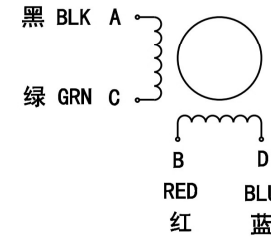


接线图
Wiring Diagram



励磁顺序VS. 旋转方向
Exciting Sequence vs. Direction of Rotation

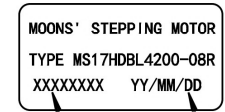
STEP	A	B	C	D	CCW
1	+	+	-	-	↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从安装面看为顺时针方向
Clockwise view from mounting side

编码器 Encoder detail
型号 (Model): HN103-36B10
分辨率: 1000线

COLOR	WHT (白)	BLU (蓝)	GRN (绿)	ORG (橙)
SIGNAL	CH Z-	CH Z+	CH B-	CH B+
COLOR	YEL (黄)	BRN (棕)	RED (红)	BLK (黑)
SIGNAL	CH A-	CH A+	+Vcc	GND

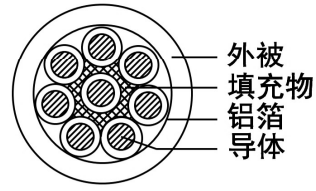
铭牌 Label Detail



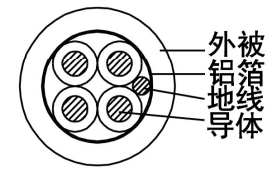
Work Order 加工单号
Date Format 日期格式

规格 Specifications	
1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	2.98 V DC
4. 额定电流 Rated Current	2 Amp
5. 保持力矩 Holding Torque	0.83 Nm Typ. (Two phase on/rated current)
6. 相电阻 Phase Resistance	1.49 ohm ±15% (20°C)
7. 相电感 Phase Inductance	3.8 mH ±20% (1kHz 1V rms)
8. 转子惯量 Rotor Inertia	123 gcm ²
9. 电机重量 Motor Weight	0.63 kg
10. 绝缘等级 Insulation Class	B (130°C)

编码器电缆线断面



电机电缆线断面



REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Type: MS17HDBL4200-08R	Rev. A1	SCALE 1:1	Sheet 1 of 1	
A1	ECR:21-1819 (无变更)	2021.11.24	Unit:mm 第一角画法 First angle method 未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications GB/T 1804-m eqv ISO 2768-1:m 未注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2:K	批准 Approve			Hybrid Stepping Motor Shanghai Moons' Electric Co., Ltd. This document is released for information only. Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners.				
A0	原始版本 Original revision	2021.08.05		标准化 Standardize							
				工艺 Process Review							
				审核 Check							
				设计 Design							