

0823RN

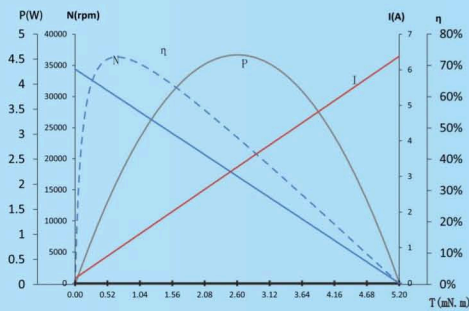
Precious metal commutation

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

Characteristics

			-12-3.0	-14-3.0
1	Voltage	V	3	3
2	Terminal resistance	Ω	0.47	0.45
3	No-load speed	rpm	34400	36700
4	No-load current	mA	140	160
5	Stall torque	mNm	5.20	5.08
6	Stall current	mA	6383	6667
7	Load torque	mNm	1.0	1.0
8	Load speed	rpm	27780	29470
9	Load current	mA	1341	1441
10	Max. output power	W	4.69	4.88
11	Max. efficiency	%	74.28	73.25
12	Back-EMF constant	mV/rpm	0.09	0.08
13	Torque constant	mNm/A	0.81	0.76
14	Speed/torque gradient	rpm/mNm	6617	7226
15	Rotor inertia	gcm ²	0.09	0.09
16	Weight	g	5.6	5.6
17	Operating temperature range	$^{\circ}\text{C}$	-20~+85	-20~+85

Characteristics Curve

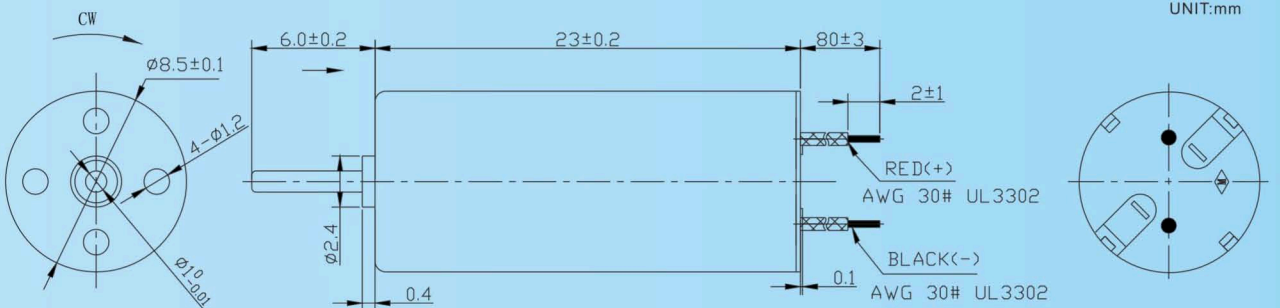


Model : 0823RN57A4-12-80C1AL103-3.0

Options

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

Outline Drawing



UNIT:mm