

B7584FBHIE2B | 内转子无槽带内置驱动器 Inner Rotor With Integrated Driver, Slotless

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.

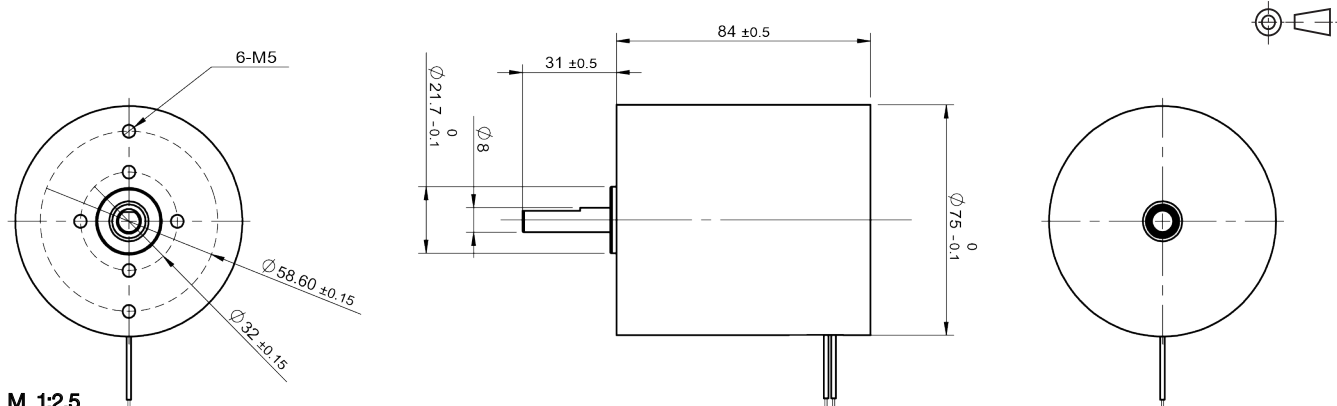
主要技术指标 | Characteristics

63-24.0-0001					
1	电压	Voltage	V	24	
2	使用电压范围	Operating Voltage	V	12~26	
3	端电阻	Terminal resistance	Ω	N/A	
4	空载转速	No-load speed	rpm	6300	
5	空载电流	No-load current	A	0.3	
6	堵转转矩	Stall torque	mNm	290.4	
7	堵转电流	Stall current	A	8.6	
8	额定转矩	Nominal torque	mNm	106	
9	额定转速	Nominal speed	rpm	4000	
10	额定电流	Nominal current	A	3.2	
11	最大输出功率	Max. output power	W	49	
12	最大效率	Max. efficiency	%	69	
13	反电势常数	Back-EMF constant	mV/rpm	3.7	
14	转矩常数	Torque constant	mNm/A	35	
15	KV 值	KV Value	rpm/V	263	
16	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	22	
17	转子惯量	Rotor inertia	gcm ²	28	
18	重量	Weight	g	1160	
19	热阻 (机壳 - 环境)	Thermal resistance housing-ambient	K/W	2	
20	热阻 (线圈 - 机壳)	Thermal resistance winding-housing	K/W	3	
21	热时常数 (电机)	Thermal time constant motor	s	112	
22	热时常数 (线圈)	Thermal time constant winding	s	8.9	
23	工作温度范围	Operating temperature range	°C	-40~+100	
24	绕组耐温等级	Thermal class of winding	°C	130	
25	轴向间隙	Axial play	mm	4	
26	径向间隙	Radial play	mm	0.3	
27	动态轴向载荷	Axial load dynamic	N	10	
28	静态轴向载荷	Axial load static	N	300	
29	径向载荷 (距安装面 3mm)	Radial load at 3 mm from mounting face	N	215	
30	极对数	No. of pole pairs		2	
31	轴承	Bearings		2 枚滚动轴承/2 ball bearings	
32	换向结构	Commutation		霍尔传感器/Hall Sensor	
33	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

外观图 | Outline Drawing



规格如有变更，恕不另行通知
Specification subject to change without notice