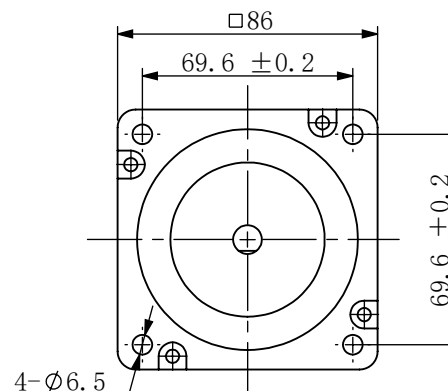
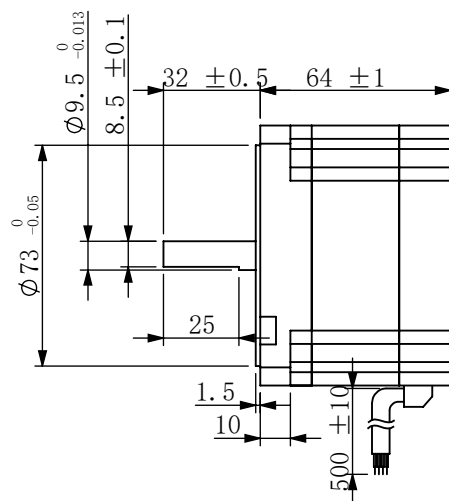


图号/DWG NO.	86HS64-D0932-011
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A schematic diagram of a 4-wire motor. It features a central circle labeled 'M' representing the motor. To the left of the motor, there are two terminals: the top one is labeled 'A+' with '红' (Red) above it, and the bottom one is labeled 'A-' with '蓝' (Blue) above it. To the right of the motor, there are two terminals: the top one is labeled 'B+' with '绿' (Green) above it, and the bottom one is labeled 'B-' with '黑' (Black) above it. The motor is connected to the terminals by four wires: two on the left and two on the right.

步 距 角/STEP ANGLE	1.8° ±5%
相 数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	3.24V
额定电流/RATED CURRENT	4.0A
电 阻/RESISTANCE	0.81ohm±10% AT25℃
电 感/INDUCTANCE	3.87mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	3.5N. 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	800g. cm ²
重 量/WEIGHT	约/APPROX. 1695克/g
允许轴向负载/ALLOWABLE THRUST LOAD	10N
允许径向负载/ALLOWABLE RADIAL LOAD	100N(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

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-
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
设计/DESIGNED			比例 SCALE		型 号/MODEL 86ST35			三维图 THIRD ANGL PROJECTION
审核/CHECKED			单位 UNIT	mm				
NINGBO SIMTACH AUTO TECH CO.,LTD				页 SHEET		1/1		