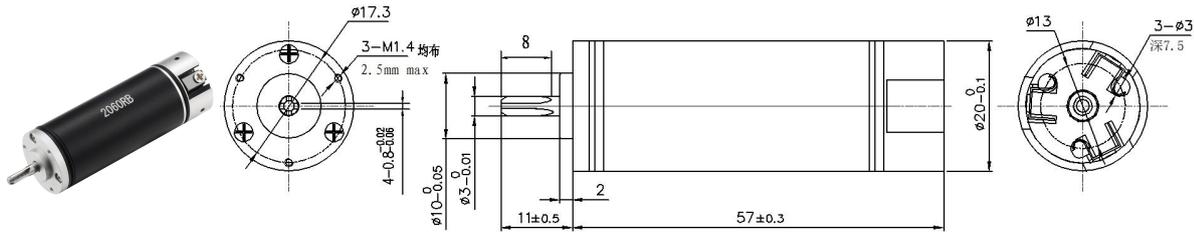


# 2060RB Coreless BLDC Motor

Coreless BLDC Motors



典型应用 Typical Applications: 舵机、智能小机器人

电机参数 (Motor data)		19A	12C	32C		
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	V	12	36	36		
2 空载转速 (No load speed)	rpm	28000	47670	46870		
3 空载电流 (No load current)	mA	240	90	75		
4 额定转速 (Nominal speed)	rpm	26740	44560	43810		
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	6.1	6.7	5.46		
6 额定电流(最大连续电流) (Nominal current)	A	1.67	1.01	0.82		
7 堵转转矩 (Stall torque)	mNm	135.44	102.37	83.54		
8 堵转电流 (Stall current)	A	33.33	14.29	11.47		
9 最大效率 (Max efficiency)	%	86	85	85		
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	$\Omega$	0.36	2.52	3.14		
11 转矩常数 (Torque constant)	mNm/A	4.01	7.07	7.19		
12 速度常数 (Speed constant)	rpm/V	2333	1324	1302		

## 其他特性参数 Other characteristic parameters

## 12C电机曲线图 motor curve

- 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) 120°C
- 15 最高允许转速 (Max permissible speed) 50000rpm
- 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) 69.6g

