

30BYJ Series

● Key Features

- Fast response frequency
- Abrasion resistant
- High and low temperature resistance



|                       |                             |
|-----------------------|-----------------------------|
| Step Angle Accuracy   | ±8%                         |
| Resistance Accuracy   | ±10%                        |
| Inductance Accuracy   | ±20%                        |
| Ambient Temperature   | -10°C ~ 50°C                |
| Insulation Resistance | 100 MΩ Min.(At 500VDC)      |
| Dielectric Strength   | RMS for 2 Sec(At 650±50VAC) |
| Insulation Class      | Class E                     |

● Specifications

| Model Number | Phase number | Voltage | Resistance | Start Frequency | Operating Frequency | Torque | Self-lock Thrust | Step Angle | Gear Ratio | Noise |
|--------------|--------------|---------|------------|-----------------|---------------------|--------|------------------|------------|------------|-------|
|              | Phase        |         |            |                 |                     |        |                  |            |            |       |
| 30BYJ46-10   | 2            | 12V     | 100        | ≥350            | ≥800                | ≥147   | ≥78.4            | 7.5°/85    | 1:85       | <40   |
| 30BYJ46-13   | 4            | 12V     | 130        | ≥350            | ≥800                | ≥78.4  | ≥39.2            | 7.5°/85    | 1:85       | <40   |
| 30BYJ46-20   | 4            | 12V     | 200        | ≥350            | ≥600                | ≥58.8  | ≥39.2            | 7.5°/85    | 1:85       | <40   |

● Typical Outline

