

L0609N3M \varnothing 6mm*9mm, 贵金属电刷 Precious Metal Brushes

应用领域: 微型无人机、智能电玩、小家电产品等领域。

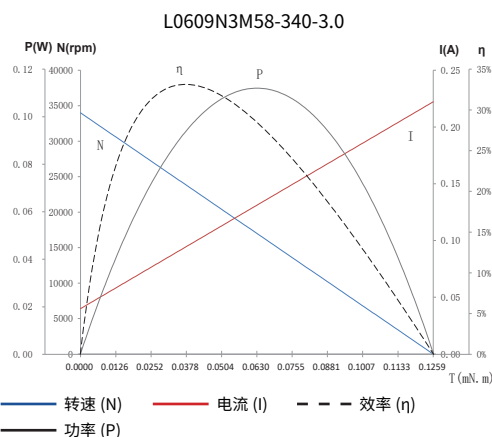
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

58-340-3.0 09-490-3.0 10-435-3.0

电机参数 / Motor Data

电机参数 / Motor Data	电压	V	3.0	3.0	3.0
1 电压	Voltage	V	3.0	3.0	3.0
2 端电阻	Terminal resistance	Ω	13.5	7.8	7.7
3 空载转速	No-load speed	rpm	34000	49000	43500
4 空载电流	No-load current	mA	40	50	65
5 堵转转矩	Stall torque	mNm	0.126	0.17	0.18
6 堵转电流	Stall current	mA	222	385	390
7 负载转矩	Load torque	mNm	0.05	0.05	0.05
8 负载转速	Load speed	rpm	20510	34590	31280
9 负载电流	Load current	mA	110	150	160
10 最大输出功率	Max. output power	W	0.11	0.22	0.2
11 最大效率	Max. efficiency	%	33.2	40.9	35
12 反电势常数	Back-EMF constant	mV/rpm	0.07	0.05	0.06
13 转矩常数	Torque constant	mNm/A	0.69	0.51	0.55
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	269841	288235	244382
15 转子惯量	Rotor inertia	gcm ²	0.008	0.008	0.008
16 重量	Weight	g	1	1	1
17 工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+65		

特性曲线 / Characteristics Curve



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: 行星齿轮

Gearbox: planetary gearbox

齿轮组主要技术指标详见第 158 页

the main technical indicators of the gear group are detailed on page 158

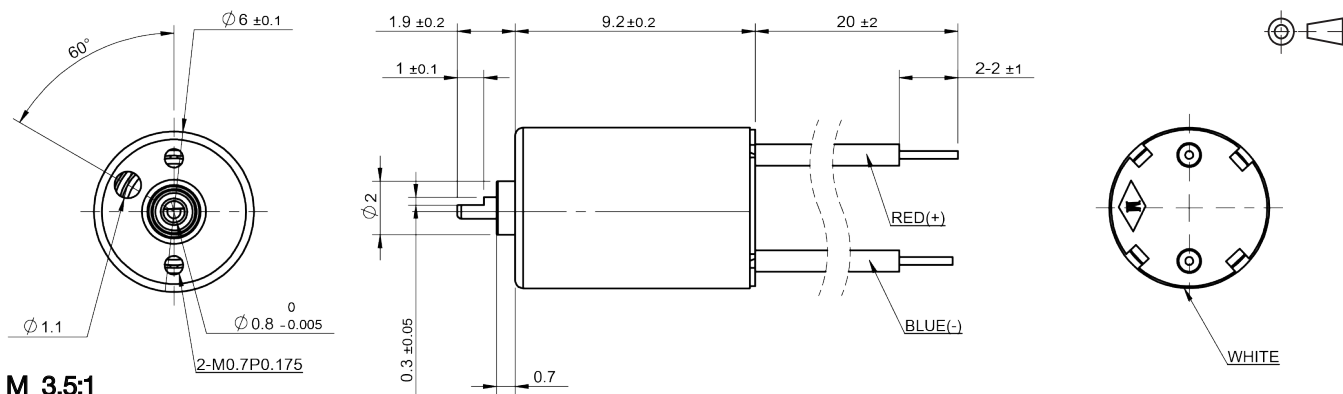
性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

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



规格如有变更, 恕不另行通知。Specification subject to change without notice.

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