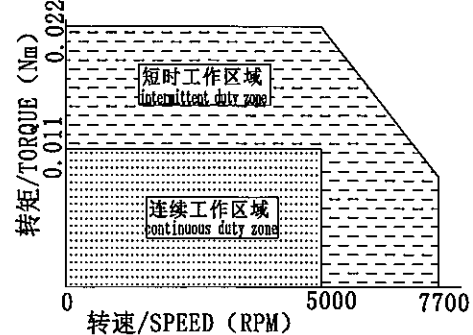
规格  
Specifications

1	额定电压/Rated power supply	24	VDC
2	额定输出功率/Rated output power	6	W
3	极数/poles number	4	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	5000	RPM
6	最大转速/Maximum speed	7700	RPM
7	额定转矩/Rated torque	0.011	Nm
8	额定电流/Rated winding current	0.5	A
9	线反电势系数/Voltage constant±10%	1.56	Vrms/krpm
10	惯量/Moment of inertia	2.0413×10 <sup>-4</sup>	kg·m <sup>2</sup>
11	线电阻Ph/ph resistance±10% at 20℃	11.2	Ω
12	线电感Ph/ph inductance±30% at 1KHz 20℃	8.7	mH
13	电机质量/Motor mass	0.12	kg
14	绝缘等级/Insulation class	B	130℃
15	防护等级/Protective enclosure rating	IP40	

线反电势与霍尔相位关系图 (顺时针)  
Relation between phase EMF's and hall sensor outputs at CW



转矩-转速特性  
Torque-speed specifications



Unit: mm  
第一角画法  
FIRST ANGLE METHOD  
未注线性与角度尺寸公差  
Tolerances for linear and angular dimensions without individual tolerance indications  
GB/T 1804-m eqv ISO 2768-1:m  
未注形状与位置尺寸公差  
Geometrical tolerance for features without individual tolerance indications  
GB/T 1184-K eqv ISO 2768-2:K

批准 Approve	柯金林	10.31
标准化 Standard	柯金林	10.31
工艺 Technology	曹名	29/10-19
审核 Check	朱红彬	10.28
设计 Design	李泽炜	2019-10-14

**MOONS'** BRUSHLESS DC MOTOR  
Shanghai Moons' Electric Co., Ltd.

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B	铭牌变更:线反电势系数 2.2Vrms/krpm; ▲	2019-10-14
A	原始版本 Original revision	2018-05-22
REV.	版本记录 REVISION RECORD	DATE