

## 2826ZWW

### Outer Rotor Without Sensor

Applications: UAV, Aeromodelling, etc.

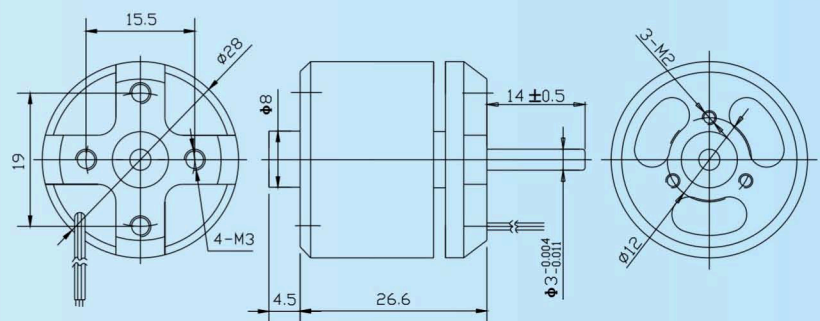
#### Characteristics

			-6Z-14.8
1	Voltage	V	14.8
2	Terminal resistance	$\Omega$	0.14
3	No-load speed	rpm	13500
4	No-load current	A	0.55
5	Nominal torque	mNm	120
6	Nominal speed	rpm	12000
7	Nominal current	A	12
8	Max. output power	W	387
9	Max. efficiency	%	86
10	Back-EMF constant	mV/rpm	1.1
11	Torque constant	mNm/A	10.4
12	KV Value	rpm/V	910
13	Speed/torque gradient	rpm/mNm	12.3
14	Rotor inertia	gcm <sup>2</sup>	31
15	Weight	g	53
16	Thermal resistance housing-ambient	K/W	3
17	Thermal resistance winding-housing	K/W	3.5
18	Thermal time constant motor	s	300
19	Thermal time constant winding	s	43
20	Operating temperature range	°C	-40~+100
21	Max. winding temperature	°C	155
22	Axial play	mm	0.014
23	Radial play	mm	0.008
24	Axial load dynamic	N	5
25	Axial load static	N	80
26	Radial load at 3 mm from mounting face	N	29
27	No. of pole pairs		7
28	Bearings		2 ball bearings
29	Commutation		Sensorless
30	Protection class		IP 20

#### Options

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

#### Outline Drawing



UNIT:mm