

C1012F $\varnothing 10\text{mm} \times 12.6\text{mm}$, 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.

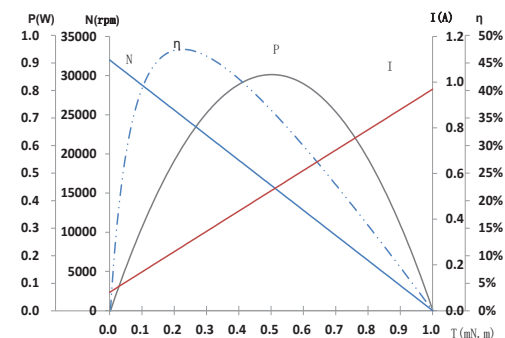
43-0045 43-0108 43-0113

电机参数 / Motor Data

1	电压	Voltage	V	4.5	2.0	3.0			
2	端电阻	Terminal resistance	Ω	3.7	16.5	11.1			
3	空载转速	No-load speed	rpm	32000	7000	12900			
4	空载电流	No-load current	mA	80	20	30			
5	堵转转矩	Stall torque	mNm	1	0.3	0.5			
6	堵转电流	Stall current	mA	969	120	288			
7	负载转矩	Load torque	mNm	0.29	0.09	0.17			
8	负载转速	Load speed	rpm	23000	4900	8400			
9	负载电流	Load current	mA	330	50	120			
10	最大输出功率	Max. output power	W	0.84	0.06	0.17			
11	最大效率	Max. efficiency	%	46.4	46.3	44.7			
12	反电势常数	Back-EMF constant	mV/rpm	0.13	0.24	0.21			
13	转矩常数	Torque constant	mNm/A	1.13	3	1.94			
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	32000	23333	25800			
15	压敏电阻	Varistor	Yes/No	Yes	Yes	Yes			
16	重量	Weight	g	3.15	3	3			
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+80					

特性曲线 / Characteristics Curve

C1012F43-0045



— 转速 (N) — 电流 (I) - - - 效率 (η)
— 功率 (P)

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

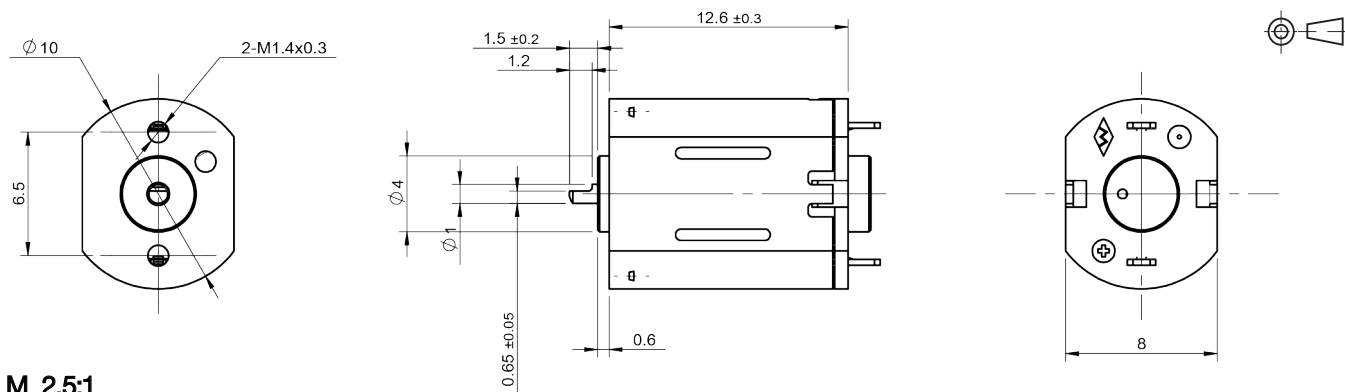
性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

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