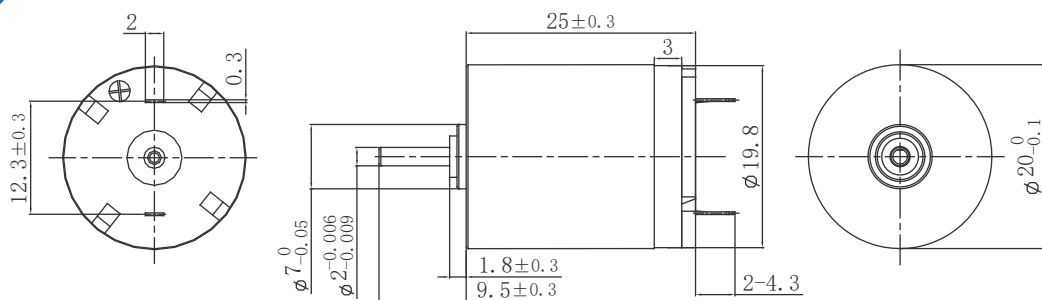




电机参数 Motor specifications		02A	03A	01A	04A
1 额定电压 (Nominal voltage)	V	6.0	7.4	12.0	24.0
2 空载转速 (No load speed)	rpm	8000	7500	10000	12000
3 空载电流 (No load current)	mA	30	25	25	20
4 额定转速 (Nominal speed)	rpm	6040	5662	7550	9060
5 额定转矩 (Nominal torque)	mNm	5.01	4.81	7.75	7.36
6 额定电流 (Nominal current)	A	0.72	0.53	0.69	0.4
7 堵转转矩 (Stall torque)	mNm	20	19.6	31.0	30
8 堵转电流 (Stall current)	A	2.86	2.08	2.76	1.57
9 相间电阻 (Terminal resistance)	Ω	2.1	3.55	4.35	15.25
10 转矩常数 (Torque constant)	mNm/A	7.02	9.23	11.23	18.72
11 速度常数 (Speed constant)	rpm/V	1333	1013	833	500
12 机械时间常数 (Mechanical time constant)	ms	13.5	12.9	11.1	14.6
13 转子惯量 (Rotor inertia)	gcm ²	3.46	3.37	3.51	3.65

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)	贵金属刷 (Precious metal brushes)
换向器片数 (Number of commutator segments)	5	电机重量 (Weight of motor)	33.22g