

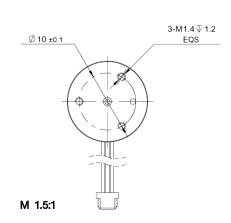
## BO1410NB2B | 外转子无传感器 Outer Rotor, Sensorless

应用领域:无人机云台、手持云台。

Applications: UAV gimbals and handheld gimbals.

			02-81-6.0		
电压	Voltage	V	6.0		
2 端电阻	Terminal resistance	Ω	13.4		
电感	Terminal inductance	mH	0.74		
· 空载转速	No-load speed	rpm	8100		
5 空载电流	No-load current	Α	0.04		
3 堵转转矩	Stall torque	mNm	2.6		
' 堵转电流	Stall current	Α	0.45		
3 额定转矩	Nominal torque	mNm	1.7		
<b>额定转速</b>	Nominal speed	rpm			
0 额定电流	Nominal current	Α	0.32		
1 最大输出功率	Max. output power	W	0.6		
2 最大效率	Max. efficiency	%	52		
3 反电势常数	Back-EMF constant	mV/rpm	0.7		
4 转矩常数	Torque constant	mNm/A	6.5		
5 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	3010		
6 转子惯量	Rotor inertia	gcm <sup>2</sup>	1.0		
7 重量	Weight	g	5.1		
8 热阻 (机壳 - 环境)	Thermal resistance housing-ambient	K/W	16		
9 热阻 (线圈 - 机壳)	Thermal resistance winding-housing	K/W	15.3		
0 热时常数(电机)	Thermal time constant motor	s	105		
1 热时常数 (线圈)	Thermal time constant winding	S	28		
2 工作温度范围	Operating temperature range	°C	-40~+120		
3 绕组耐温等级	Thermal class of winding	°C	155		
4 轴向间隙	Axial play	mm	0.012		
5 径向间隙	Radial play	mm	0.008		
6 动态轴向载荷	Axial load dynamic	N	1		
7 静态轴向载荷	Axial load static	N	25		
8 径向载荷(距安装面 3mm)	Radial load at 3 mm from mounting face	N	6.3		
9 极对数	No. of pole pairs		4		
0 轴承	Bearings		2 枚滚动轴承/2 ball bear	ings	
1 换向结构	Commutation		无传感器 /Sensorless		
2 防护等级	Protection class		IP 30		

## 外观图 | Outline Drawing



编码器 Encoder 驱动器 Driver

