



电机参数 Motor specifications

01A

03A

06A

07A

1 额定电压 (Nominal voltage)	V	6.0	12.0	24.0	48.0
2 空载转速 (No load speed)	rpm	6000	14760	10000	12400
3 空载电流 (No load current)	mA	50	130	30	20
4 额定转速 (Nominal speed)	rpm	4815	11808	8025	9951
5 额定转矩 (Nominal torque)	mNm	20.21	39.65	29.2	41.04
6 额定电流 (Nominal current)	A	2.16	5.21	1.3	1.13
7 堵转转矩 (Stall torque)	mNm	100	198	147	207
8 堵转电流 (Stall current)	A	10.71	25.53	6.22	5.62
9 相间电阻 (Terminal resistance)	Ω	0.56	0.47	3.72	8.54
10 转矩常数 (Torque constant)	mNm/A	9.36	3.8	22.46	36.2
11 速度常数 (Speed constant)	rpm/V	1000	1230	416	258
12 机械时间常数 (Mechanical time constant)	ms	4.7	5.9	5.4	4.6
13 转子惯量 (Rotor inertia)	gcm ²	8.03	7.86	7.96	7.68

可配减速箱 Optional gearbox

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)	85.47g