

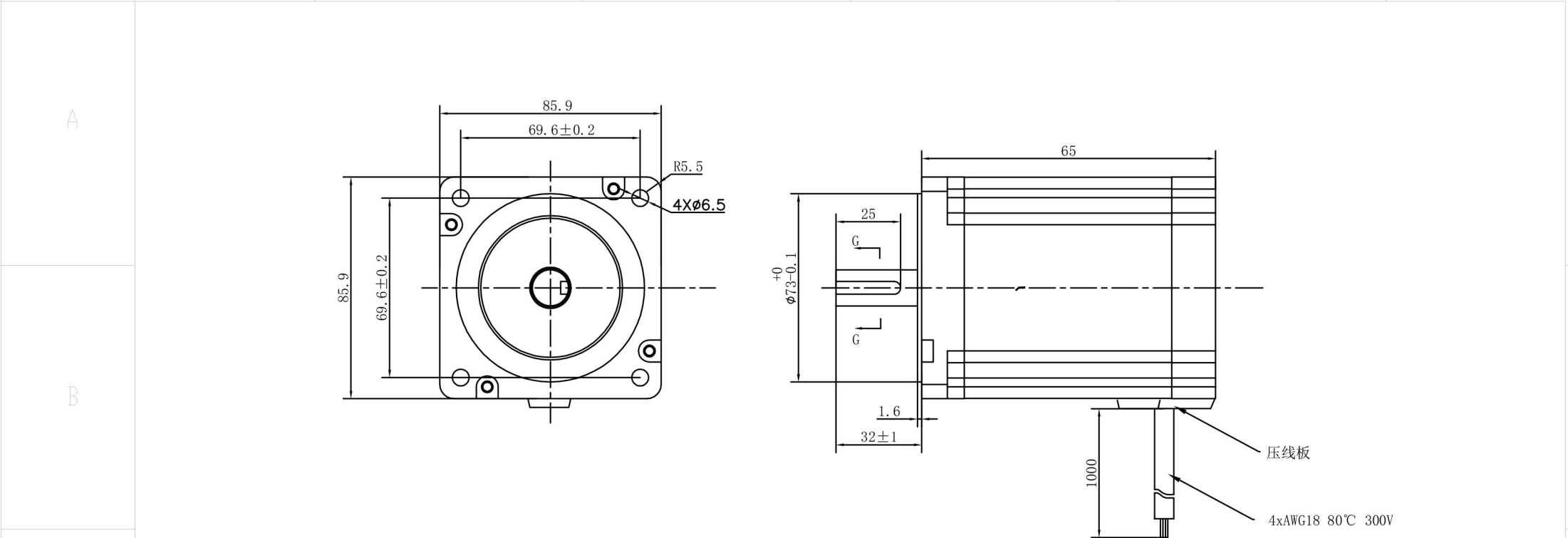
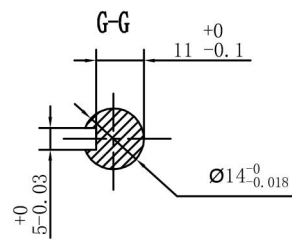


图 纸 编 码 物 料 代 码 12 版 本 Rev A1.0 变 更 内 容 Revision Record 初 次 发 放 签 字 The signature 日 期 Date 2023.10.13	Phase	2	Temperature Rise	Below 80K
	Step Angle	1.8°	Insulation Withstand Voltage	500VAC
	Step Angle Error (No Load)	±0.09° or below	Insulation Resistance	Above 100 MΩ
	Voltage	2.04 V	Insulation Class	B
	Current	4.0 A	Operating Temperature Range	-20°C~+50°C
	Resistance (Phase)	0.34 Ω±10%	Operating Humidity Range	20%RH~90%RH
	Inductance (Phase)	1.72 mH±20%	Storage Temperature Range	-20°C~+70°C
	Holding Torque	3.3 N.m	Storage Humidity Range	15%RH~95%RH
			Rated Operating Status	Continuous
			Lifetime (Hours)	Above 5000H



Wire Color and Connection Diagram of the Motor

Black A
Green A
Red B
Blue B

Note: The color and order of the motor leads are subject to the actual object.

Excitation Sequence (2-Phase Excitation)

CW	Step	A	B	A-	B-
1	+	+	-	-	-
2	-	+	+	-	-
3	-	-	+	+	-
4	+	-	-	+	+

Initial Direction: Follow the excitation sequence in the table, observing the clockwise direction from the mounting surface.

Label Content

Motor Model: MODEL SMH3401

Brand: HDB MOTOR

Rated Current: 4.0 A

Resistance: 0.34Ω

Inductance: 1.72 mH

Holding Torque: 3.3 N.m

2-PHASE 1.8°/STEP

MADE IN CHINA

客户签字确认					视图方式:		SMH3401 TWO-PHASE HYBRID STEPPER MOTOR  汉德保电机 WWW.HDBMOTORS.COM
标记	处数	更改文件号	签名	年 月 日			
设计			标准化		比例		
校核			工艺				
审核			批准				
图样标记	H			共 1 张 第 1 张			