

图号/DWG NO.
42HS34-D0524-009

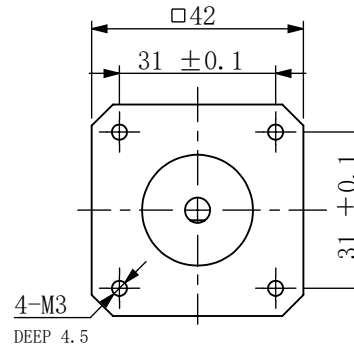
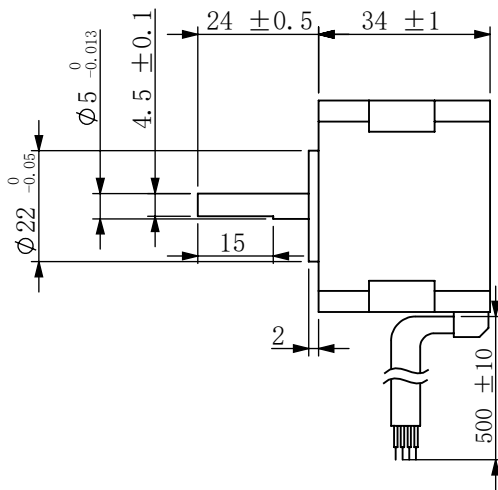


Diagram of a four-wire motor. The motor is represented by a circle with the letter 'M' inside. Four wires extend from the motor: two on the left and two on the bottom. The left wires are labeled 'A+' (red) and 'A-' (blue). The bottom wires are labeled 'B+' (green) and 'B-' (black).

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	1.92V
额定电流/RATED CURRENT	1.5A
电 阻/RESISTANCE	1.28ohm±10% AT25℃
电 感/INDUCTANCE	1.89mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	0.2N.m
运行力矩/(AT —PPS) RUNNING TORQUE(AT —PPS)	——以上/MIN (——V.DC, ——A/相(PHASE), ——相励磁/EX)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1分钟/MINUTE
绝缘电阻/INSULATION RESISTANCE	100MΩ 以上/MIN.
绝缘等级/INSULATION CLASS	CLASS B
温度上升/TEMPERATURE RISE	80K MAX.
转子惯量/ROTOR INERTIA	41g.cm ²
重 量/WEIGHT	约/APPROX. 230克/g
允许轴向负载/ALLOWABLE THRUST LOAD	3N
允许径向负载/ALLOWABLE RADIAL LOAD	20N(轴端/ON THE SHAFT END)
运行环境温度/OPERATION AMBIENT TEMP.	-20℃——+50℃
运行环境湿度/OPERATION AMBIENT HUM.	15%——90%

备注(NOTE):

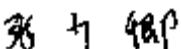

1. 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.
2. 热阻法: 电机安装在84*84*15的铝板上, 电机线圈两端通额定电压, OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84*84*15 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 2PHASE ON.
3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C
LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

励磁顺序(2相励磁)VS. 旋转方向
EXCITING SEQUENCE(TWO PHESES)
VS. DIRECTION OF ROTATION

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

从安装面看为顺时针方向
CLOCKWISE VIEW FROM MOUNTING SIDE

已受控

CONFIRMED&ACCEPTED BY CUSTOMER (客户确认&接受)									
COMPANY CHOP&SIGNATURE (盖章&签名)									
一般公差 TOLERANCE	±0.3/±3°	版本 REV.	年 月 日 DATE	变更番号 ECR NO.	变 更 内 容 REVISTONS	设计 BY	备注 NOTE	REV.	A
设计/DESIGNED		比例 SCALE		型 号/MODEL 42AM02					三维图 THIRD ANGLE PROJECTION 
审核/CHECKED		单位 UNIT	mm						
深圳锐特机电技术有限公司							页 SHEET	1/1	