

## 1.2°Size 110mm(42H) High Torque Hybrid Stepping Motor

### Technical Parameters

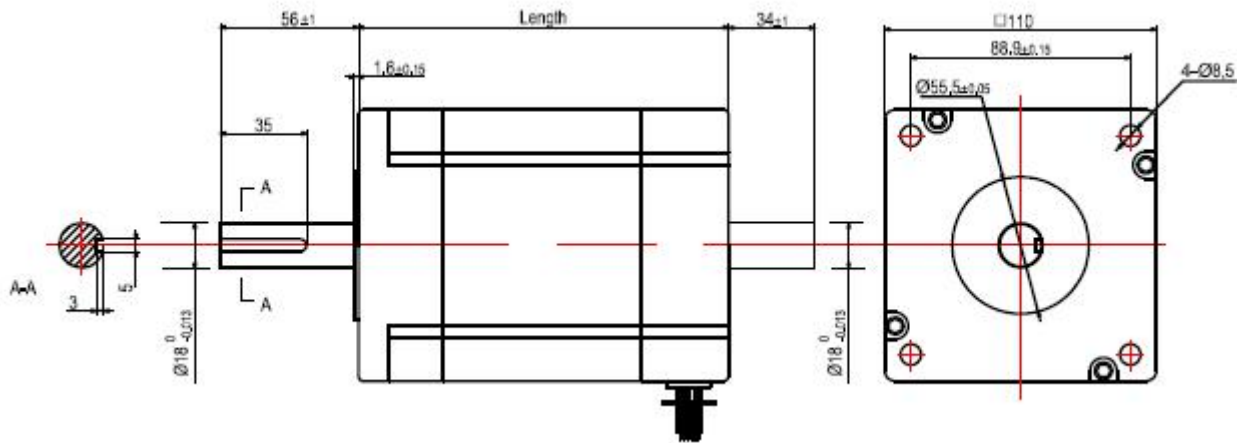
| Item                  | Specifications       |
|-----------------------|----------------------|
| Step Angle Accuracy   | ±5%                  |
| Resistance Accuracy   | ±10%                 |
| Inductance Accuracy   | ±20%                 |
| Temperature Rise      | 80℃ Max.             |
| Ambient Temperature   | -10℃ ~+50℃           |
| Insulation Resistance | 100MΩMin.500 VDC     |
| Dielectric Strength   | 500VAC               |
| Shaft Radial Play     | 0.06Max.(450 g-load) |
| Shaft Axial Play      | 0.08Max.(450 g-load) |
| Insulation Class      | Class B 130°         |



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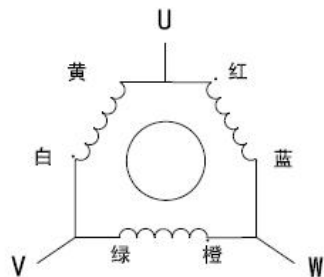
| Model No          | Holding torque | Current/Phase | Resistance/Phase | Step Angle | Rotor Inertia    | Weight | Length |
|-------------------|----------------|---------------|------------------|------------|------------------|--------|--------|
|                   | Nm             | A             | Ω                | °          | gcm <sup>2</sup> | kg     | mm     |
| 110BYGH3100-4006A | 13             | 4             | 1.0              | 1.2 °      | 5500             | 5      | 100    |
| 110BYGH3150-5006A | 22             | 5             | 1.4              | 1.2 °      | 11000            | 8.5    | 150    |
| 110BYGH3200-6006A | 28             | 6             | 2.0              | 1.2 °      | 15000            | 11.8   | 200    |

### Dimension



### Wiring Diagram

6 线



3 线

