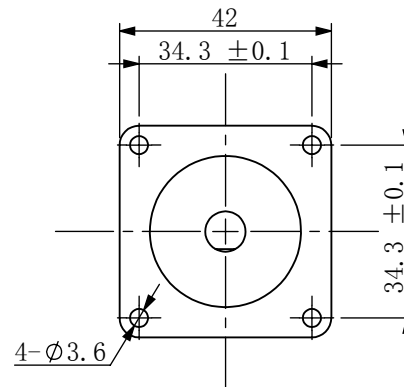
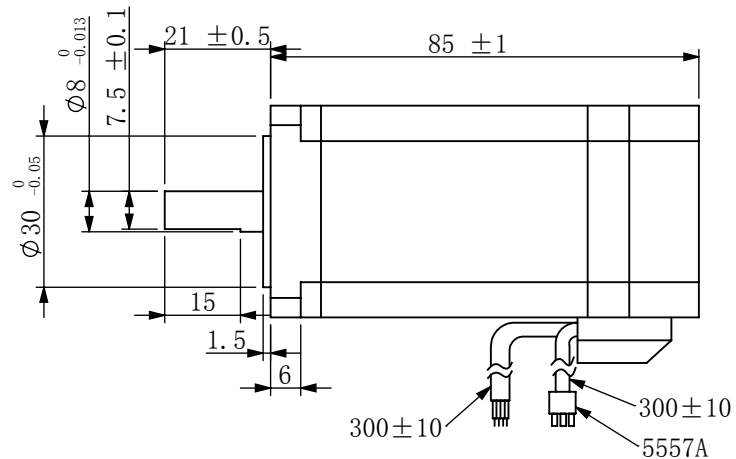


图号/DWG NO.



红 A+  
RED

黑 A-  
BLACK

B+  
黄  
YELLOW

B-  
蓝  
BLUE

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	7.56V
额定电流/RATED CURRENT	2.8A
电 阻/RESISTANCE	2.7ohm±10% AT25℃
电 感/INDUCTANCE	2.3mH±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	115g.cm <sup>2</sup>
重 量/WEIGHT	约/APPROX. 570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%
寿 命/LIFE	5000小时/HOURS

序号	2	5	1	4	3	6
定义	EB+	EB-	EA+	EA-	5V	GND
线色	绿	黄	棕	白	红	蓝


The diagram shows a four-bar linkage mechanism with four joints labeled 1, 2, 3, and 4. The joints are arranged in a rectangular loop. The joints are labeled with their types: 1 is a revolute joint (R), 2 is a revolute joint (R), 3 is a revolute joint (R), and 4 is a revolute joint (R). The joints are labeled with their types: 1 is a revolute joint (R), 2 is a revolute joint (R), 3 is a revolute joint (R), and 4 is a revolute joint (R).

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

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\*75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\*75  
AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPSS, 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  42A08EC				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