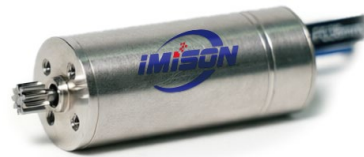
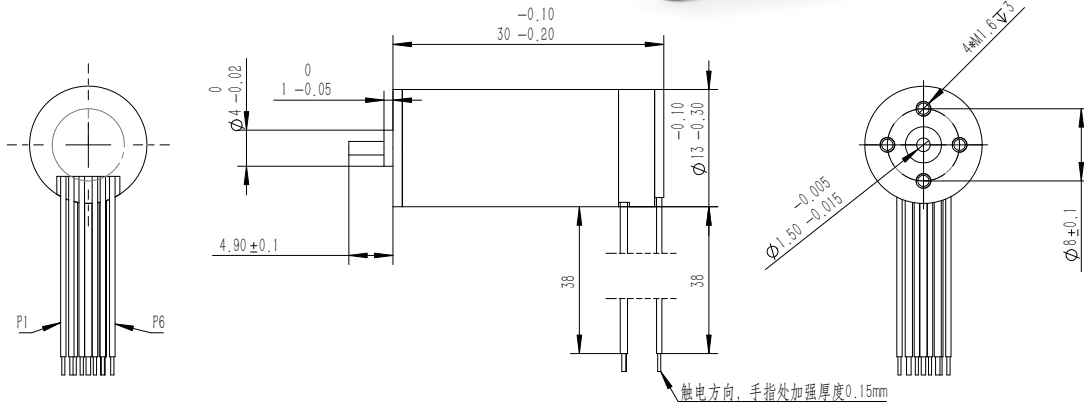


空心杯电枢绕组-无刷

Φ13*L25mm 无刷电机Brushless DC motor



EC MOTOR



电机型号Motor Model

EC1325

电机参数 Motor Data

1 额定电压 Nominal voltage	V/DC	24
2 额定转速 Nominal speed	rpm	25000
3 额定电流 Nominal current	A	1.7
4 额定转矩 Nominal torque	mNm	10
5 空载转速 No-load speed	rpm	34000
6 空载电流 No-load current	mA	200
7 最大效率 Max. efficiency	%	71
8 最大连续转矩 Max continuous torque	mNm	12
9 堵转电流 Stall current	A	39
10 堵转转矩 Stall torque	mNm	6.23

电机常数 Motor Constants

11 电机阻抗 Terminal resistance	Ω	3.9
12 电机感抗 Terminal inductance	mH	0.12
13 转矩常数 Torque constant	mNm/A	6.4
14 转速常数 Speed constant	rpm/V	1494
15 转数/转矩常数 Speed/torque constant	rpm/mNm	5000.1
16 机械时间常数 Mechanical time constant	ms	4.1
17 转子惯量 Rotor inertia	gcm ²	0.2

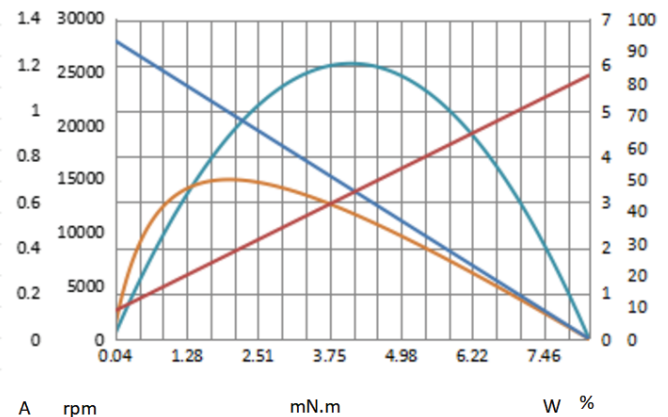
其它 Others

18 极对数	Number of pole pairs		2
19 相数	Number of phase		3
20 重量	Weight of motor	g	15
21 噪音	Typical noise level	dB	<4

电机端子定义Motor terminal definition

黄	M1	U
白	M2	V
蓝	M3	W
	P1	MISO
	P2	MOSI
	P3	SCK
	P4	CSN
	P5	GND
	P6	VCC

电机特性曲线 (Motor Characteristics Curve)



端子型号Terminal model:PH2.0-8Pin

4.9