



电机参数 Motor specifications		05A	02A	01A	03A
1 额定电压 (Nominal voltage)	V	12.0	12.0	24.0	48.0
2 空载转速 (No load speed)	rpm	4400	5200	5900	5900
3 空载电流 (No load current)	mA	65	120	80	30
4 额定转速 (Nominal speed)	rpm	3311	3913	4439	4439
5 额定转矩 (Nominal torque)	mNm	72.98	100.7	106.83	107.45
6 额定电流 (Nominal current)	A	2.85	4.66	2.81	1.4
7 堵转转矩 (Stall torque)	mNm	294.9	406.9	431.6	1612
8 堵转电流 (Stall current)	A	11.32	18.46	11.11	26.37
9 相间电阻 (Terminal resistance)	Ω	1.06	0.64	2.16	8.59
10 转矩常数 (Torque constant)	mNm/A	25.52	21.6	38.07	60
11 速度常数 (Speed constant)	rpm/V	366	433	245.8	156.25
12 机械时间常数 (Mechanical time constant)	ms	6.9	6.1	6.5	6.4
13 转子惯量 (Rotor inertia)	gcm ²	46.6	47.63	47.3	46.98

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)	238.89g