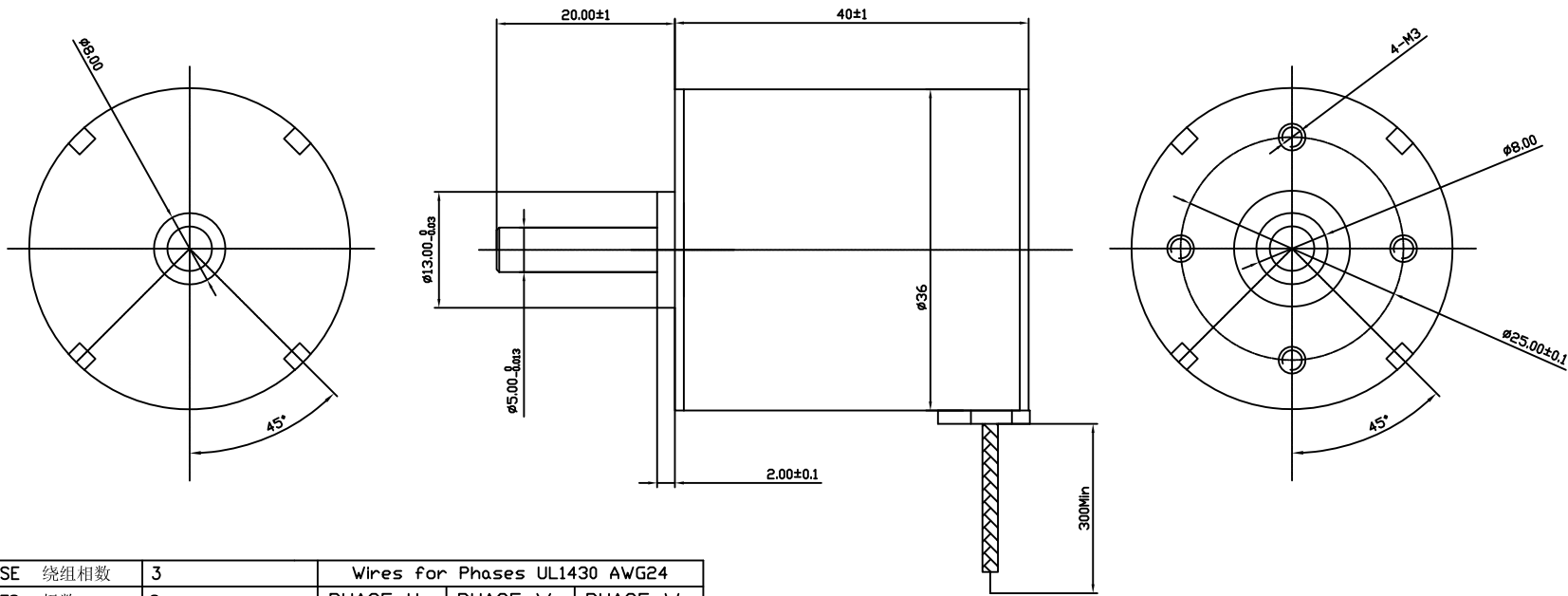


| REV | ECN NO. | DESCRIPTION |
|-----|---------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |



| | | | | | | | |
|-------------------------|--------|--|--------------------------------|---------|--------------------|-----|----------|
| NUMBER OF PHASE | 绕组相数 | 3 | Wires for Phases UL1430 AWG24 | | | | |
| NUMBER OF POLES | 极数 | 8 | PHASE U | PHASE V | PHASE W | | |
| LINE TO LINE RESISTANCE | 线电阻 | 2.2±10% ohms@20°C | GRN | RED | BLK | | |
| LINE TO LINE INDUCTANCE | 线电感 | 2.3±20% mH@1kHz | Wires for Hall UL1430 AWG26 | | | | |
| NOMINAL VOLTAGE | 额定电压 | 24 VDC | HALL Vc | Hu | Hv | Hw | HALL Gnd |
| NO LOAD SPEED | 空载转速 | 7400±10% RPM | YEL | BLU | ORG | BRN | WHT |
| NO LOAD CURRENT | 空载电流 | 0.13 A | PERMISSIBLE RADIAL+AXIAL FORCE | | | | |
| RATED TORQUE | 额定转矩 | 0.036 N.m | | | | | |
| RATED SPEED | 额定转速 | 4800 RPM | | | | | |
| RATED CURRENT | 额定电流 | 1.16 A | | | | | |
| PEAK TORQUE | 峰值转矩 | 0.18 N.m | | | | | |
| PEAK CURRENT | 峰值电流 | 3.48 A | | | | | |
| BACK EMF CONSTANT | 反电势常数 | 2.29 Vrms/kRPM | | | | | |
| TORQUE CONSTANT | 转矩常数 | 0.031 N.m/A | | | | | |
| INSULATION CLASS | 绝缘等级 | B 130°C | AXIAL-FORCE | 径向压力 | Fa=15 N Max. | | |
| DIELECTRIC STRENGTH | 介电强度 | 500VAC 1SEC | DISTANCE | 距离 | a=10 mm | | |
| INSULATION RESISTANCE | 绝缘电阻 | 100MΩ @ 500VDC | RADIAL-FORCE | 轴向压力 | Fr=10 N Max. | | |
| ROTOR INERTIA | 转子转动惯量 | 14 g.cm ² | SHAFT RADIAL PLAY | 径向间隙 | 0.02mm Max. @ 450g | | |
| WEIGHT | 重量 | 0.16 Kg | SHAFT AXIAL PLAY | 轴向间隙 | 0.08mm Max. @ 450g | | |
| OPERATION AMBIENT | 使用环境 | Ambient temperature: -20...+55°C, humidity Max. 85%(No condensation) | | | | | |
| STORAGE AMBIENT | 存储环境 | Ambient temperature: -10...+35°C, humidity Max. 85%(No condensation) | | | | | |

| | | | |
|---------------------------------------|------------------------|---------|-----------------------|
| DESIGN | DATE | P/N | 3.102.036.0013 |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | TITLE | Specifications |
| DECIMALS: .x ±0.5 | ANGULAR: ±0°30' | USED ON | FL36RBL S40-24V-4818A |
| .xx ±0.25 | | DWG NO. | |
| .xxx ±0.1 | | REV | A |
| UNIT: mm | FIRST ANGLE PROJECTION | SCALE | N.T.S |
| DO NOT SCALE DRAWING | | SHEET | 1 OF 1 |
| | | | FULLING MOTOR |