



电机参数 Motor specifications		65A	43A	04A	63A
1 额定电压 (Nominal voltage)	V	6.0	7.4	12.0	24.0
2 空载转速 (No load speed)	rpm	8100	8000	9900	8600
3 空载电流 (No load current)	mA	50	30	45	20
4 额定转速 (Nominal speed)	rpm	6459	6380	8761	6450
5 额定转矩 (Nominal torque)	mNm	8.19	8.27	8.28	13.57
6 额定电流 (Nominal current)	A	1.2	0.96	0.75	0.52
7 堵转转矩 (Stall torque)	mNm	40.1	40.3	71.6	54.1
8 堵转电流 (Stall current)	A	5.71	4.63	6.22	2.04
9 相间电阻 (Terminal resistance)	Ω	1.05	1.60	1.93	11.78
10 转矩常数 (Torque constant)	mNm/A	6.93	8.65	10.4	26.1
11 速度常数 (Speed constant)	rpm/V	1350	1081	900	358
12 机械时间常数 (Mechanical time constant)	ms	6.8	7.0	9.3	5.7
13 转子惯量 (Rotor inertia)	gcm ²	3.4	3.56	3.46	3.61

可配减速箱 Optional gearbox

G22MF	见Page 95
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可配编码器 Optional encoder

EM22	增量式 (Incremental) 1-1024ppr 1-3通道 (channel)	见Page 103
EM22	绝对式 (Absolute) 14 bit single turn	见Page 104

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)	60.1g