



电机参数 Motor specifications		14A	56A	60A	73A
1 额定电压 (Nominal voltage)	V	5.5	7.4	12.0	18.0
2 空载转速 (No load speed)	rpm	14000	27000	27000	31300
3 空载电流 (No load current)	mA	45	80	50	55
4 额定转速 (Nominal speed)	rpm	11795	25852	25920	28874
5 额定转矩 (Nominal torque)	mNm	3.25	1.61	1.59	3.3
6 额定电流 (Nominal current)	A	0.9	0.69	0.42	0.65
7 堵转转矩 (Stall torque)	mNm	20.6	37.8	39.8	42.6
8 堵转电流 (Stall current)	A	5.5	14.51	9.38	7.76
9 相间电阻 (Terminal resistance)	Ω	1.0	0.51	1.28	2.32
10 转矩常数 (Torque constant)	mNm/A	3.67	2.56	4.16	5.38
11 速度常数 (Speed constant)	rpm/V	2545	3648	2250	1738
12 机械时间常数 (Mechanical time constant)	ms	6.5	6.6	6.3	6.5
13 转子惯量 (Rotor inertia)	gcm ²	0.955	0.923	0.927	0.88

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)	25.53g