



## 电机参数 Motor specifications

13A

06A

17A

09A

1 额定电压 (Nominal voltage)	V	4.0	6.0	7.4	12.0
2 空载转速 (No load speed)	rpm	13400	12000	15000	14000
3 空载电流 (No load current)	mA	45	30	30	25
4 额定转速 (Nominal speed)	rpm	10080	9030	11287	10640
5 额定转矩 (Nominal torque)	mNm	1.25	1.57	1.24	1.27
6 额定电流 (Nominal current)	A	0.47	0.35	0.29	0.17
7 堵转转矩 (Stall torque)	mNm	5.0	6.3	5.0	5.1
8 堵转电流 (Stall current)	A	1.77	1.32	1.06	0.65
9 相间电阻 (Terminal resistance)	$\Omega$	2.26	4.53	6.96	18.53
10 转矩常数 (Torque constant)	mNm/A	2.79	4.68	4.62	8.02
11 速度常数 (Speed constant)	rpm/V	3350	2000	2027	1166
12 机械时间常数 (Mechanical time constant)	ms	12.9	12.8	13.1	12.7
13 转子惯量 (Rotor inertia)	gcm <sup>2</sup>	0.487	0.482	0.492	0.479

## 可配减速箱 Optional gearbox

G13MF	见Page 92
G13XL	见Page 93

## 可配编码器 Optional encoder

## 其他参数 Other specifications

工作温度范围 (Operating temperature range)	-20...+80°C	轴承类型 (Bearing type)	含油轴承 (Sleeve bearings)
极对数 (Number of pole pairs)	1	电刷类型 (Brush type)	贵金属刷 (Precious metal brushes)
换向器片数 (Number of commutator segments)	5	电机重量 (Weight of motor)	12.43g