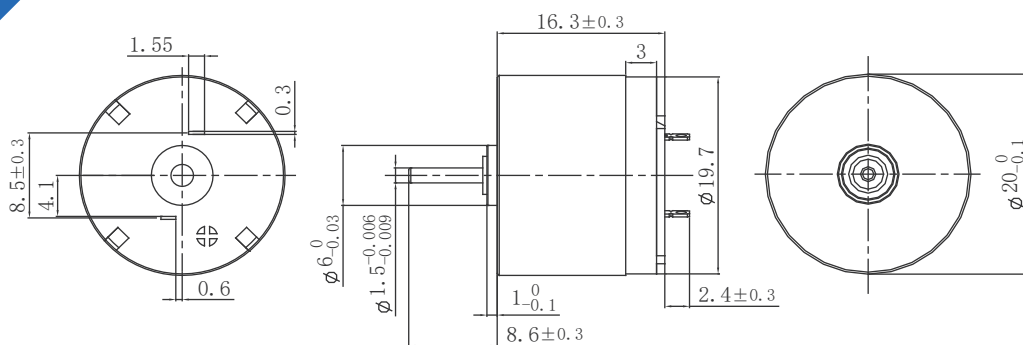




电机参数 Motor specifications		09A	10A	01A	11A
1 额定电压 (Nominal voltage)	V	6.0	8.0	12.0	12.0
2 空载转速 (No load speed)	rpm	7500	9000	11400	13000
3 空载电流 (No load current)	mA	15	18	20	25
4 额定转速 (Nominal speed)	rpm	5643	6772	8578	9782
5 额定转矩 (Nominal torque)	mNm	1.62	2.15	3.12	3.22
6 额定电流 (Nominal current)	A	0.22	0.36	0.32	0.38
7 堵转转矩 (Stall torque)	mNm	6.2	8.5	12.1	12.8
8 堵转电流 (Stall current)	A	0.82	1.02	1.25	1.48
9 相间电阻 (Terminal resistance)	Ω	7.0	7.82	9.57	8.13
10 转矩常数 (Torque constant)	mNm/A	7.48	8.32	9.85	8.63
11 速度常数 (Speed constant)	rpm/V	1250	1125	950	1083
12 机械时间常数 (Mechanical time constant)	ms	24.3	21	20.7	21.6
13 转子惯量 (Rotor inertia)	gcm ²	2.12	2.03	2.29	2.16

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)	22.77g