



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	0.6 A	Insulation Withstand Voltage	500V A.C
Resistance (Phase)	9.1 Ω±10%	Insulation Resistance	Above 100 MΩ
Inductance (Phase)	7.3 mH±20%	Insulation Class	B
Holding Torque	0.08 N.m	Operating Temperature Range	0° C~+50° C
Rotor Inertia	≈ 11 g.cm <sup>2</sup>	Operating Humidity Range	20%RH~90%RH
Weight	≈ 0.11 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)		

变更内容 Revision Record	Wire Color and Connection Diagram of the Motor	Excitation Sequence (2-Phase Excitation)	Label Content
初次发放			
签字The signature	Note: The color and order of the motor leads are subject to the actual object.	Initial Direction: Follow the excitation sequence in the table, observing the clockwise direction from the mounting surface.	
日期 Date	2023.10.23		

客户签字确认				视图方式:		SM1401	
标记	处数	更改文件号	签名	年月日		TWO-PHASE HYBRID STEPPER MOTOR	
设计		19.06.28	标准化		比例	1:1	
校核			工艺		汉德保电机 WWW.HDBMOTORS.COM		
审核		19.06.28	批准	19.06.28			
图样标记	H				共 1 张 第 1 张		