

0408RN

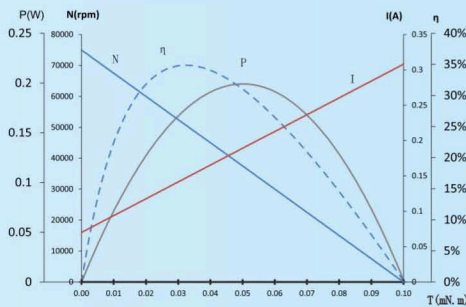
Precious metal commutation

Applications: Mini UAV, remote control toys, aerocrafts, mini household appliances and so on.

Characteristics

			-8-3.4	-32-3.4	-36-3.4	-70-3.4	-12-5.0(RNC)
1	Voltage	V	3.4	3.4	3.4	3.4	5.0
2	Terminal resistance	Ω	11.00	22.00	15.50	13.20	25.00
3	No-load speed	rpm	75000	58000	60000	65000	78500
4	No-load current	mA	70	40	50	60	50
5	Stall torque	mNm	0.10	0.06	0.09	0.10	0.09
6	Stall current	mA	309	155	219	258	200
7	Load torque	mNm	0.03	0.03	0.03	0.03	0.03
8	Load speed	rpm	53260	30860	40360	45240	52690
9	Load current	mA	139	94	105	120	99
10	Max. output power	W	0.20	0.10	0.14	0.17	0.19
11	Max. efficiency	%	35.5	32.6	35.4	34.9	33.4
12	Back-EMF constant	mV/rpm	0.04	0.04	0.04	0.04	0.05
13	Torque constant	mNm/A	0.33	0.41	0.42	0.38	0.46
14	Speed/torque gradient	rpm/mNm	724618	904540	654718	658632	860412
15	Rotor inertia	gcm ²	0.003	0.003	0.003	0.003	0.003
16	Weight	g	0.5	0.5	0.5	0.5	0.5
17	Operating temperature range	°C	-20~+65	-20~+65	-20~+65	-20~+65	-20~+60

Characteristics Curve



Model: 0408RN-8c-12-3.4

Options

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

Outline Drawing

