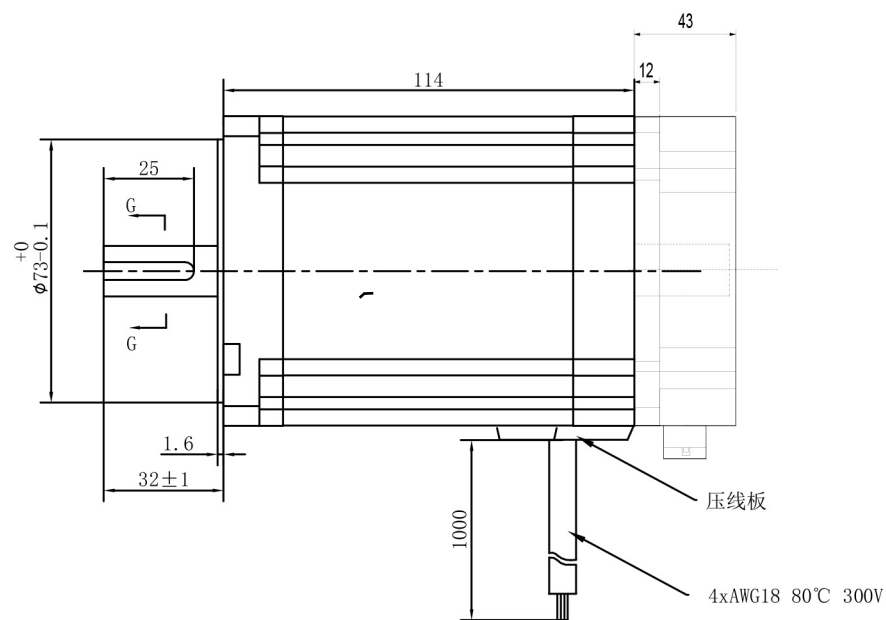
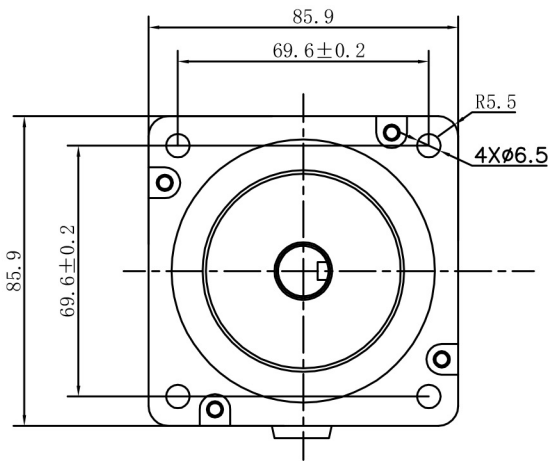


Brake Lead Colors and Wiring Diagram

Red A
24VDC
Black A

Note: The lead colors and wiring order are subject to the actual object.

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	2.7 V	Insulation Class	B
Current	6.0 A	Operating Temperature Range	-20°C~+50°C
Resistance (Phase)	0.45 Ω±10%	Operating Humidity Range	20%RH~90%RH
Inductance (Phase)	3.9 mH±20%	Storage Temperature Range	-20°C~+70°C
Holding Torque	8.8 N.m	Storage Humidity Range	15%RH~95%RH
		Rated Operating Status	Continuous
		Lifetime (Hours)	Above 5000H

变更内容
Revision Record

初次发放

签字The signature

日期 Date
2023.10.13

Wire Color and Connection Diagram of the Motor

Black A
Green A
B Red
B Blue

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

Brand

Rated Current

Resistance

Inductance

MODEL SMB3403

STEPPING MOTOR 2-PHASE 1.8°/STEP

8.8 N.m

6.0 A

0.45Ω

HANDBRING MOTOR CO., LTD.

MADE IN CHINA

客户签字确认							视图方式:		SMB3403 BIPOLAR BRAKE STEPPER MOTOR
标记	处数	更改文件号	签名	年月日			比例		
设计		标准化							
校核		工艺							
审核		批准							
图样标记	H					共 1 张 第 1 张			