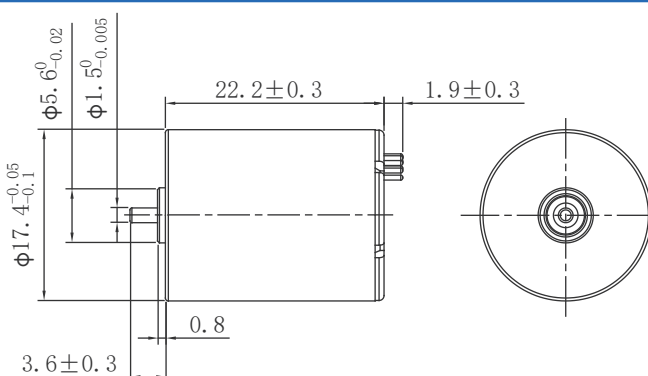
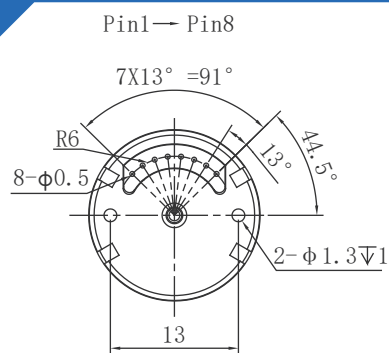




电机参数 Motor specifications

27A

23A

09A

06A

1 额定电压 (Nominal voltage)	V	5	7.4	12	24
2 空载转速 (No load speed)	rpm	25200	30000	24200	22000
3 空载电流 (No load current)	mA	130	230	100	80
4 额定转速 (Nominal speed)	rpm	21900	26220	21100	19250
5 额定转矩 (Nominal torque)	mNm	3.5	4.19	3.86	3.85
6 额定电流 (Nominal current)	A	1.97	1.98	0.9	0.44
7 堵转转矩 (Stall torque)	mNm	26.4	33.5	30.9	30.8
8 堵转电流 (Stall current)	A	14.3	15.23	6.5	2.96
9 相间电阻 (Terminal resistance)	Ω	0.35	0.52	1.84	8.11
10 转矩常数 (Torque constant)	mNm/A	1.86	2.31	4.64	10.2
11 速度常数 (Speed constant)	rpm/V	5040	4051	2016	916
12 机械时间常数 (Mechanical time constant)	ms	3.06	2.94	2.58	2.35
13 转子惯量 (Rotor inertia)	gcm ²	0.33	0.33	0.33	0.33

可配减速箱 Optional gearbox

可配编码器 Optional encoder

端子数据 Terminal data

端子型号 Terminal model: 8Pin 排针

Pin 1 电机绕组 Motor winding 1

Pin 2 霍尔传感器 Hall GND

Pin 3 霍尔传感器 Hall sensor 1

Pin 4 霍尔传感器 Hall sensor 3

Pin 5 电机绕组 Motor winding 2

Pin 6 霍尔传感器 Hall Vcc 3.3~5V

Pin 7 霍尔传感器 Hall sensor 2

Pin 8 电机绕组 Motor winding 3

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

电机重量 (Weight of motor)

275g

相数 (Number of phases)

3