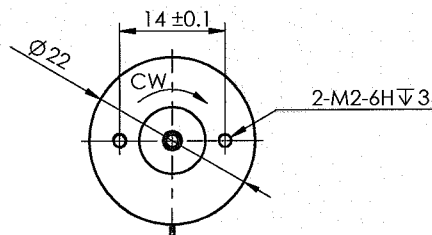
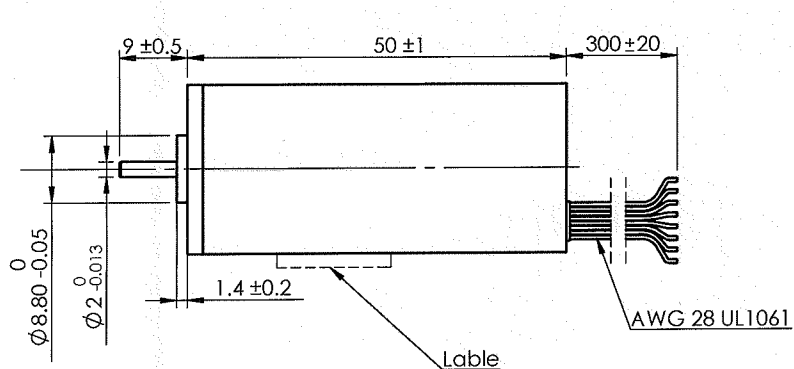


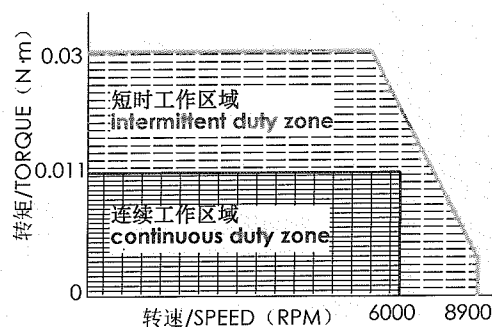
4611130001023



## 规格 Specifications

1 额定电压/Rated power supply	24	VDC
2 额定输出功率/Rated output power	7	W
3 极数/Poles number	4	
4 相数/Phase number	3	
5 额定转速/Rated rotational speed	6000	RPM
6 最大转速/Maximum speed	8900	RPM
7 额定转矩/Rated torque	0.011	N·m
8 额定电流/Rated winding current	0.54	A
9 线反电势常数	3.5	V/krpm
10 惯量/Moment of inertia	$1.02 \times 10^{-5}$	kg·m <sup>2</sup>
11 线电阻Ph/Ph resistance±10% at 20℃	13.9	Ω
12 线电感Ph/Ph inductance±30% at 1KHz 20℃	3.79	mH
13 电机质量/Motor Mass	0.07	KG
14 绝缘等级/Insulation class	B	130℃
15 防护等级/Protective enclosure rating	IP40	

转矩-转速特性  
Torque-speed specifications



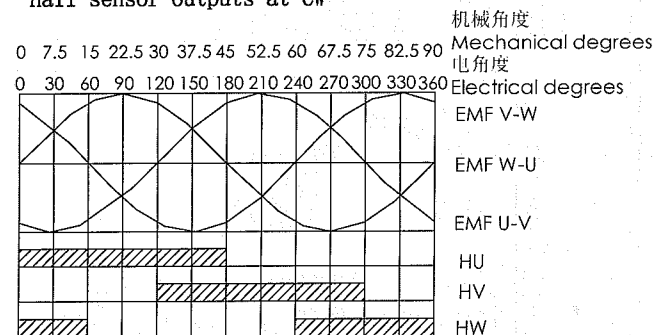
电气连接  
Electric Connection

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

Label

MOONS' BRUSHLESS DC MOTOR MODEL R22BLB7L2		
24VDC 0.54A 7W 0.011Nm 6000rpm	Ins. Class B IP40 YY-MM-DD No. XXXXXX	
MADE IN CHINA		

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



G		
F		
E		
D		
C		
B		
A	原始版本 Original revision	2018-5-25
REV.	版本记录 REVISION RECORD	DATE

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		
标准化 Standard		
工艺 Technology		
审核 Check		
设计 Design		
NAMES	SIGNATURE	DATE

<b>MOONS'</b>		<b>BRUSHLESS DC MOTOR</b>	
<b>Shanghai Moons' Electric Co., Ltd.</b>			
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Type:	R22BLB7L2	Rev.A	SCALE: 2 Sheet 1 of 1