

## BS3246NBH2B | 内转子有槽带传感器 Inner Rotor, Slotted, Sensored

应用领域：医疗器械、工业设备等精密驱动领域。

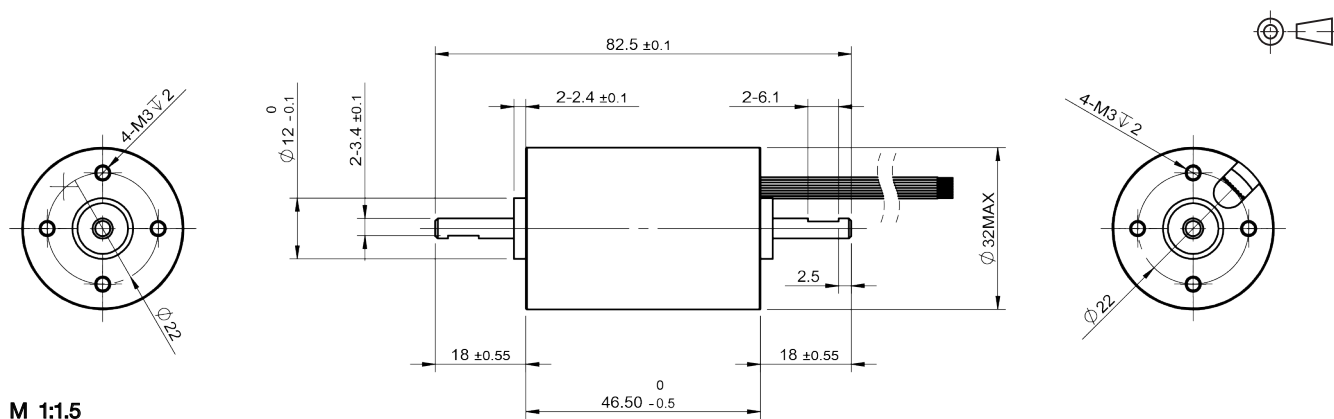
Applications: precision drives in medical equipment, industrial automation fields.

### 主要技术指标 | Characteristics

			01-51-12.0	
1	电压	Voltage	V	12.0
2	端电阻	Terminal resistance	$\Omega$	2.4
3	空载转速	No-load speed	rpm	5100
4	空载电流	No-load current	A	0.2
5	堵转转矩	Stall torque	mNm	103
6	堵转电流	Stall current	A	5.0
7	额定转矩	Nominal torque	mNm	24.0
8	额定转速	Nominal speed	rpm	3000
9	额定电流	Nominal current	A	1.3
10	最大输出功率	Max. output power	W	12
11	最大效率	Max. efficiency	%	60
12	反电势常数	Back-EMF constant	mV/rpm	2.2
13	转矩常数	Torque constant	mNm/A	21.5
14	KV 值	KV Value	rpm/V	420
15	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	48
16	转子惯量	Rotor inertia	gcm <sup>2</sup>	26
17	重量	Weight	g	130
18	热阻 (机壳 - 环境)	Thermal resistance housing-ambient	K/W	16
19	热阻 (线圈 - 机壳)	Thermal resistance winding-housing	K/W	3.5
20	热时常数 (电机)	Thermal time constant motor	s	620
21	热时常数 (线圈)	Thermal time constant winding	s	4
22	工作温度范围	Operating temperature range	°C	-40~+120
23	绕组耐温等级	Thermal class of winding	°C	155
24	轴向间隙	Axial play	mm	0.012
25	径向间隙	Radial play	mm	0.008
26	动态轴向载荷	Axial load dynamic	N	5
27	静态轴向载荷	Axial load static	N	80
28	径向载荷 (距安装面 3mm)	Radial load at 3 mm from mounting face	N	29
29	极对数	No. of pole pairs		2
30	轴承	Bearings	2 枚滚动轴承/2 ball bearings	
31	换向结构	Commutation	霍尔传感器/Hall Sensor	
32	防护等级	Protection class	IP 30	

★可选参数 Options: 导线长度 Lead wires length 轴长 Shaft length 性能 Special coils 齿轮箱 Gearheads 轴承类型 Bearing type 霍尔传感器 Hall sensor  
编码器 Encoder 驱动器 Driver

### 外观图 | Outline Drawing



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