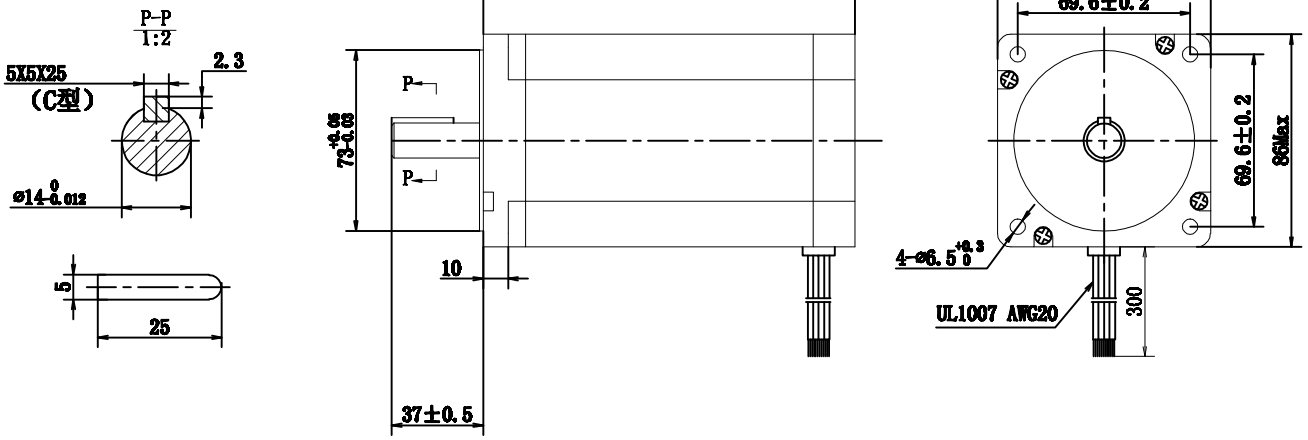


励磁顺序(2相励磁)VS.旋转方向

EXCITING SEQUENCE(TWO PHASES)VS. Diirection of Rotation

STEP	A	B	$\bar{A}$	$\bar{B}$
1	–	–		
2		–	–	
3			–	–
4	–			–

CW ↓ ↑ CCW

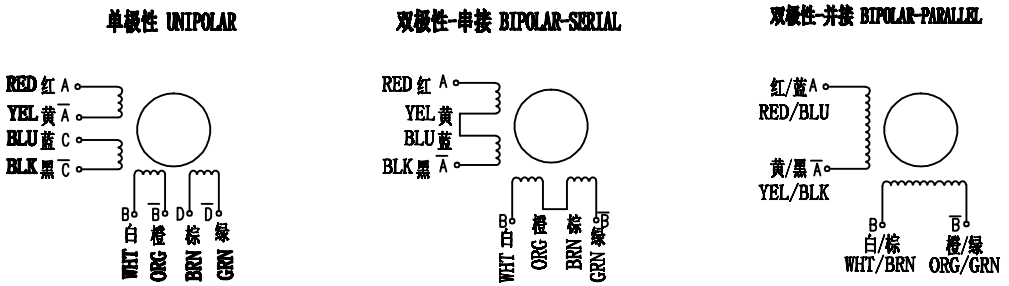
从安装面看为顺时针方向

Clockwise vise from mouting side

电气特性参数/ELECTRICAL PARAMETER

步 距 角/STEP ANGEL	1.8° ±5%		
相 数 /NO. OF PHASES	4		
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1 分钟/MINUTE		
绝缘电阻/INSULATION RESISTANCE	100 MΩ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	2.5 Kg.cm^2		
重 量 /WEIGHT	4.2 Kg		
电机环境温度/MOTOR AMBIENT TEMP.	-20℃---+50℃		
环境温度/AMBIENT HUM.	15%---90%		
接线种类/TYPE OF CONNCETION	单极性 UNIPOLAR	双极性-串接 BIPOLAR-SERIAL	双极性-并接 BIPOLAR-PARALLEL
电流/RATED CURRENT PER PHASE	6.0 A	4.2 A	8.4 A
电阻 /RESISTANCE PER PHASE	0.5 ±10%Ω	1.0 ±10%Ω	0.25±10%Ω
电感 /INDUCTANCE PER PHASE	3.5 ±20%mH	14 ±20%mH	3.5 ±20%mH
保持力矩/HOLDING TORQUE	8.5 N.m	11.9 N.m	11.9 N.m

接线图/WIRING DIAGRAM



备注/NOTE):

1. 额定电流，两相通电/AT RATED CURRENT,TWO PHASE ON.
2. 热阻法：电机安装在258*258*T5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 258*258*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE,OPPS,2PHASE ON.
3. 寿命测试条件：整步，运动速度为最大自启动频率，轴承的表面温度不超过70℃ LIFE TEST CONDITION:2PHASE EXCITING,FULL STEP ,AT MAX. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70℃ MAX.

CONFIRMED&ACCEPTED BY CUTOMER (客户确认&接受)						型号/MODEL	
COMPANY CHOP&SIGNATURE (盖章&签名)						34HS5806D14	
一般公差 TOLERANCE ±0.3/±3°	版本 REV.	日期 DATE	变 更 内 容 REVISION RECORD		设计 BY	备 注 NOTE	REV. A
设 计/DESIGNED	20170509	比 例 SCALE	1:2	SYS MOTOR		Hybird Stepping Motor	第一角画法 FIRST ANGLE METHOD
审 核/CHECKED		单位 UNIT	mm				
批 准/APPROVE							1 / 1