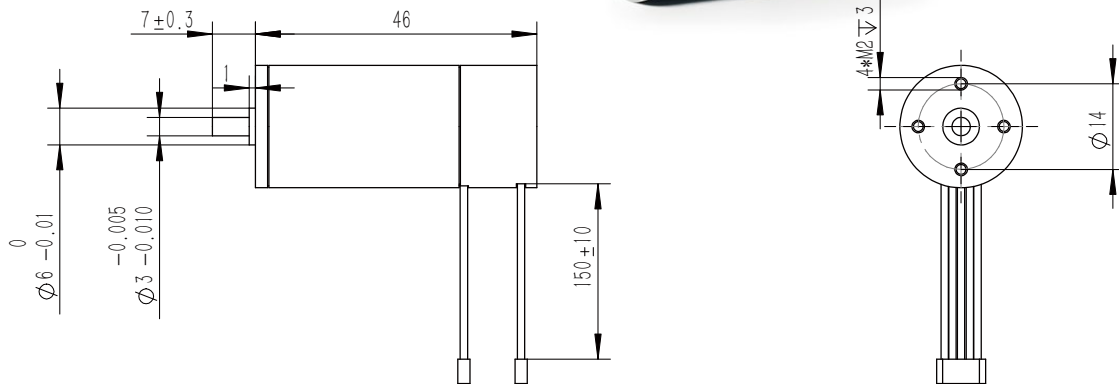


空心杯电枢绕组-无刷

Φ20*L36mm 无刷电机Brushless DC motor



EC-4P MOTOR



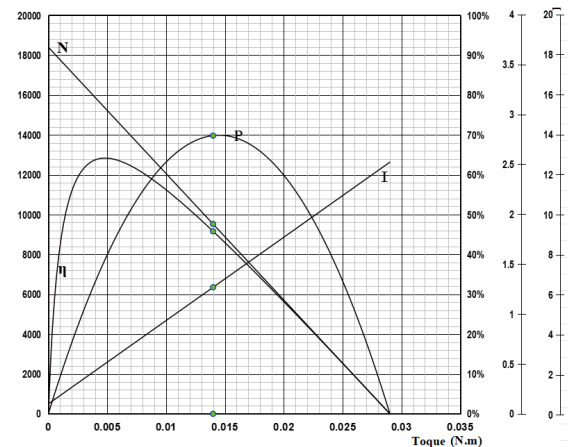
电机型号Motor Model

电机参数 Motor Data			EC2036
1 额定电压 Nominal voltage	V/DC		24
2 额定转速 Nominal speed	rpm		9300
3 额定电流 Nominal current	A		1.27
4 额定转矩 Nominal torque	mNm		14
5 空载转速 No-load speed	rpm		18400
6 空载电流 No-load current	mA		85
7 最大效率 Max. efficiency	%		67
8 最大连续转矩 Max continuous torque	mNm		16
9 堵转电流 Stall current	A		2.47
10 堵转转矩 Stall torque	mNm		29

电机常数 Motor Constants		
11 电机阻抗 Terminal resistance	Ω	9.5
12 电机感抗 Terminal inductance	mH	0.63
13 转矩常数 Torque constant	mNm/A	12
14 转速常数 Speed constant	rpm/V	793
15 转数/转矩常数 Speed/torque constant	rpm/mNm	1515.2
16 机械时间常数 Mechanical time constant	ms	17.6
17 转子惯量 Rotor inertia	gcm ²	2

其它 Others			电机特性曲线 (Motor Characteristics Curve)
18 极对数 Number of pole pairs		2	
19 相数 Number of phase		3	
20 重量 Weight of motor	g	56	
21 噪音 Typical noise level	dB	≤42	

电机端子定义Motor terminal definition		
黄 Yellow	M1	U
白 White	M2	V
蓝 Blue	M3	W
红 Red	P1	VCC
黑 Black	P2	GND
黄 Yellow	P3	MOSI
白 White	P4	MISO
蓝 Blue	P5	SCK
黄 Yellow	P6	CS



端子型号Terminal model: PH2.0-8Pin 4.9