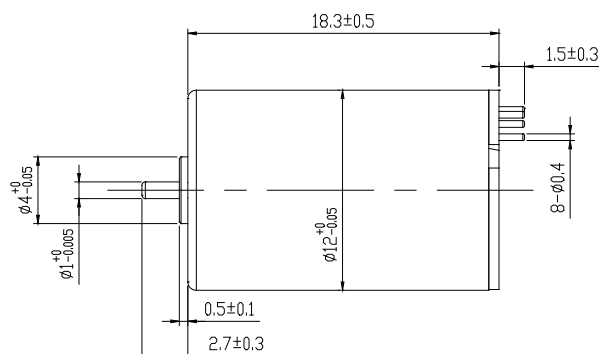
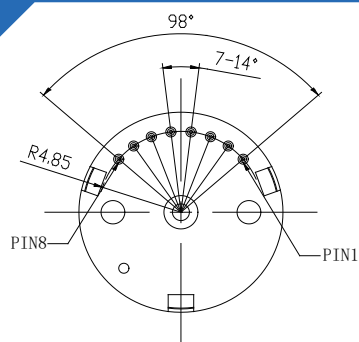




电机参数 Motor specifications		01A	02A	03A
1 额定电压 (Nominal voltage)	V	7.4	12	12
2 空载转速 (No load speed)	rpm	32250	31600	19200
3 空载电流 (No load current)	mA	160	100	100
4 额定转速 (Nominal speed)	rpm	29025	28440	17280
5 额定转矩 (Nominal torque)	mNm	1.69	1.79	1.2
6 额定电流 (Nominal current)	A	0.91	0.58	0.29
7 堵转转矩 (Stall torque)	mNm	16.9	17.9	12
8 堵转电流 (Stall current)	A	7.71	4.94	2.0
9 相间电阻 (Terminal resistance)	Ω	0.96	2.43	5.99
10 转矩常数 (Torque constant)	mNm/A	2.19	3.62	6.0
11 速度常数 (Speed constant)	rpm/V	4358.1	2633.3	1600
12 机械时间常数 (Mechanical time constant)	ms	3.54	3.32	3.02
13 转子惯量 (Rotor inertia)	gcm ²	0.19	0.19	0.19

可配减速箱 Optional gearbox

G12MF

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G12XL

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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 sensor 3

Pin 3 霍尔传感器Hall VCC DC 3.3~5V

Pin 4 电机绕组Motor winding 2

Pin 5 霍尔传感器Hall sensor 2

Pin 6 霍尔传感器 Hall GND

Pin 7 电机绕组Motor winding 3

Pin 8 霍尔传感器Hall sensor 1

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)

2

电机重量 (Weight of motor)

12g

相数 (Number of phases)

3