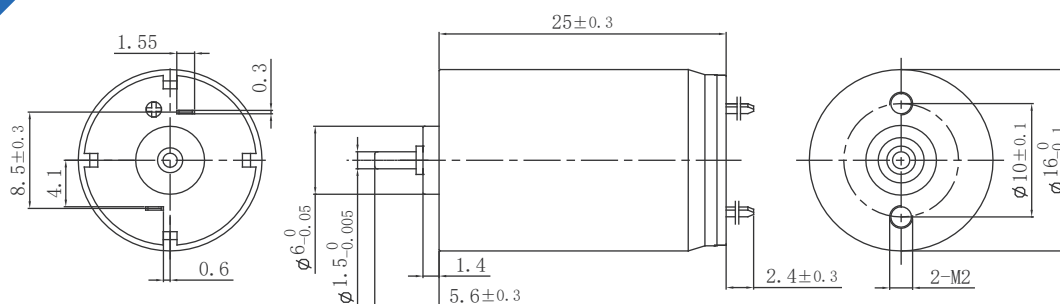




电机参数 Motor specifications		85A	21A	01A	17A
1 额定电压 (Nominal voltage)	V	3.8	6.0	12.0	24.0
2 空载转速 (No load speed)	rpm	18990	6400	10240	13300
3 空载电流 (No load current)	mA	100	10	15	10
4 额定转速 (Nominal speed)	rpm	16948	4848	8192	11138
5 额定转矩 (Nominal torque)	mNm	2.30	2.41	3.73	3.42
6 额定电流 (Nominal current)	A	1.29	0.27	0.34	0.21
7 堵转转矩 (Stall torque)	mNm	21.4	9.9	18.7	21.1
8 堵转电流 (Stall current)	A	11.18	1.11	1.67	1.23
9 相间电阻 (Terminal resistance)	Ω	0.34	5.4	7.2	19.58
10 转矩常数 (Torque constant)	mNm/A	1.87	8.77	10.96	16.88
11 速度常数 (Speed constant)	rpm/V	4997	1066	853	554
12 机械时间常数 (Mechanical time constant)	ms	8.5	5.8	5.0	5.2
13 转子惯量 (Rotor inertia)	gcm ²	0.96	0.89	0.91	0.83

可配减速箱 Optional gearbox

G16MF 见Page 94

可配编码器 Optional encoder

EM16 增量式 (Incremental) 1~1024ppr 1~2通道 (channel) 见Page 101
EM16 绝对式 (Absolute) 14 bit single turn 见Page 102

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)	24.32g