

0610RN55

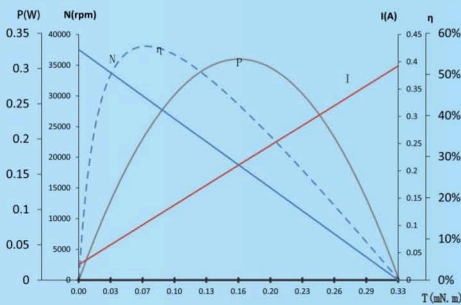
Precious metal commutation

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

Characteristics

			-8-3.5	-11-5.0	-22-3.4	-5-3.2	-49-3.5
1	Voltage	V	3.5	5.0	3.4	3.2	3.5
2	Terminal resistance	Ω	8.90	7.10	2.70	3.80	35.70
3	No-load speed	rpm	37550	58500	66500	55000	21000
4	No-load current	mA	28	45	100	85	20
5	Stall torque	mNm	0.33	0.54	0.57	0.42	0.12
6	Stall current	mA	393	704	1259	842	98
7	Load torque	mNm	0.05	0.05	0.05	0.05	0.05
8	Load speed	rpm	31780	53060	60630	48460	12550
9	Load current	mA	84	106	202	175	51
10	Max. output power	W	0.32	0.82	0.99	0.61	0.07
11	Max. efficiency	%	57.93	59.71	56.09	51.83	37.81
12	Back-EMF constant	mV/rpm	0.09	0.08	0.05	0.05	0.13
13	Torque constant	mNm/A	0.83	0.76	0.45	0.50	1.27
14	Speed/torque gradient	rpm/mNm	115500	108727	117493	130752	169078
15	Rotor inertia	gcm ²	0.01	0.01	0.01	0.01	0.01
16	Weight	g	1.2	1.2	1.2	1.3	1.2
17	Operating temperature range	°C	-20~+60	-20~+85	-20~+60	-20~+60	-20~+60

Characteristics Curve

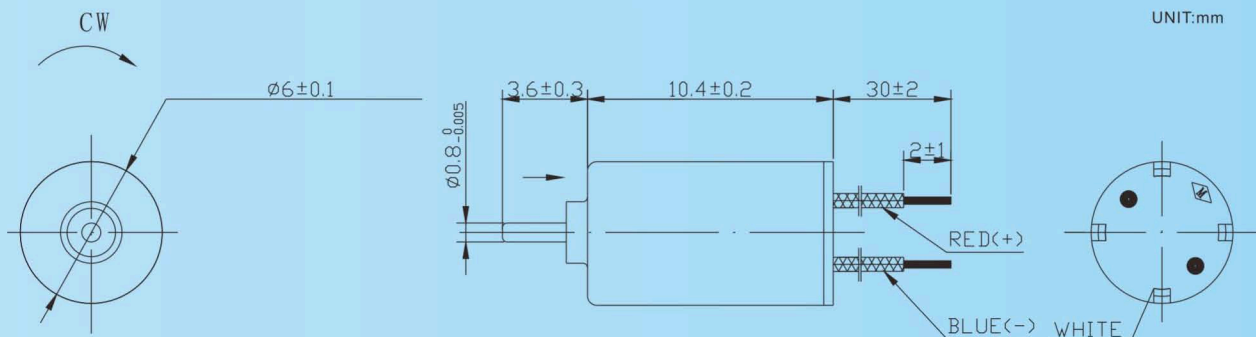


Model: 0610RN55-8-30A1-3.5

Options

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

Outline Drawing



UNIT:mm