

## C1215F | 贵金属电刷 Precious Metal Commutation

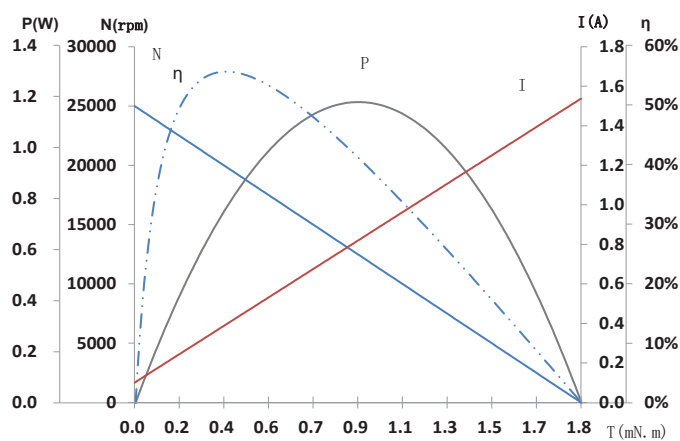
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

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

### 主要技术指标 | Characteristics

			13-0086	13-0141	13-0260	
1	电压	Voltage	V	3.5	1.5	3.0
2	端电阻	Terminal resistance	$\Omega$	1.7	1.2	10.8
3	空载转速	No-load speed	rpm	25000	11500	9600
4	空载电流	No-load current	mA	100	110	40
5	堵转转矩	Stall torque	mNm	1.80	1.10	0.70
6	堵转电流	Stall current	mA	1506	1030	274
7	负载转矩	Load torque	mNm	0.294	0.294	0.294
8	负载转速	Load speed	rpm	20910	8500	5500
9	负载电流	Load current	mA	330	350	140
10	最大输出功率	Max. output power	W	1.18	0.33	0.18
11	最大效率	Max. efficiency	%	56.5	48.8	44.8
12	反电势常数	Back-EMF constant	mV/rpm	0.13	0.12	0.27
13	转矩常数	Torque constant	mNm/A	1.28	1.20	2.99
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	13912	10455	13714
15	压敏电阻	Varistor	Yes/No	Yes	Yes	Yes
16	重量	Weight	g	5.4	5.4	5.1
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 C1215F13-0086

### 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

