

图号/DWG NO.
57HS80-D0830-021

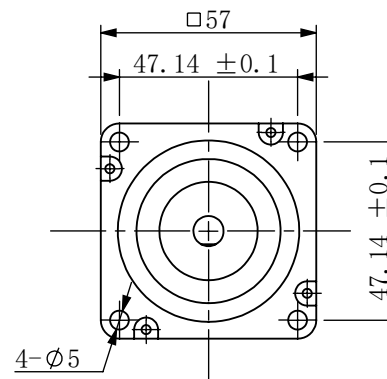
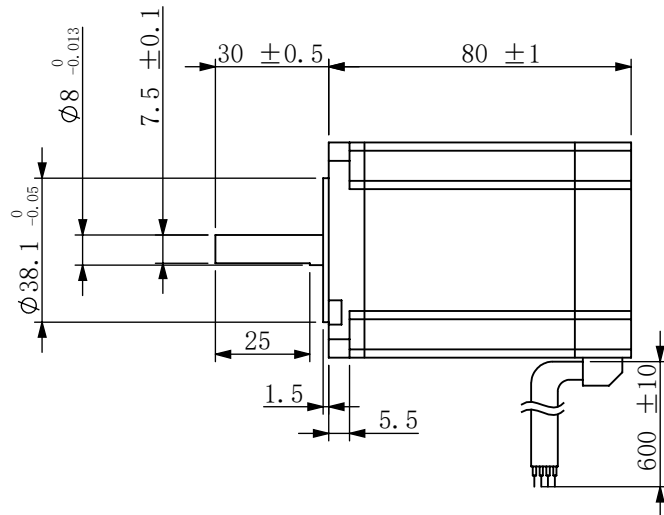


Diagram of a transformer with a central magnetic core and four windings. The top winding is labeled "A+" and "RED". The bottom winding is labeled "A-" and "BLUE". The left winding is labeled "B+" and "GREEN". The right winding is labeled "B-" and "BLACK". A circle with the letter "M" is in the center of the core.

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	1.64V
额定电流/RATED CURRENT	4.0A
电 阻/RESISTANCE	0.41ohm±10% AT25℃
电 感/INDUCTANCE	2.0mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	2.2N.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	460g.cm ²
重 量/WEIGHT	约/APPROX. 1113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%

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

The diagram shows a 4-step clockwise cycle. A vertical arrow on the left points downwards, labeled 'CW'. A vertical arrow on the right points upwards, labeled 'CCW'. In the center is a table with 4 rows and 5 columns. The columns are labeled 'STEP', 'A+', 'B+', 'A-', and 'B-'. The rows are numbered 1 to 4.

STEP	A+	B+	A-	B-
1	+	+	-	-
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 CUTOMER (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			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