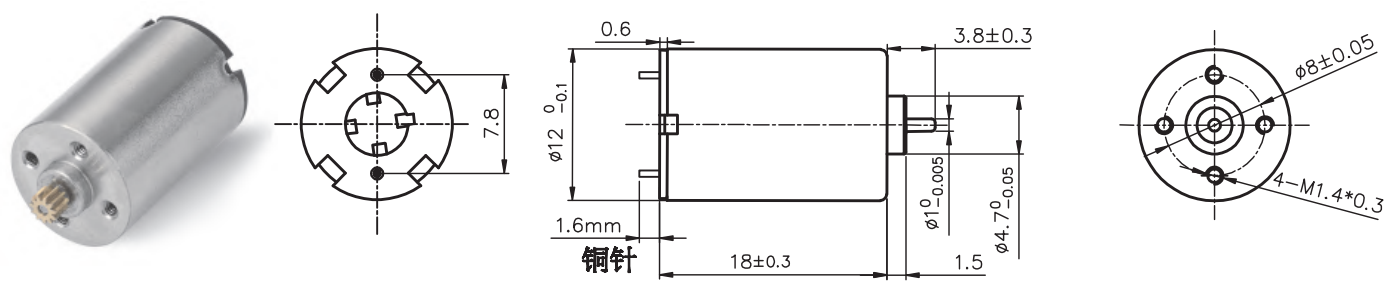


# 1218R 空心杯有刷电机

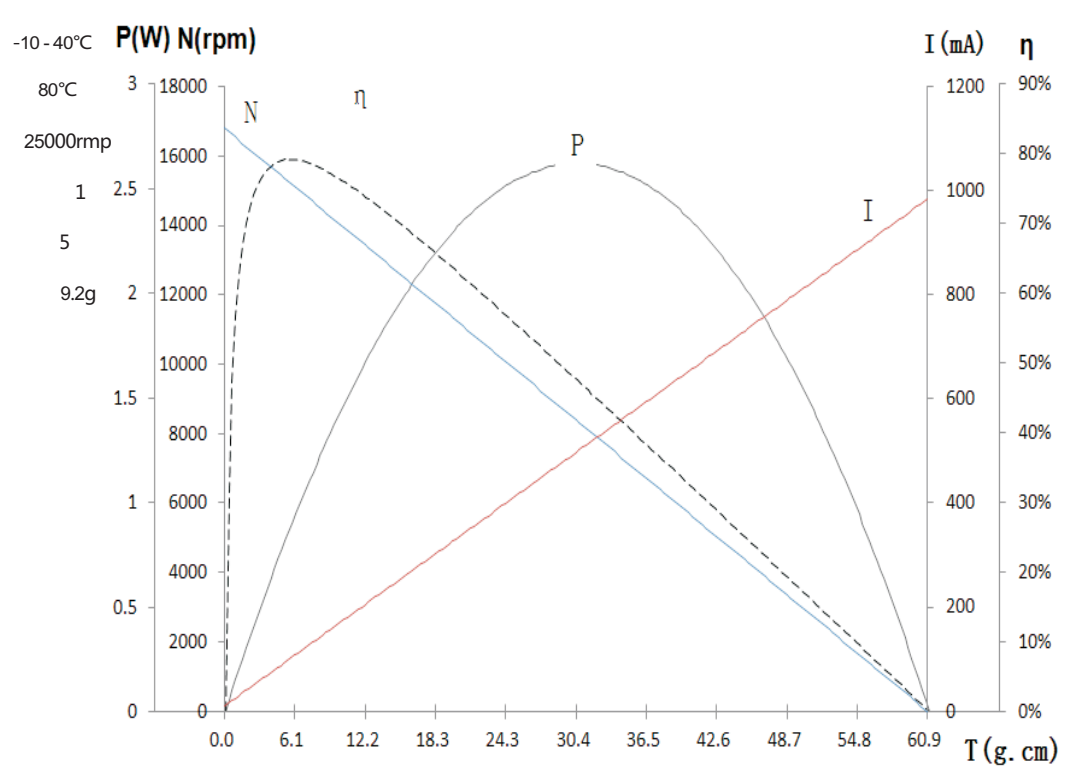


典型应用 Typical Applications: 舵机、智能小机器人

电机参数 ( Motor data )		02A	01A	03A		
额定电压下数值 (Values at nominal voltage)						
1	额定电压 (Nominal voltage)	v	11.1	11.1	11.1	
2	空载转速 (No load speed)	rpm	16800	18500	21950	
3	空载电流 (No load current)	mA	10	14.5	19	
4	额定转速 (Nominal speed)	rpm	14868	15725	19425	
5	额定转矩 (最大连续转矩) (Nominal torque)	mNm	0.70	1.00	1.00	
6	额定电流 (最大连续电流) (Nominal current)	A	0.12	0.19	0.23	
7	堵转转矩 (Stall torque)	mNm	6.13	6.71	8.80	
8	堵转电流 (Stall current)	A	0.99	1.20	1.86	
9	最大效率 (Max efficiency)	%	82	81	82	
电机常数 (Motor constant)						
10	相间电阻 (Terminal resistance)	Ω	11.20	9.28	5.97	
11	转矩常数 (Torque constant)	mNm/A	6.20	5.62	4.73	
12	速度常数 (Speed constant)	rpm / V	1513	1667	1977	

其它特性参数 Other characteristic parameters 02A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) 25000rpm
- 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) 9.2g



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