

2232RCN

Precious metal commutation

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

Characteristics			-3P-6.0	-8P-9.0	-4P-12.0	-5P-24.0
1	Voltage	V	6.0	9.0	12.0	24.0
2	Terminal resistance	Ω	2.0	2.9	4.4	18.0
3	No-load speed	rpm	8100	9400	10100	10200
4	No-load current	mA	20	17	20	15
5	Stall torque	mNm	21.1	28.2	30.4	28.9
6	Stall current	mA	3000	3100	2700	1300
7	Nominal torque	mNm	6.0	7.0	8.0	8.0
8	Nominal speed	rpm	5790	7060	7470	7440
9	Nominal current	mA	870	770	720	370
10	Max. output power	W	4.5	6.9	8.0	7.7
11	Max. efficiency	%	85	86	84	81
12	Back-EMF constant	mV/rpm	0.7	1.0	1.2	2.3
13	Torque constant	mNm/A	7.0	9.1	11.3	22.2
14	Speed/torque gradient	rpm/mNm	380	330	330	350
15	Rotor inertia	gcm ²	2.2	4.4	4.4	4.4
16	Weight	g	55.8	55.8	55.8	55.8
17	Thermal resistance housing-ambient	K/W	20			
18	Thermal resistance winding-housing	K/W	11			
19	Thermal time constant motor	s	265			
20	Thermal time constant winding	s	12			
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 30			

Options

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

Outline Drawing

