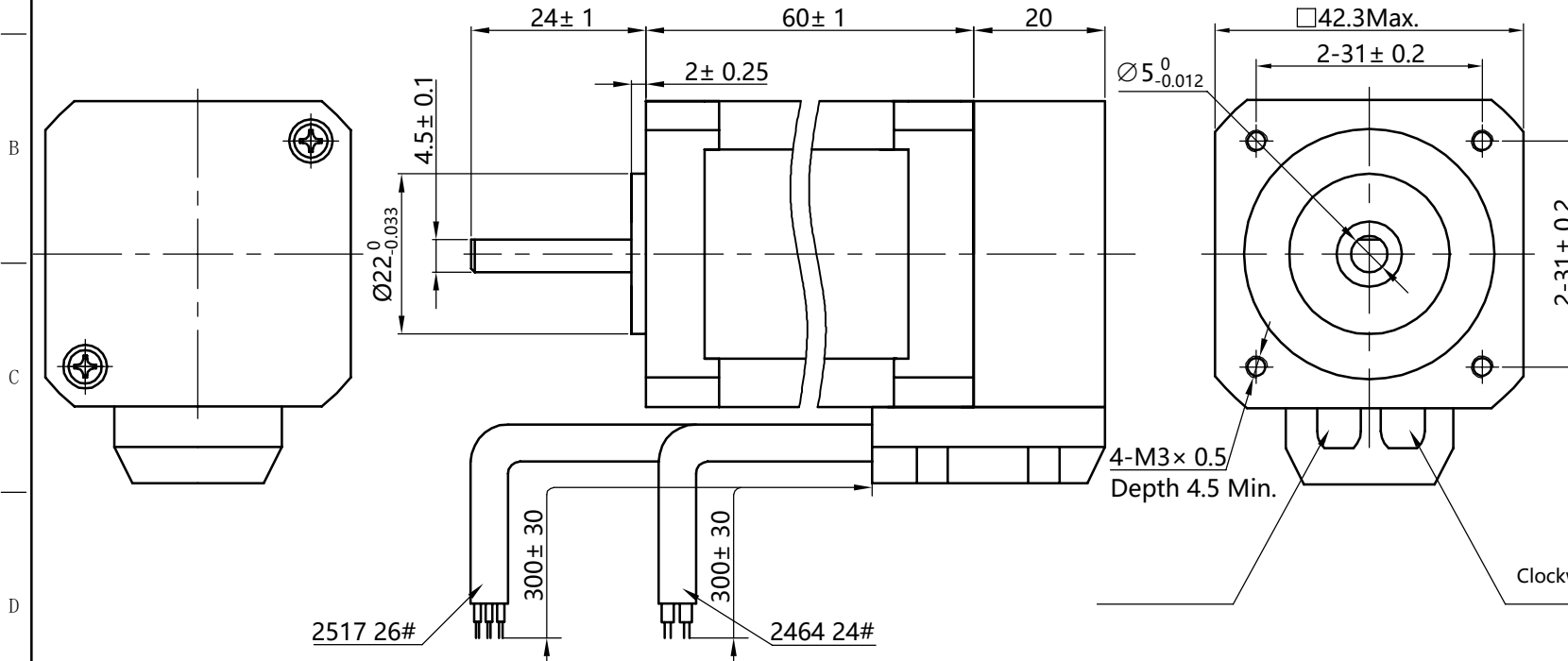
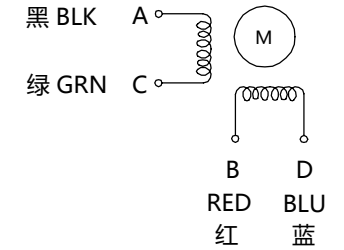


HYBRID STEPPING MOTOR SPECIFICATION

(DIMENSIONS) unit=mm



Wiring Diagram



Exciting Sequence vs. Direction of Rotation

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

Clockwise view from mounting side

Encoder Wiring Diagram:

EA+	Encoder A phase input+	BLACK 黑
EA-	Encoder A phase input-	BLUE 蓝
EB+	Encoder B phase input+	YELLOW 黄
EB-	Encoder B phase input-	GREEN 绿
Vcc	Encoder Voltage(+5V)	RED 红
EGND	Encoder Grand(0V)	WHITE 白

1、相数 Number of Phase	2	resolution:1000PPR	版本 REV.	REVISION RECORD	日期 DATE
2、步距角 Step Angle	1.8° deg.		设计 DESIGN	CZR 2026.02.25	WWW.KALATEC.COM.BR
3、额定电压 Rated Voltage	5.1 V		标准化 STANDARD		
4、额定电流/相 Rated Current/Phase	1.7 A (峰值 Peak Value)		工艺 TECHNOLOGY		
5、相电阻 Phase Resistance	3.0 Ω ± 10%(20°C)		审核 CHECK		
6、相电感 Phase Inductance	6.2mH ± 20%(1kHz 1V RMS)		批准 APPROVE		
7、保持力矩 Holding Torque	7.3 kg.cm				
8、绝缘等级 Insulation Class	B (130°) ;温升 80K Max.				
9、重量 Weight	0.55 kg				
Specifications		Comment			

TITLE	STEPPING MOTOR				
DWG.NO.	KTC-42HS60-EC1000				
MATERIAL				SIZE	A4
REV.	A	比例 SCALE	1:1	页 SHEET	1 of 1