

## C1015F | 贵金属电刷 Precious Metal Commutation

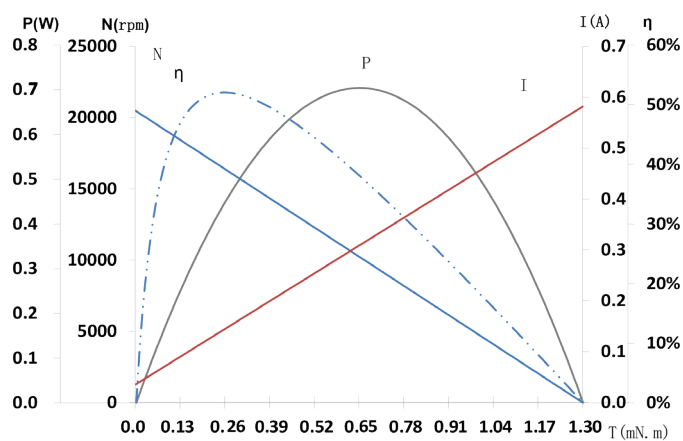
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

Applications: security equipment, small electronic products, remote control model aircraft, personal care products, portable electric tools, etc.

### 主要技术指标 | Characteristics

			33-0169	33-0107	33-0051	
1	电压	Voltage	V	3.0	6.0	3.0
2	端电阻	Terminal resistance	$\Omega$	4.5	10	35
3	空载转速	No-load speed	rpm	14700	20500	5500
4	空载电流	No-load current	mA	50	35	15
5	堵转转矩	Stall torque	mNm	1.0	1.30	0.40
6	堵转电流	Stall current	mA	680	582	91
7	负载转矩	Load torque	mNm	0.098	0.098	0.098
8	负载转速	Load speed	rpm	13300	19000	4200
9	负载电流	Load current	mA	110	75	33
10	最大输出功率	Max. output power	W	0.38	0.70	0.06
11	最大效率	Max. efficiency	%	45.8	51.6	42.7
12	反电势常数	Back-EMF constant	mV/rpm	0.19	0.28	0.45
13	转矩常数	Torque constant	mNm/A	1.56	2.38	5.25
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	15000	15769	13750
15	压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16	重量	Weight	g	4.0	4.1	3.9
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+80	-20~+80	-20~+80

### 特性曲线 | Characteristics Curve



型号 / Model C1015F33-0107

### 可选参数 | Options

- 导线长度 | Lead wires length
- 轴长 | Shaft length
- 性能 | Special coils
- 齿轮箱 | Gearheads

### 外观图 | Outline Drawing

