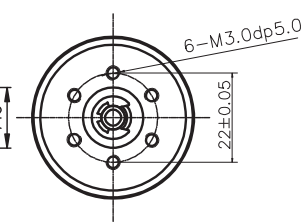
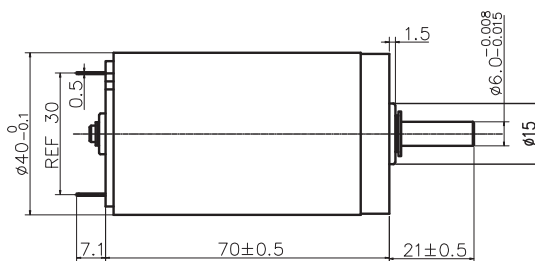
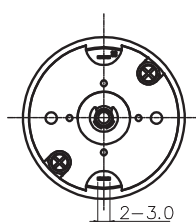


4070R 空心杯有刷电机

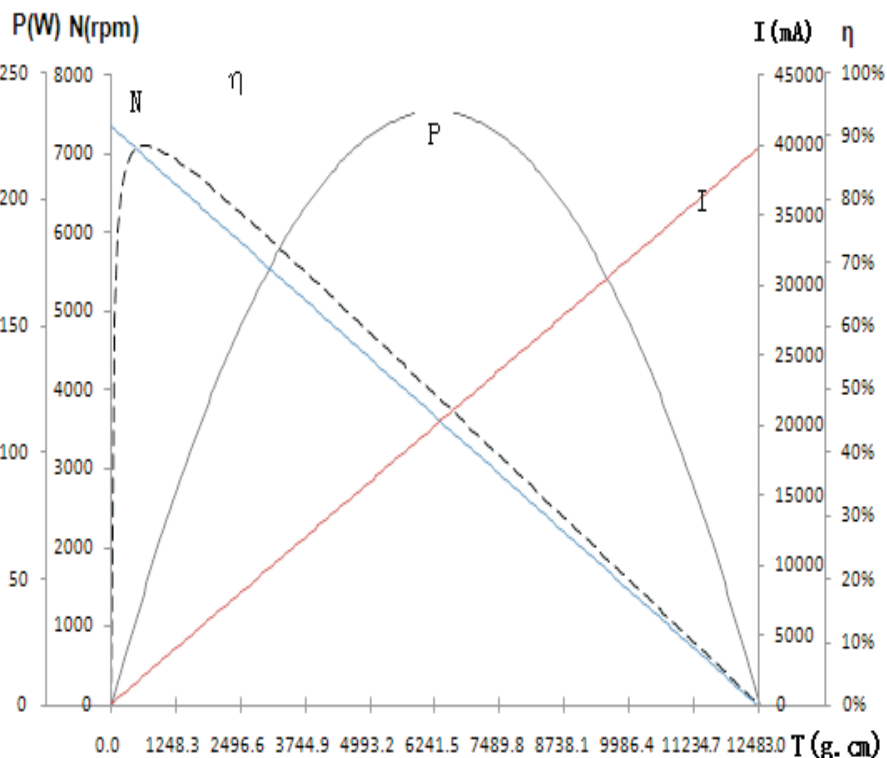


典型应用 Typical Applications: 舵机、智能小机器人

电机参数 (Motor data)		01A	02A	03A		
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	v	24	48	48		
2 空载转速 (No load speed)	rpm	7340	9200	7720		
3 空载电流 (No load current)	mA	120	75	85		
4 额定转速 (Nominal speed)	rpm	6752	8600	7210		
5 额定转矩 (最大连续转矩) (Nominal torque)	mNm	100	90	100		
6 额定电流 (最大连续电流) (Nominal current)	A	3.31	1.90	1.81		
7 堵转转矩 (Stall torque)	mNm	1224	1379	1552		
8 堵转电流 (Stall current)	A	40.00	28.24	26.64		
9 最大效率 (Max efficiency)	%	89	90	89		
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	Ω	0.6	1.7	1.8		
11 转矩常数 (Torque constant)	mNm/A	30.61	48.85	58.21		
12 速度常数 (Speed constant)	rpm / V	61	123	91		

其它特性参数 Other characteristic parameters 01A电机曲线图

- 13 环境温度范围 (Ambient temperature) -10 - 40°C
- 14 绕组最高允许温度 (Max permissible winding temperature) 80°C
- 15 最高允许转速 (Max permissible speed) 10000rpm
- 16 电极磁极对数 (Number of the pole pairs) 1
- 17 换向器片数 (Number of the commutator segments) 5
- 18 电机质量 (Weight) 350g



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