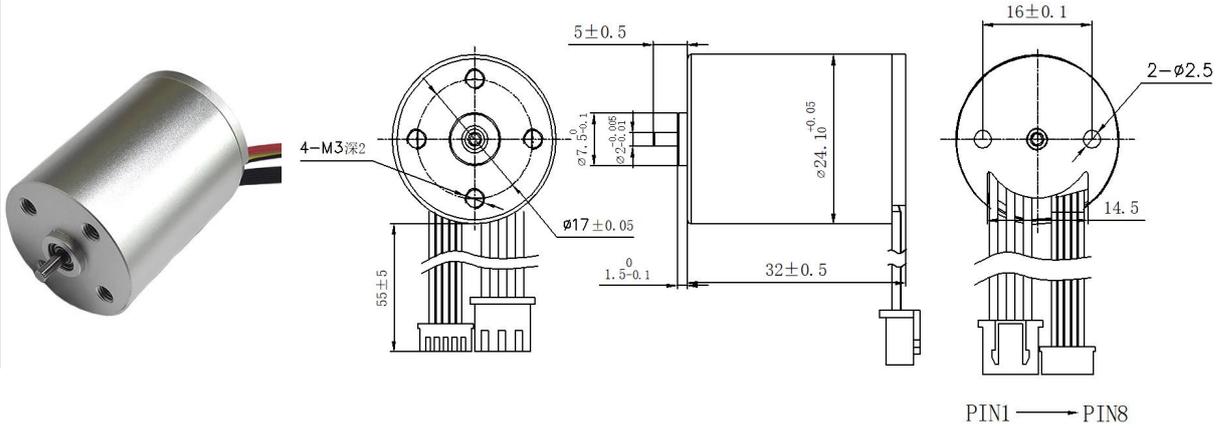


2432RB Coreless BLDC Motor



典型应用 Typical Applications: 舵机、智能小机器人

电机参数 (Motor data)		06B	03B			
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	V	12	24			
2 空载转速 (No load speed)	rpm	16300	16500			
3 空载电流 (No load current)	mA	320	200			
4 额定转速 (Nominal speed)	rpm	14130	14050			
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	12.7	14.2			
6 额定电流(最大连续电流) (Nominal current)	A	2.1	1.2			
7 堵转转矩 (Stall torque)	mNm	95.9	95.3			
8 堵转电流 (Stall current)	A	14.0	7.06			
9 最大效率 (Max efficiency)	%	76	73			
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	Ω	0.86	3.4			
11 转矩常数 (Torque constant)	mNm/A	6.89	13.61			
12 速度常数 (Speed constant)	rpm/V	1358	688			

其他特性参数 Other characteristic parameters

13 环境温度范围 (Ambient temperature)	-10~40℃
14 绕组最高允许温度 (Max permissible winding temperature)	120℃
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)	62.5g

端子定义 (terminals):

- PIN 1 C
- PIN 2 B
- PIN 3 A
- PIN 4 GND
- PIN 5 VCC
- PIN 6 HB
- PIN 7 HA
- PIN 8 HC

03B电机曲线图 motor curve

