

图号/DWG NO.	57HT55-D0621-003
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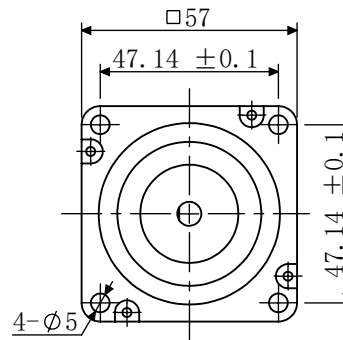
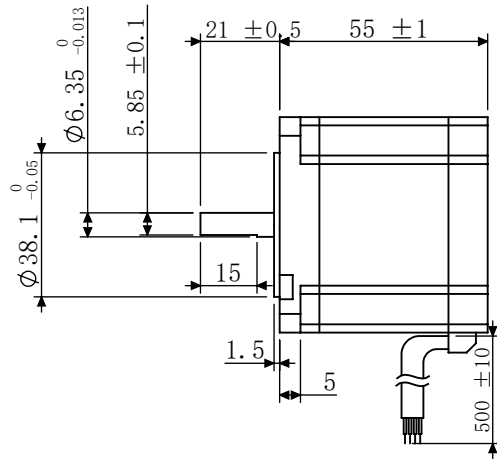


Diagram of a three-phase motor with a central magnet. The top winding is labeled "A+" and "RED". The bottom-left winding is labeled "A-" and "BLUE". The bottom-right winding is labeled "B+" and "GREEN". The central magnet is labeled "M".

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

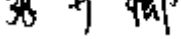

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	1.26V
额定电流/RATED CURRENT	3.0A
电 阻/RESISTANCE	0.47ohm±10% AT25℃
电 感/INDUCTANCE	1.53mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	1.3N.m
运行力矩/(AT —PPS) RUNNING TORQUE(AT —PPS)	——以上/MIN (——V. DC, ——A/相(PHASE), ——相励磁/EX)
绝缘耐压/DIELECTRIC STRENGTH	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	260g. cm ²
重 量/WEIGHT	约/APPROX. 730克/g
允许轴向负载/ALLOWABLE THRUST LOAD	5N
允许径向负载/ALLOWABLE RADIAL LOAD	25N(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%

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

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

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, OPSS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84*84*15
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 REVISTONS	设计 BY	备注 NOTE	REV.	A
设计/DESIGNED		比例 SCALE		型 号/MODEL 57AM13-6.35					 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							