



## 电机参数 Motor specifications

07A

11A

03A

12A

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	5200	8900	7800	4600
3 空载电流 (No load current)	mA	210	180	130	30
4 额定转速 (Nominal speed)	rpm	3900	6675	5850	3450
5 额定转矩 (Nominal torque)	mNm	66.12	101.6	89	56.94
6 额定电流 (Nominal current)	A	6.16	8.03	3.13	0.6
7 堵转转矩 (Stall torque)	mNm	264	406	356	227
8 堵转电流 (Stall current)	A	24	31.58	12.12	2.29
9 相间电阻 (Terminal resistance)	Ω	0.25	0.38	1.98	21
10 转矩常数 (Torque constant)	mNm/A	10.8	12.6	28.8	97.7
11 速度常数 (Speed constant)	rpm/V	866	741	325	96
12 机械时间常数 (Mechanical time constant)	ms	11.4	12.6	12.8	12
13 转子惯量 (Rotor inertia)	gcm <sup>2</sup>	58.1	57.5	58.6	59.3

## 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)	滚珠轴承 (Ball bearings)
极对数 (Number of pole pairs)	1	电刷类型 (Brush type)	碳刷 (Graphite brushes)
换向器片数 (Number of commutator segments)	13	电机重量 (Weight of motor)	227.58g