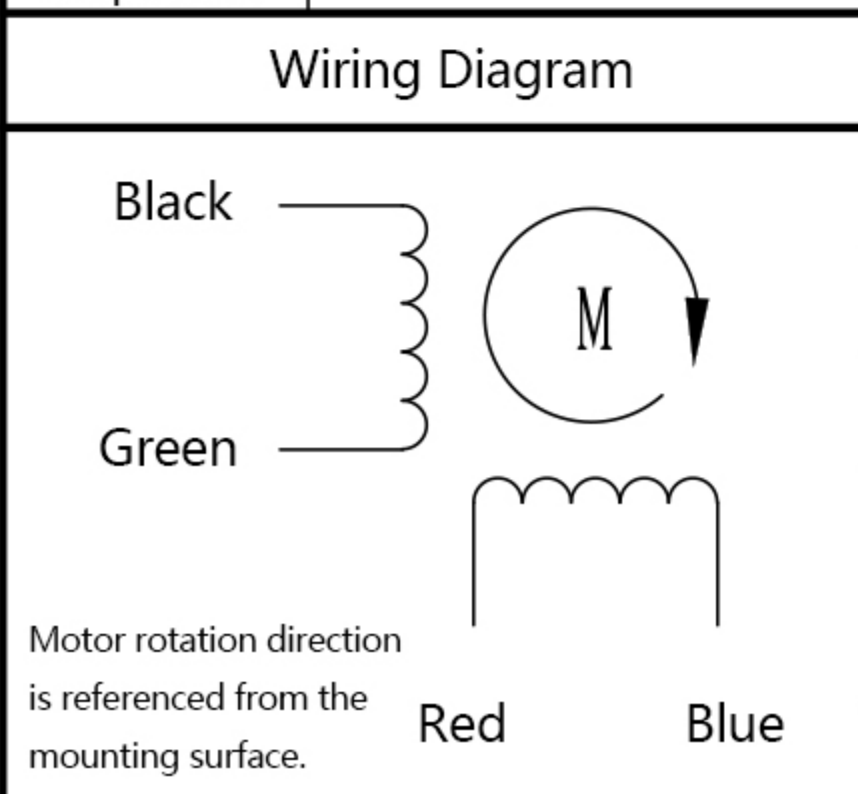


Gear parameters

m=0.4
z=14

| General Technical Specifications | | Electrical Parameters | |
|----------------------------------|---------------------|-----------------------|-------------|
| Step Angle | 1.8° ± 5% | Rated Voltage | 10V |
| Number of Phases | 2 | Rated Current | 0.5A |
| Insulation Resistance | 100MΩ (500V DC) | Phase Resistance | 10.4Ω ± 10% |
| Insulation Class | Class B | Phase Inductance | 5.5mH ± 20% |
| Rotor Inertia | 12g·cm ² | Holding Torque | 60mN·m |
| Motor Weight | 0.06kg | Detent Torque | 8mN·m |
| Operating Temperature | -20°C ~ +70°C | Lubricant | --- |



| Excitation sequence | | Limit deviation values for unspecified dimensions GB/T1804-2000 GB/T6403.4 | | | | | | | | |
|------------------------|----|--|---|------------------------------|---------|-------------------------------|----------|---|-------|------|
| Clockwise (CW) | → | | | Linear dimensions (medium m) | | Angular dimensions (medium C) | | Chamfers and rounded corners (medium m) | | |
| | A+ | + | | - | 0~3 | ±0.1 | 0~10 | ±1.5° | 0~3 | ±0.2 |
| A- | - | | + | >3~6 | ±0.1 | >10~50 | ±1° | >3~6 | ±0.5 | |
| B+ | | + | | - | >6~30 | ±0.2 | >50~120 | ±30' | >6~30 | ±1.0 |
| B- | | - | | + | >30~120 | ±0.3 | >120~400 | ±15' | >30 | ±2.0 |
| Counterclockwise (CCW) | ← | | | >120~400 | ±0.5 | >400 | ±10' | | | |

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|----|--|--|--|--|
| 设计 | | | | |
| 审核 | | | | |
| 批准 | | | | |

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|------------------------------------|--|--|--|
| 17HD563-10-14Z Stepper motor model | | | |
| FH3.162.078 | | | |

Precautions for use: 1. Do not pull or bend the motor's lead wires or PCB board. 2. Do not apply excessive force at the lead wire exit. 3. Do not throw or drop the motor with hard objects; avoid impact or collision. 4. Do not connect or disconnect the motor connector while the motor is powered on. 5. Do not reassemble the motor after it has been disassembled. 6. During the use of the motor, if any patent-related issues arise, our company does not provide any warranty. Please pay special attention. 7. The contents of the ten substances (Pb, Cr(VI+), Cd, Hg, PBB, PBDE, DIBP, DEHP, DBP, BBP) in this motor comply with RoHS requirements. Note: Items 1 and 2 in the original text appear to be incomplete (missing words like "pull" or "bend"). The translation above follows common safety practices for stepper motors. For precise compliance, please refer to the original Chinese document.

| | | | |
|----|----|-----|----|
| 比例 | 页数 | 1/1 | 版本 |
|----|----|-----|----|