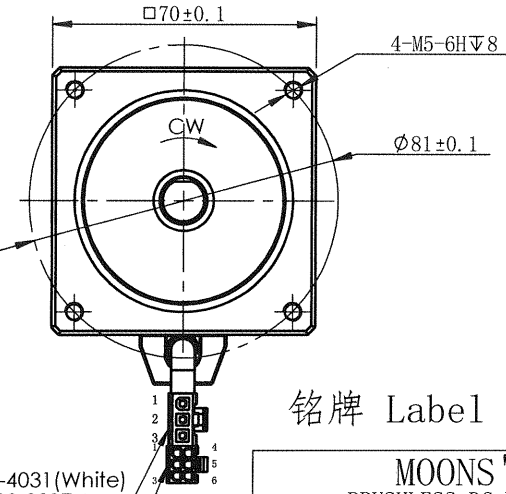
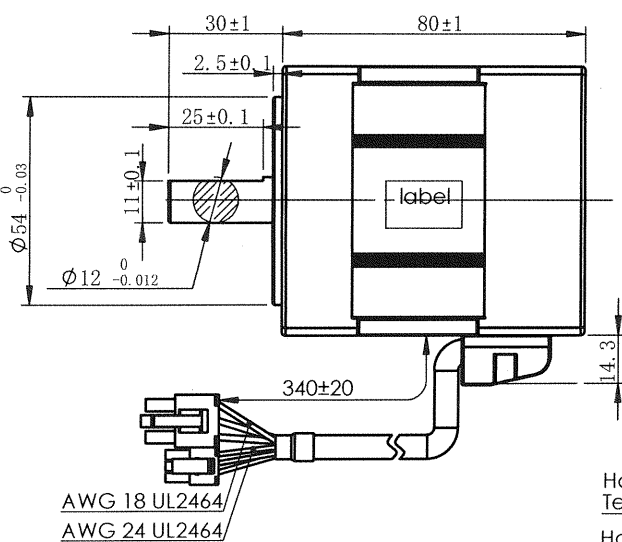


4611130001056



MOLEX 39-01-4031

编号 No.	线色 COLOR	定义 FUNCTION
1	蓝/blue	W
2	橙/orange	U
3	黄/yellow	V

MOLEX 43025-0600

编号 No.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	黄/yellow	Hv
4	蓝/blue	Hw
5	黑/black	GND
6	橙/orange	Hu

规格
Specifications

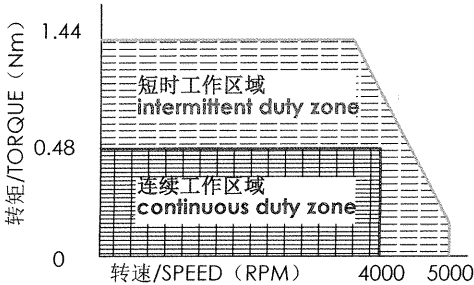
1	额定电压/Rated power supply	165	VDC
2	额定输出功率/Rated output power	200	W
3	极数/Poles number	4	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	4000	RPM
6	最大转速/Maximum speed	5000	RPM
7	额定转矩/Rated torque	0.48	Nm
8	额定电流/Rated winding current	2.8	A
9	线反电势系数/Voltage constant±10%	15.3	Vrms/krpm
10	惯量/Moment of inertia	4.1094x10 ⁻⁵	kgm ²
11	线电阻Ph/ph resistance±10% at 20℃	1.5	Ω
12	线电感Ph/ph inductance±30% at 1KHz 20℃	8.0	mH
13	电机质量/Motor mass	1.6	kg
14	绝缘等级/Insulation class	B	130℃
15	防护等级/Protective enclosure rating	IP40	

Housing:MOLEX 39-01-4031 (White)
Terminal: MOLEX 39-00-0207
Housing:MOLEX 43025-0600(Black)
Terminal: MOLEX 43030-0005

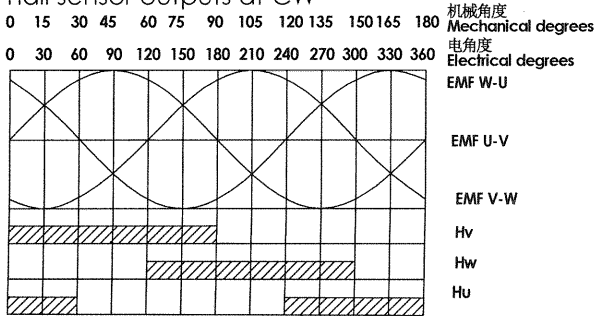
铭牌 Label Detail

MOONS'
BRUSHLESS DC MOTOR
MODEL 70BLB200H1
165VDC Ins. Class B
2.76A IP40
200W YY-MM-DD
0.48Nm NO. XXXXXX
4000rpm
MADE IN CHINA

转矩-转速特性
Torque-speed specifications



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	2018-05-25
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	DATE

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

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Type: 70BLB200H1 Rev.A SCALE 1:2 Sheet 1 of 1