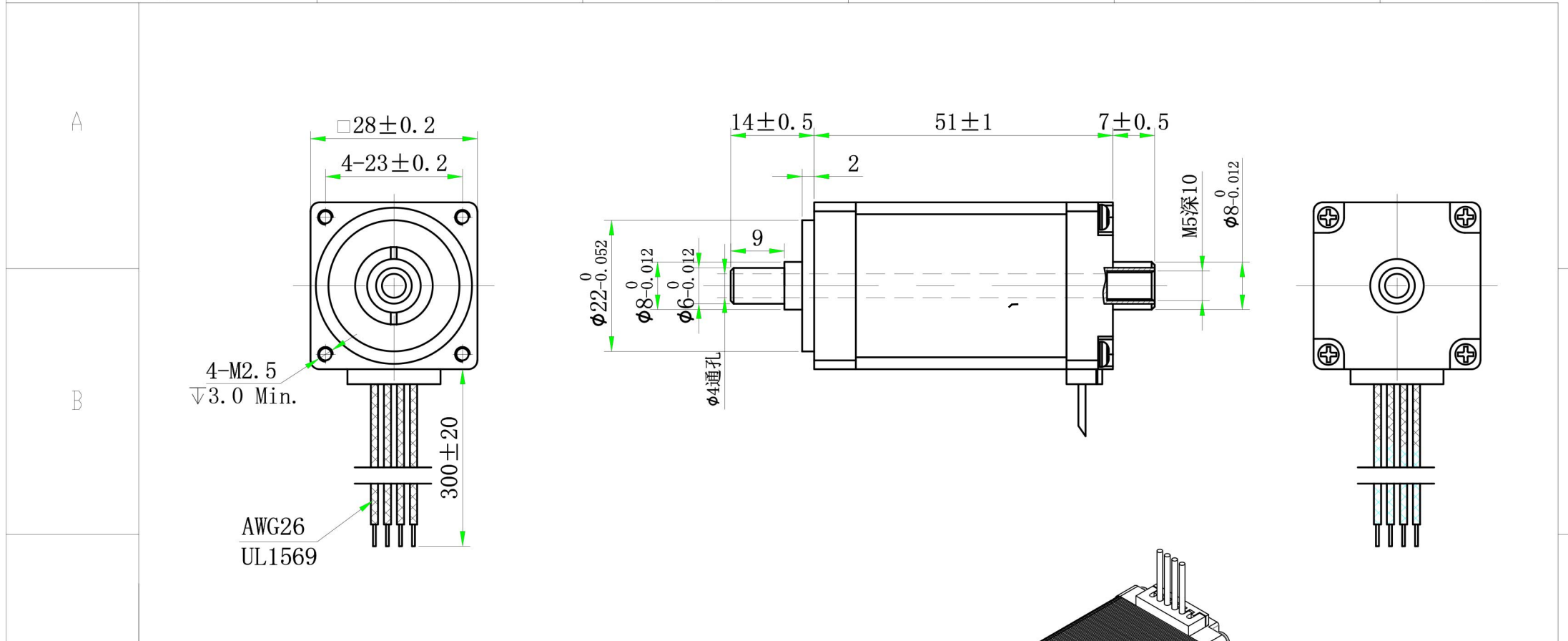




图纸编码 MS11-0020 物料代码 MS. 07-11A4-050A-03 版本 Rev A1.1	Phase	2	Rated Operating Status	Continuous
	Step Angle	1.8°	Lifetime (Hours)	Above 5000H
	Step Angle Error (No Load)	±0.09° or below	Temperature Rise	Below 80K
	Current	0.67 A	Insulation Withstand Voltage	500V A.C
变更内容 Revision Record 初次发放 签字The signature	Resistance (Phase)	4.73 Ω±10%	Insulation Resistance	Above 100 MΩ
	Inductance (Phase)	5 mH±20%	Insulation Class	B
	Holding Torque	0.1 N.m	Operating Temperature Range	0° C~+50° C
	Rotor Inertia	≈18 g.cm²	Operating Humidity Range	20%RH~90%RH
日期 Date 2025. 08. 25	Weight	≈0.18 KG	Storage Temperature Range	-20° C~+70° C
	Radial Runout	0.025 MM (Load 450g)	Storage Humidity Range	15%RH~95%RH
	Axial Runout	0.075 MM (Load 920g)		

Wire Color and Connection Diagram of the Motor

Red A-2
Brown A-4
B-3
Yellow B-5
Orange

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

Step Angle Brand Motor Model

Model: SMK1102

1.8°/Step 0.89 Amps

Production Information Rated Current

SN161216PH026

客户签字确认

标记	处数	更改文件号	签名	年月日
设计		标准化		
校核		工艺		
审核		批准		
图样标记	H		共 1 张	第 1 张

视图方式:

比例 1:1

SMK1102
TWO-PHASE HOLLOW
SHAFT STEPPER MOTOR

HDB MOTOR 汉德保电机
WWW.HDBMOTORS.COM