1331RCN

Precious metal commutation

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

Characteristics

			-1SP-9.0
1	Voltage	V	9.0
2	Terminal resistance	Ω	17.7
3	No-load speed	rpm	6730
4	No-load current	mA	7
5	Stall torque	mNm	6.4
6	Stall current	mA	510
7	Nominal torque	mNm	2.0
8	Nominal speed	rpm	4420
9	Nominal current	mA	185
10	Max. output power	W	1.13
11	Max. efficiency	%	79
12	Back-EMF constant	mV/rpm	1.3
13	Torque constant	mNm/A	12.6
14	Speed/torque gradient	rpm/mNm	1050
15	Rotor inertia	gcm^2	0.52
16	Weight	g	19
17	Thermal resistance housing-ambient	K/W	28.2
18	Thermal resistance winding-housing	K/W	23
19	Thermal time constant motor	s	152
20	Thermal time constant winding	s	14
21	Operating temperature range	℃	-20~+85
22	Max. winding temperature	℃	85
23	Axial play	mm	0.02~0.15
24	Radial play	mm	0.014
25	Axial load dynamic	N	0.8
26	Axial load static	N	30
27	Radial load at 3 mm from mounting face	N	1.4
28	No. of pole pairs		1
29	Bearings		2 sleeve bearings
30	Commutator		metal 5 segments
31	Protection class		IP 30

Options

Lead wires length
Shaft length
Special coils
Gearheads
Bearing type

Outline Drawing

UNIT:mm