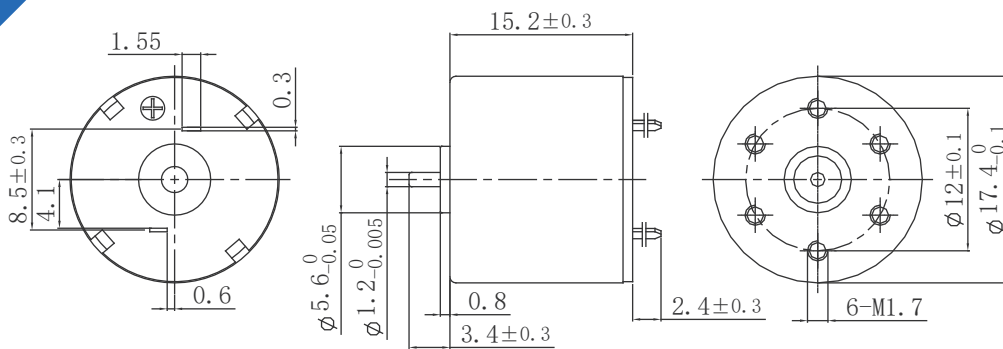




电机参数 Motor specifications

02A

24A

01A

18A

1 额定电压 (Nominal voltage)	V	5.0	6	7.4	12
2 空载转速 (No load speed)	rpm	21900	24300	26000	14850
3 空载电流 (No load current)	mA	70	65	65	15
4 额定转速 (Nominal speed)	rpm	18396	18285	23270	11137
5 额定转矩 (Nominal torque)	mNm	1.56	1.25	1.26	1.46
6 额定电流 (Nominal current)	A	0.77	0.58	0.52	0.2
7 堵转转矩 (Stall torque)	mNm	9.6	5.0	12.0	5.8
8 堵转电流 (Stall current)	A	4.46	0.64	4.4	0.75
9 相间电阻 (Terminal resistance)	Ω	1.12	2.8	1.68	15.9
10 转矩常数 (Torque constant)	mNm/A	2.14	2.31	2.66	7.56
11 速度常数 (Speed constant)	rpm/V	4380	4050	3513	1237
12 机械时间常数 (Mechanical time constant)	ms	13.4	27.7	12.7	15
13 转子惯量 (Rotor inertia)	gcm ²	0.594	0.576	0.586	0.589

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)	16g