

2135ZWWND

Interior Rotor With Integrated Driver

Applications: Precision driving field in medical equipment, industrial automation, etc.

Characteristics

			-1-12.0	
1	Voltage	V	12	
2	Operating Voltage	V	8~15	
3	Terminal resistance	Ω	14	
4	No-load speed	rpm	6500	
5	No-load current	A	0.1	
6	Nominal torque	mNm	8.6	
7	Nominal speed	rpm	1800	
8	Nominal current	A	0.65	
9	Max. output power	W	2.00	
10	Max. efficiency	%	43	
11	Back-EMF constant	mV/rpm	1.63	
12	Torque constant	mNm/A	15.6	
13	KV Value	rpm/V	540	
14	Speed/torque gradient	rpm/mNm	550	
15	Rotor inertia	gcm ²	2.1	
16	Weight	g	50	
17	Thermal resistance housing-ambient	K/W	1.8	
18	Thermal resistance winding-housing	K/W	16	
19	Thermal time constant motor	s	600	
20	Thermal time constant winding	s	3	
21	Operating temperature range	°C	-40~+100	
22	Max. winding temperature	°C	155	
23	Axial play	mm	0.012	
24	Radial play	mm	0.008	
25	Axial load dynamic	N	1.5	
26	Axial load static	N	37	
27	Radial load at 3 mm from mounting face	N	12	
28	No. of pole pairs		1	
29	Bearings		2 ball bearings	
30	Commutation		Sensorless	
31	Protection class		IP 30	

Options

- Lead wires length
- Shaft length
- Special coils
- Gearheads
- Bearing type

Outline Drawing

