

1020RN

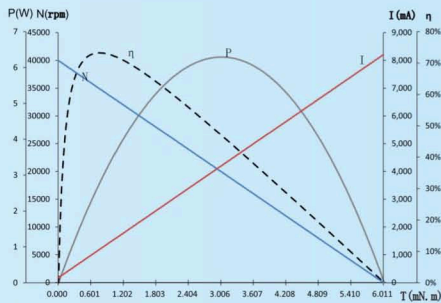
Precious metal commutation

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

Characteristics

			-47-3.2
1	Voltage	V	3.2
2	Terminal resistance	Ω	0.4
3	No-load speed	rpm	40000
4	No-load current	mA	170
5	Stall torque	mNm	6.0
6	Stall current	mA	8000
7	Load torque	mNm	1.5
8	Load speed	rpm	29970
9	Load current	mA	2130
10	Max. output power	W	6.3
11	Max. efficiency	%	75
12	Back-EMF constant	mV/rpm	0.1
13	Torque constant	mNm/A	0.7
14	Speed/torque gradient	rpm/mNm	6690
15	Rotor inertia	gcm ²	0.15
16	Weight	g	7.9
17	Operating temperature range	$^{\circ}\text{C}$	-20~+85

Characteristics Curve

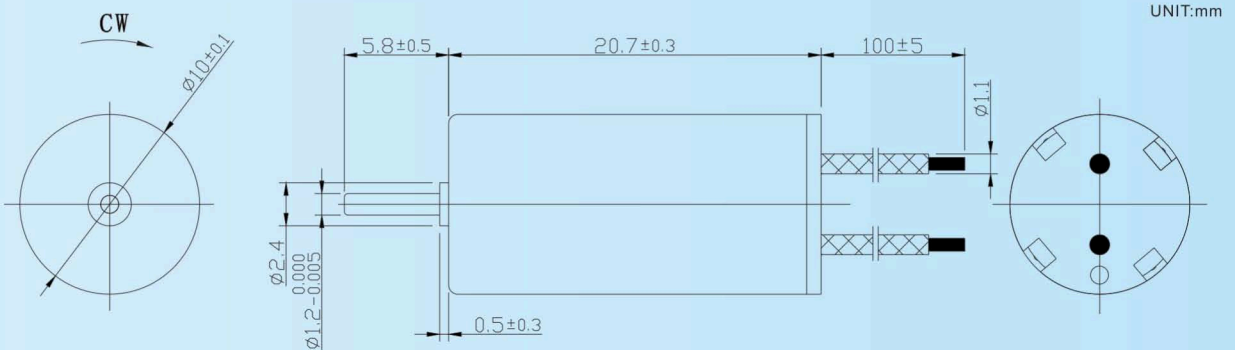


Model: 1020RN51A-47-100-3.7

Options

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

Outline Drawing



UNIT:mm