

L1625N5M \varnothing 16mm*25.5mm, 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.

精密直流空心杯电机
PRECISION DC CORELESS MOTOR

无刷电机
BRUSHLESS DC MOTOR

驱动器
CONTROLLER

精密齿轮减速电机
PRECISION GEAR MOTOR

精密伺服电机
PRECISION SERVO MOTOR

直流空心杯电机
DC CORELESS MOTOR

直流铁芯电机
DC CORE MOTOR

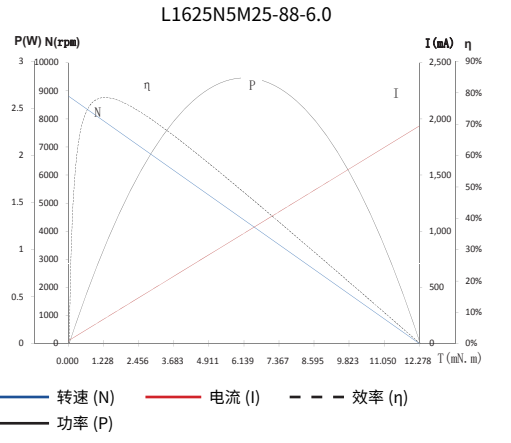
声波振动电机
SONIC MOTOR

全球营销网络
GLOBAL MARKETING NETWORK

	25-88-6.0	35-60-5.0	54-170-12.0
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电机参数 / Motor Data				25-88-6.0	35-60-5.0	54-170-12.0
1	电压	Voltage	V	6.0	5.0	12.0
2	端电阻	Terminal resistance	Ω	3.1	4.4	3.2
3	空载转速	No-load speed	rpm	8800	6000	18700
4	空载电流	No-load current	mA	25	25	60
5	堵转转矩	Stall torque	mNm	12.3	8.6	22.3
6	堵转电流	Stall current	mA	1935	1136	3750
7	负载转矩	Load torque	mNm	3.5	1	3.8
8	负载转速	Load speed	rpm	6290	5310	15470
9	负载电流	Load current	mA	570	153	697
10	最大输出功率	Max. output power	W	2.8	1.4	10.9
11	最大效率	Max. efficiency	%	79	73	76
12	反电势常数	Back-EMF constant	mV/rpm	0.67	0.82	0.63
13	转矩常数	Torque constant	mNm/A	6.43	7.78	6.03
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	720	690	840
15	转子惯量	Rotor inertia	gcm ²	0.7	0.7	0.7
16	重量	Weight	g	20.5	20.5	20.5
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+85		

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
- 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

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

外观图 / Outline Drawing

