



电机参数 Motor specifications		08A	03A	05A	01A
1 额定电压 (Nominal voltage)	V	3.6	5.0	7.4	12.0
2 空载转速 (No load speed)	rpm	14700	10200	27500	10200
3 空载电流 (No load current)	mA	65	30	90	20
4 额定转速 (Nominal speed)	rpm	12825	7930	25850	7624
5 额定转矩 (Nominal torque)	mNm	1.49	2.41	1.14	2.50
6 额定电流 (Nominal current)	A	0.69	0.53	0.53	0.23
7 堵转转矩 (Stall torque)	mNm	11.7	10.8	19	99
8 堵转电流 (Stall current)	A	5.0	2.31	7.4	0.88
9 相间电阻 (Terminal resistance)	Ω	0.72	2.16	1.0	13.6
10 转矩常数 (Torque constant)	mNm/A	2.29	4.58	2.52	11
11 速度常数 (Speed constant)	rpm/V	4083	2040	3716	850
12 机械时间常数 (Mechanical time constant)	ms	7.2	5.4	8.3	6.0
13 转子惯量 (Rotor inertia)	gcm ²	0.576	0.569	0.574	0.581

可配减速箱 Optional gearbox

G12MF	见Page 90
G12XL	见Page 91

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)	16.28g