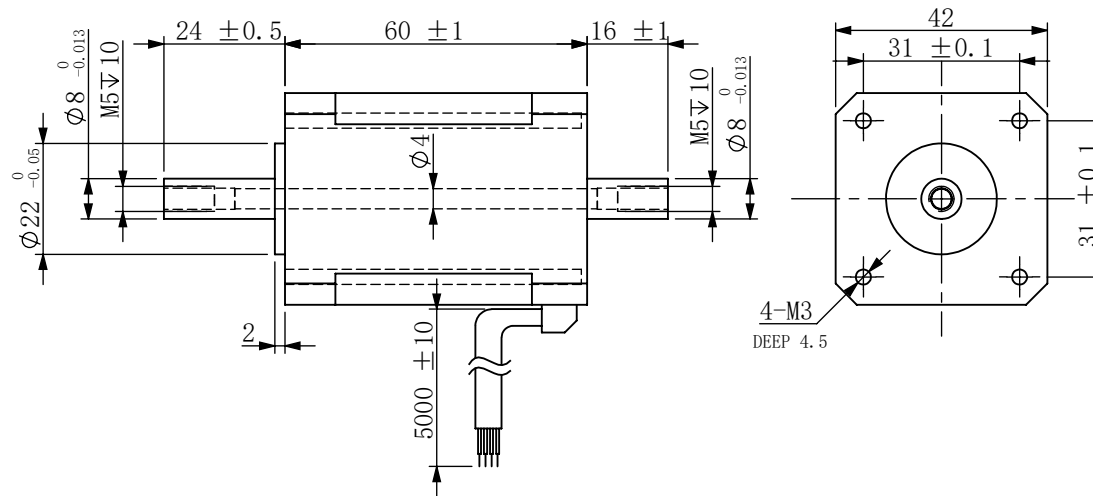


图号/DWG NO.  
42HS60-GC0824-013



红 A+  
RED

蓝 A-  
BLUE

B+ 绿  
GREEN

B- 黑  
BLACK

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

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


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

## 电机特性参数/ELECTRICAL PARAMETER

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	3.88V
额定电流/RATED CURRENT	2A
电 阻/RESISTANCE	1.94ohm±10%    AT25℃
电 感/INDUCTANCE	4.96mH±20%    AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	0.8N.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	114g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 483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%

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\*T5的铝板上, 电机线圈两端通额定电压, 0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, 0PPS, 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.

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 REVISIONS	设计 BY	备注 NOTE	REV.	A	
设计/DESIGNED				比例 SCALE		型 号/MODEL  42AM08-ZK-5M			三维图 THIRD ANGLE PROJECTION		
				单位 UNIT	mm						
审核/CHECKED				深圳锐特机电技术有限公司						页 SHEET	1/1