

2224RCN

Precious metal commutation

Applications: Precision driving field in medical, health care, automobile, industrial automation, etc.

Characteristics

			-2P-6.0
1	Voltage	V	6.0
2	Terminal resistance	Ω	2.2
3	No-load speed	rpm	7650
4	No-load current	mA	35
5	Stall torque	mNm	20.0
6	Stall current	mA	2700
7	Nominal torque	mNm	5.0
8	Nominal speed	rpm	5770
9	Nominal current	mA	680
10	Max. output power	W	4.0
11	Max. efficiency	%	80
12	Back-EMF constant	mV/rpm	0.8
13	Torque constant	mNm/A	7.4
14	Speed/torque gradient	rpm/mNm	380
15	Rotor inertia	gcm ²	2.4
16	Weight	g	36
17	Thermal resistance housing-ambient	K/W	16.5
18	Thermal resistance winding-housing	K/W	8.9
19	Thermal time constant motor	s	255
20	Thermal time constant winding	s	14
21	Operating temperature range	°C	-20~+85
22	Max. winding temperature	°C	85
23	Axial play	mm	0.02~0.15
24	Radial play	mm	0.025
25	Axial load dynamic	N	3.3
26	Axial load static	N	60
27	Radial load at 3 mm from mounting face	N	14
28	No. of pole pairs		1
29	Bearings		2 ball bearings
30	Commutator		metal 5 segments
31	Protection class		IP 40

Options

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

Outline Drawing

