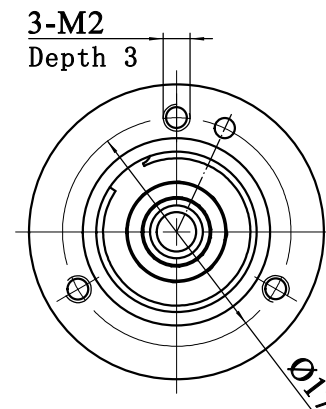
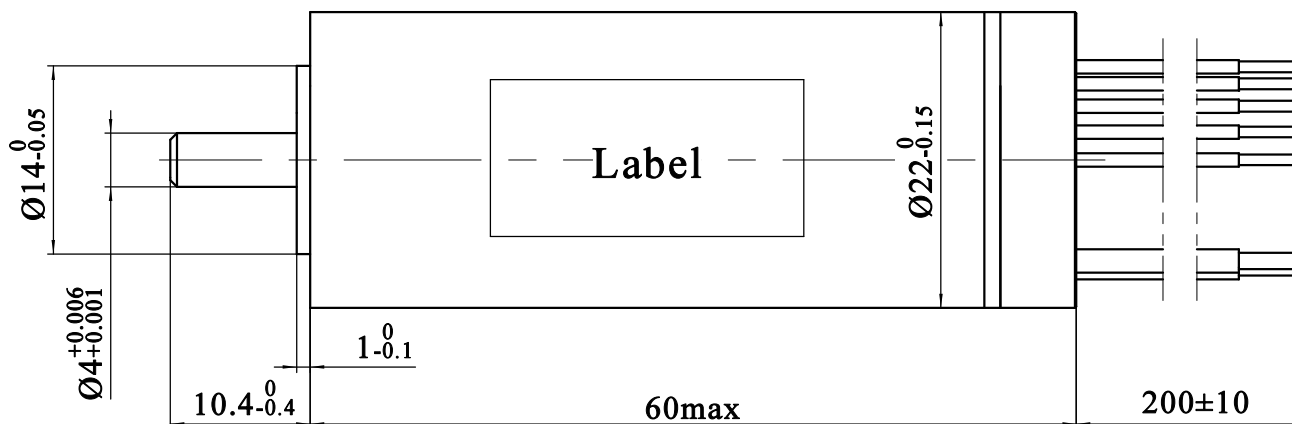
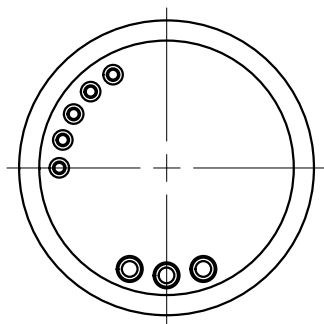


4611180000124

(带霍尔传感器)
(With hall sensors)

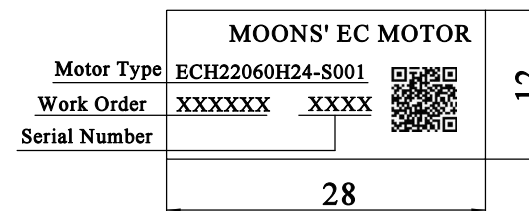


规格/Specifications	Values	Tolerance	Unit
额定电压/Nominal voltage	24	Typical	V
空载转速/No load speed	37000	±10%	RPM
空载电流/No load current	650	±50%	mA
名义转速/Nominal speed	36855	Typical	rpm
最大连续转矩/Max. continuous torque	29.76	Typical	mNm
最大连续电流/Max. continuous current	6.20	Typical	A
额定转速/Rated speed	27520	±10%	RPM
额定转矩/Rated torque	26.0	Typical	mNm
额定电流/Rated current	3.84	±10%	A
堵转转矩/Stall torque	795.37	Typical	mNm
堵转电流/Stall current	128.34	Typical	A
最大效率/Maximun efficiency	90	Typical	%
电机极数/Number of poles	2		
相数/ Number of phases	3		
相间电阻/Terminal resistance phase to phase	0.187	±8%	Ω
相间电感/Terminal inductance phase to phase	23.6	Typical	μH
转矩常数/Torque constant	6.20	Typical	mNm/A
转速常数/Speed constant	1541.67	±10%	RPM/V
机械时间常数/Mechanical time constant	1.57	Typical	ms
转子惯量/Rotor inertia	3.23	Typical	gcm ²
机壳热阻/Thermal resistance housing-ambient	12.7	Typical	K/W
电机质量/Weight of motor	135	±5%	g
使用温度范围/Ambient Temperature	-40~+100		℃

Connection (Cable AWG 18/26)

Cable No.	信号/Signal	颜色/Color
1	电机绕组1/Motor winding 1	红/red
2	电机绕组2/Motor winding 2	黑/black
3	电机绕组3/Motor winding 3	白/white
4	V _{Hall} 3...32VDC	橙/orange
5	GND	蓝/blue
6	霍尔传感器1/Hall IC 1	黄/yellow
7	霍尔传感器2/Hall IC 2	棕/brown
8	霍尔传感器3/Hall IC 3	灰/grey

铭牌/Label Detail



备注:

- 1、二维码内包括电机型号、加工单号和系列号。
- 2、铭牌位置纵向贴在电机中间。

G		
F		
E		
D		
C		
B		
A	原始版本 Original revision	2019.09.09
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	李志辉	2019.09.09
UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE

MOONS' Slotless Brushless DC Motor

Shanghai Moons' Electric Co., Ltd.

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