

L1718N5M | 贵金属电刷 Precious Metal Commutation

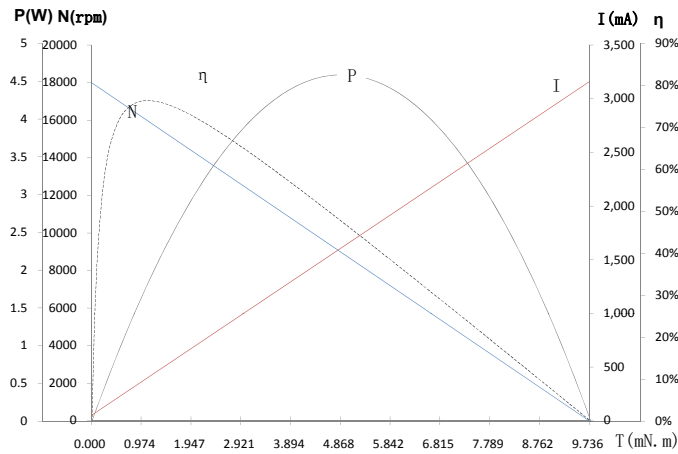
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			06-180-6.0	67-185-6.5	46-245-7.4	57-260-7.4
1 电压	Voltage	V	6.0	6.5	7.4	7.4
2 端电阻	Terminal resistance	Ω	1.9	1.7	1.2	1.3
3 空载转速	No-load speed	rpm	18000	18500	24500	26000
4 空载电流	No-load current	mA	50	50	40	60
5 堵转转矩	Stall torque	mNm	9.7	12.5	17.6	15.1
6 堵转电流	Stall current	mA	3160	3820	6170	5690
7 负载转矩	Load torque	mNm	1.0	1.0	1.0	2.0
8 负载转速	Load speed	rpm	16150	17020	23110	22570
9 负载电流	Load current	mA	370	350	390	800
10 最大输出功率	Max. output power	W	4.6	6.1	11.3	10.3
11 最大效率	Max. efficiency	%	77	79	85	81
12 反电势常数	Back-EMF constant	mV/rpm	0.3	0.3	0.3	0.3
13 转矩常数	Torque constant	mNm/A	3.1	3.3	2.9	2.7
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	1850	1480	1390	1720
15 转子惯量	Rotor inertia	gcm ²	0.8	0.8	0.8	0.8
16 重量	Weight	g	18.3	18.3	18.5	20.5
17 工作温度范围	Operating temperature range	°C	-20~+85	-20~+85	-20~+85	-20~+85

特性曲线 | Characteristics Curve

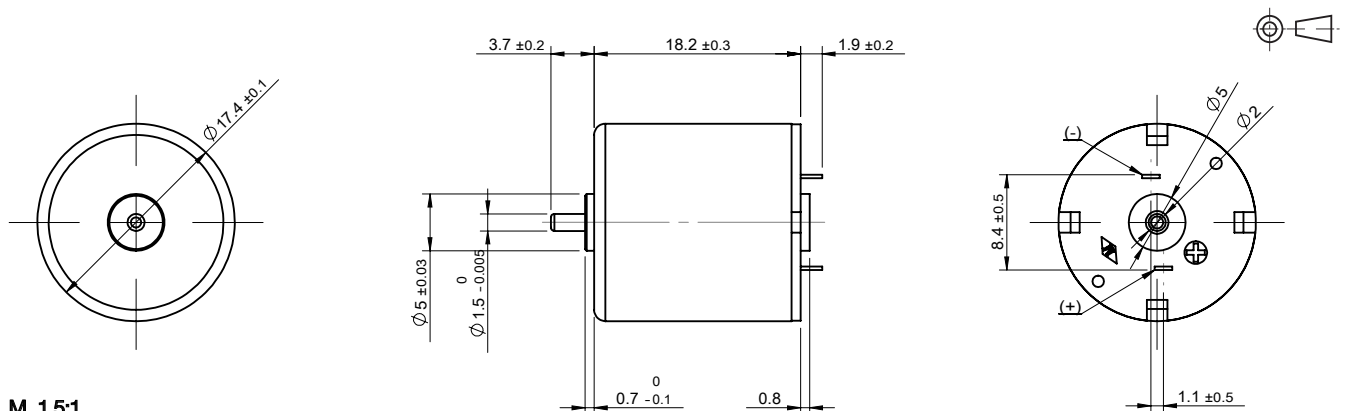


型号 / Model L1718N5M06-180-6.0

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



M 1.5:1

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