

0714RN

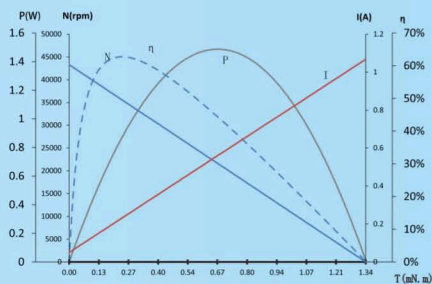
Precious metal commutation

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

Characteristics

			-61-8.0	-64-8.0	-18-7.4
1	Voltage	V	6	7.4	7.4
2	Terminal resistance	Ω	5.65	6.44	12.1
3	No-load speed	rpm	43300	42600	30450
4	No-load current	mA	50	40	30
5	Stall torque	mNm	1.34	1.84	1.35
6	Stall current	mA	1062	1149	612
7	Load torque	mNm	0.50	0.50	0.50
8	Load speed	rpm	27130	31020	19170
9	Load current	mA	428	341	245
10	Max. output power	W	1.52	2.05	1.08
11	Max. efficiency	%	64.41	68.62	63.80
12	Back-EMF constant	mV/rpm	0.13	0.17	0.23
13	Torque constant	mNm/A	1.26	1.60	2.21
14	Speed/torque gradient	rpm/mNm	32337	23156	22562
15	Rotor inertia	gcm ²	0.04	0.04	0.04
16	Weight	g	2.2	2.2	2.2
17	Operating temperature range	°C	-20~+65	-20~+65	-20~+65

Characteristics Curve



Model: 0714R2N57-15-80E1AL73-6.0

Options

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

Outline Drawing

