

RoHS

A

B

C

D

E

1

2

3

4

5

6

7

300±1

80±1

2

10

Ø12

Ø73₀^{-0.05}

LABEL

86

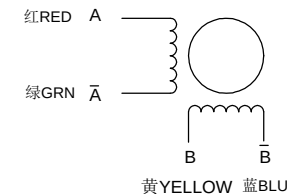
69.6

4-Ø6.6

1000±50

高柔电缆线

接线图 WINDING DIAGRAM



励磁顺序（两相励磁）VS旋转方向
EXCITING SEQUENCE (TWO PHASES)
VS. DIRECTION OF ROTATION

STEP	A	B	$\bar{A}$	$\bar{B}$	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从电机安装面看为顺时针
CLOCK WISE VIEW FROM MOUNTING SIDE

YYWWXXXX

Stator barcode label

Ever
ELETRONICA
the clever drive

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电机参数 MOTOR SPECIFICATIONS

步进角 STEP ANGLE	1.8°±5%
额定电流 RATED CURRENT	4.0 Amps/PHASE
保持力矩 HOLDING TORQUE	4.0N.m
电阻 RESISTANCE	0.5 ohm±0.15 AT 25°C
电感 INDUCTANCE	3.6 mH±20% AT 1kHz, 1Vrms
转子惯量 ROTOR INERTIA	
绝缘等级 INSULATION CLASS	CLASS B
绝缘耐压 DIELECTRIC STRENGTH	500V A.C 1MINUTE
绝缘电阻 INSULATION RESISTANCE	100MΩ@500VDC
螺纹导程 LEAD	4mm
丝杆直径 LEAD SCREW DIAMETER	16mm
整步步长 LINEAR TRAVER PER STEP	0.02mm
环境温度 OPERATING TEMPERATURE	-20°C ~ +50°C
温升 Heat Rise	80K

电机型号 MOTOR CODE

EW34-240-G04300

步进电机规格书

UNIT: mm

UNLESS OTHERWISE SPECIFIED TOLERANCES
/DIMENSIONS: ±0.3mm /DEGREES: ±5%

电机检验标准 / Motor inspection standard: QC-ZL-011

REV.	DATE	REVISIONS	BY
A	20-07-22	first version	Luffy

APPROVED