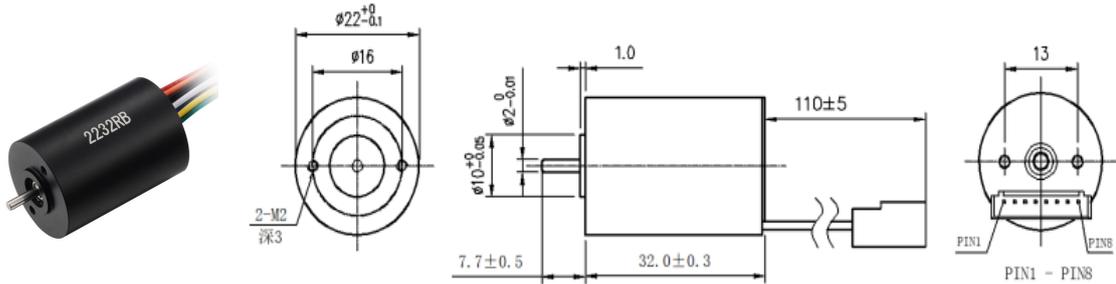


2232RB Coreless BLDC Motor

电机主轴: $\phi 3$

典型应用 Typical Applications: 舵机、智能小机器人

电机参数 (Motor data)		05A	02A	04A	01A		
额定电压下数值 (Values at nominal voltage)							
1 额定电压 (Nominal voltage)	V	8.4	12	24	24		
2 空载转速 (No load speed)	rpm	20100	20900	14300	17470		
3 空载电流 (No load current)	mA	300	180	100	100		
4 额定转速 (Nominal speed)	rpm	16900	17140	11000	13500		
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	4	5	6	6		
6 额定电流(最大连续电流) (Nominal current)	A	1.26	1	0.39	0.54		
7 堵转转矩 (Stall torque)	mNm	24.79	27.61	21.29	26.28		
8 堵转电流 (Stall current)	A	6.51	5.22	1.43	2.1		
9 最大效率 (Max efficiency)	%	67	71	62	67		
电机常数 (Motor constant)							
10 相间电阻 (Terminal resistance)	Ω	1.29	2.3	16.8	11.41		
11 转矩常数 (Torque constant)	mNm/A	3.91	5.37	15.71	12.86		
12 速度常数 (Speed constant)	rpm/V	2393	1742	596	728		

其他特性参数 Other characteristic parameters

13 环境温度范围 (Ambient temperature)	-10~40 $^{\circ}$ C
14 绕组最高允许温度 (Max permissible winding temperature)	120 $^{\circ}$ 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 相数 (Number of Phases)	3
18 电机质量 (Weight)	48.3g

端子定义 (terminals):

- 1-MB
- 2-MC
- 3-MA
- 4-HC
- 5-HB
- 6-H
- 7-VC
- 8-GND

01A电机曲线图 motor curve

