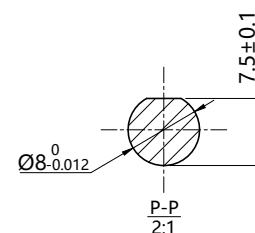
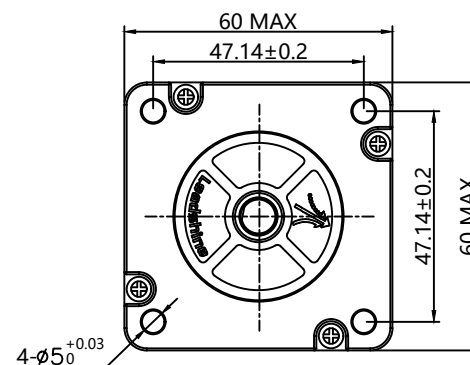
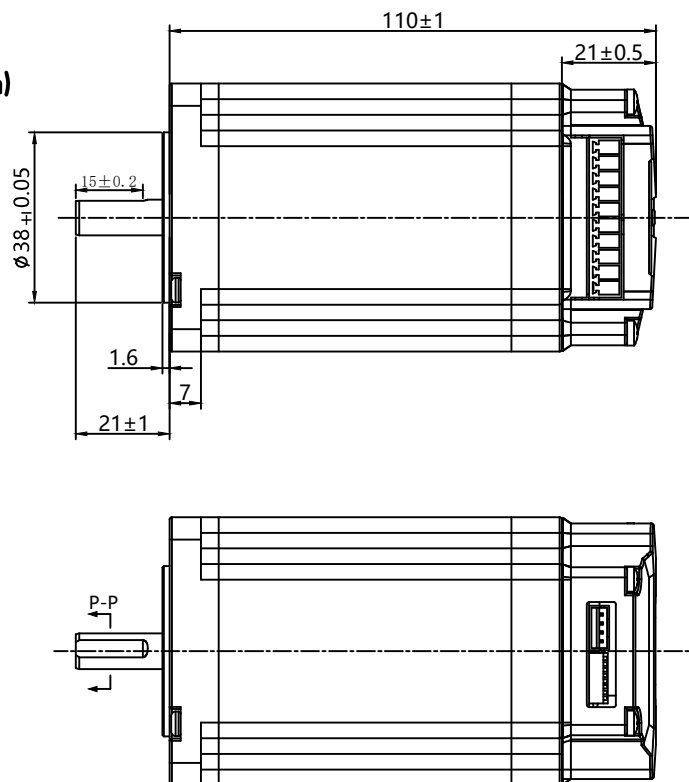


Dimension: (Unit: mm)



### Common Rating

|                       |                       |
|-----------------------|-----------------------|
| Step angle            | 1.8°                  |
| Position accuracy     | 1.8±0.09°             |
| Dielectric strength   | 500VAC 1min           |
| Insulation resistance | 100MΩhm(500VDC)       |
| Insulation class      | B                     |
| Temp rise(Max)        | 80K                   |
| Radial play           | Max.0.02mm(Load 450g) |
| Axial play            | Max.0.08mm(Load 900g) |

### Motor Specification:

|                          |                         |
|--------------------------|-------------------------|
| Current/phase            | 5 A                     |
| Voltage                  | 2.75 V                  |
| DC Resistance/phase ±10% | 0.55 Ω                  |
| Inductance/phase ±20%    | 2.2 mH                  |
| Holding torque           | 3.1 N·M                 |
| Inertia                  | 0.84 kg·cm <sup>2</sup> |
| Weight                   | 1.4 kg                  |

| 版本 Rev. | 日期 Date   | 变更文件号 ECN NO. | 变更内容 Revisions | 设计 By |
|---------|-----------|---------------|----------------|-------|
| V1.0    | 2023.5.10 |               | 初版             | 王洪松   |
|         |           |               |                |       |

|                  |              |                             |           |                                 |                                                            |
|------------------|--------------|-----------------------------|-----------|---------------------------------|------------------------------------------------------------|
| 设计<br>Designed   | 王洪松          | 日期<br>Date                  | 2023.5.10 | 材料<br>Material                  | 深圳市雷赛智能控制股份有限公司<br>SHENZHEN LEADSHINE TECHNOLOGY CO., LTD. |
| 审核<br>Checked    | 黄捷建          |                             | 2023.5.10 | 第一角画法<br>First Angle projection | 名称<br>Title                                                |
| 批准<br>Approved   | 黄捷建          |                             | 2023.5.10 | 版本/版次<br>A/01                   | Integrated stepper motor                                   |
| 零件编号<br>Part No. | LS-MT-01-07A | 共 1 页 第 1 页<br>Sheet 1 of 1 |           | 图号<br>DWG. NO.                  | iCS-2331-L                                                 |