



图纸编码	Phase	2	Temperature Rise	Below 80K
	Step Angle	1.8°	Insulation Withstand Voltage	500V A.C
	Step Angle Error (No Load)	±0.09° or below	Insulation Resistance	Above 100 MΩ
	Rated Voltage	2.4 V	Insulation Class	B
	Rated Current	5.0 A	Operating Temperature Range	-20°C~+50°C
	Resistance (Phase)	0.47 Ω±10%	Operating Humidity Range	20%RH~90%RH
	Inductance (Phase)	1.7 mH±20%	Storage Temperature Range	-20°C~+70°C
	Holding Torque	3.0 N.m	Storage Humidity Range	15%RH~95%RH
	Weight	≈1.35kg		
	Rated Operating Status	Continuous		
物料代码	Lifetime (Hours)	Above 5000H		
版本 Rev				
A1.0				

变更内容	Wire Color and Connection Diagram of the Motor	Excitation Sequence (2-Phase Excitation)	Label Content																																	
Revision Record	<div>Black A</div> <div>Green A</div> <div>B</div> <div>Red</div> <div>Blue</div>	<table><tr><td>CW</td><td>Step</td><td>A</td><td>B</td><td>A-</td><td>B-</td><td></td></tr><tr><td></td><td>1</td><td>+</td><td>+</td><td>-</td><td>-</td><td rowspan="4">▲</td></tr><tr><td></td><td>2</td><td>-</td><td>+</td><td>+</td><td>-</td></tr><tr><td></td><td>3</td><td>-</td><td>-</td><td>+</td><td>+</td></tr><tr><td>▼</td><td>4</td><td>+</td><td>-</td><td>-</td><td>+</td><td>CCW</td></tr></table>	CW	Step	A	B	A-	B-			1	+	+	-	-	▲		2	-	+	+	-		3	-	-	+	+	▼	4	+	-	-	+	CCW	<div>Motor Model</div> <div>MODEL SMB2404</div> <div>Brand</div> <div>STEPPING MOTOR 2-PHASE 1.8°/STEP</div> <div>Rated Current</div> <div>5.0 A</div> <div>3.0 N.m</div> <div>Resistance</div> <div>0.47 Ω</div> <div>1.7 mH</div> <div>Holding Torque</div> <div>HANDEBERG MOTOR CO., LTD</div> <div>MADE IN CHINA</div> <div>Inductance</div>
CW	Step	A	B	A-	B-																															
	1	+	+	-	-	▲																														
	2	-	+	+	-																															
	3	-	-	+	+																															
▼	4	+	-	-	+		CCW																													
初次发放	Note: The color and order of the motor leads are subject to the actual object.																																			
签字The signature	Initial Direction: Follow the excitation sequence in the table, observing the clockwise direction from the mounting surface.																																			
日期 Date	2023.06.07																																			

Brake Lead Colors and Wiring Diagram
Red A 24VDC Black A
Note: The lead colors and wiring order are subject to the actual object.

客户签字确认	标记	处数	更改文件号	签名	年月日	视图方式:	SMB2404 TWO-PHASE HYBRID STEPPER MOTOR
	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		



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