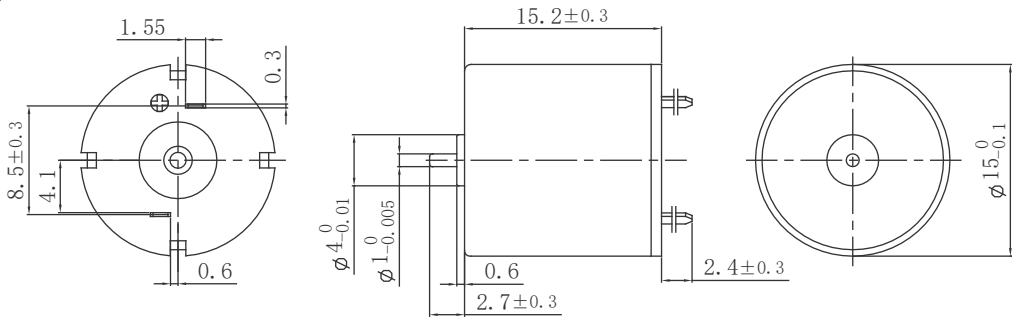




电机参数 Motor specifications

		05A	20C	15A	24C
1 额定电压 (Nominal voltage)	V	5.0	7.4	8.4	12.0
2 空载转速 (No load speed)	rpm	21200	31000	20500	25000
3 空载电流 (No load current)	mA	55	70	25	30
4 额定转速 (Nominal speed)	rpm	15953	27900	15323	21187
5 额定转矩 (Nominal torque)	mNm	1.47	1.03	1.31	1.14
6 额定电流 (Nominal current)	A	0.69	0.51	0.35	0.27
7 堵转转矩 (Stall torque)	mNm	9.2	10.3	5.2	7.5
8 堵转电流 (Stall current)	A	2.63	4.51	1.32	1.63
9 相间电阻 (Terminal resistance)	Ω	1.9	1.64	6.36	7.38
10 转矩常数 (Torque constant)	mNm/A	2.2	2.23	3.83	4.49
11 速度常数 (Speed constant)	rpm/V	4240	4189	2440	2083
12 机械时间常数 (Mechanical time constant)	ms	16.2	13.7	18.3	15.4
13 转子惯量 (Rotor inertia)	gcm ²	0.452	0.456	0.461	0.459

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)	10.65g