

1013RN

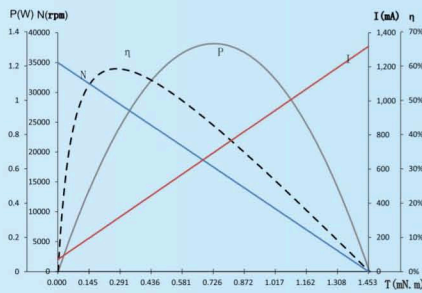
Precious metal commutation

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

Characteristics

			-10-4.5	-16-3.0
1	Voltage	V	4.5	3.0
2	Terminal resistance	Ω	3.6	20.0
3	No-load speed	rpm	35000	11800
4	No-load current	mA	70	15
5	Stall torque	mNm	1.45	0.33
6	Stall current	mA	1250	150
7	Load torque	mNm	0.3	0.1
8	Load speed	rpm	27750	8200
9	Load current	mA	310	60
10	Max. output power	W	1.3	0.1
11	Max. efficiency	%	62	52
12	Back-EMF constant	mV/rpm	0.1	0.2
13	Torque constant	mNm/A	1.2	2.2
14	Speed/torque gradient	rpm/mNm	24160	36000
15	Rotor inertia	gcm ²	0.06	0.05
16	Weight	g	4.2	4.2
17	Operating temperature range	°C	-20~+65	-20~+65

Characteristics Curve



Model : 1013RN01-10L97-4.5

Options

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

Outline Drawing

