

C1215F $\varnothing 12\text{mm} \times 15.6\text{mm}$, 贵金属电刷 Precious Metal Brushes

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.

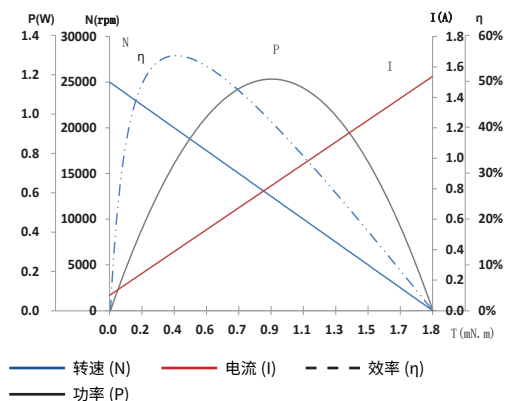
13-0086 13-0141 13-0260

电机参数 / Motor Data

1	电压	Voltage	V	3.5	1.5	3.0			
2	端电阻	Terminal resistance	Ω	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	1.8	1.1	0.7			
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	1.2	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					

特性曲线 / Characteristics Curve

C1215F13-0086



仅供参考，详细了解请以产品规格书为准。
For reference only, please refer to the product specification.

可选配置 / Options

齿轮箱：正齿轮

Gearbox: spur gearbox

齿轮组主要技术指标详见第 159 页

the main technical parameters are detailed on page 159

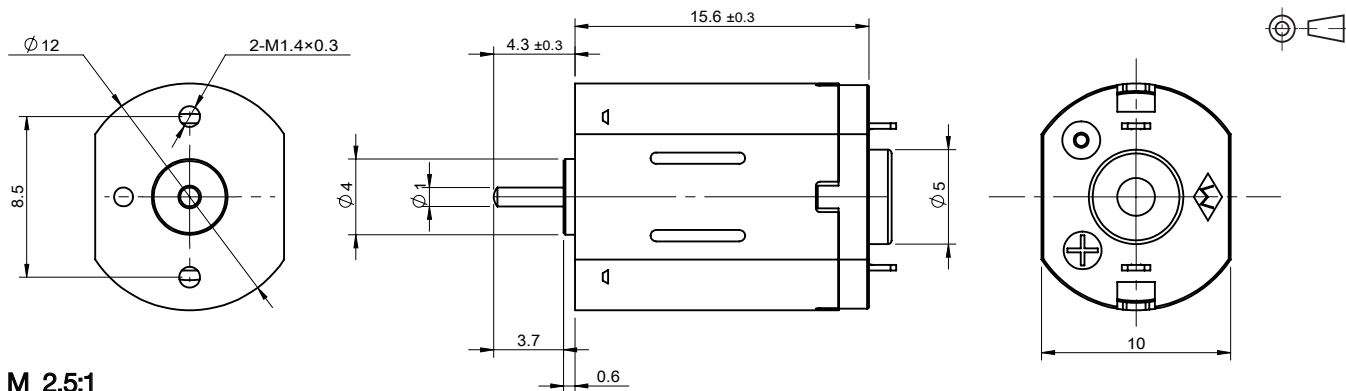
性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges

轴 Shaft: 长度 length / 异形 shape

电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length

外观图 / Outline Drawing



M 2.5:1