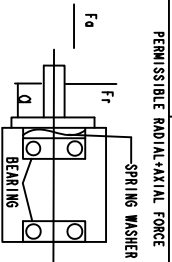
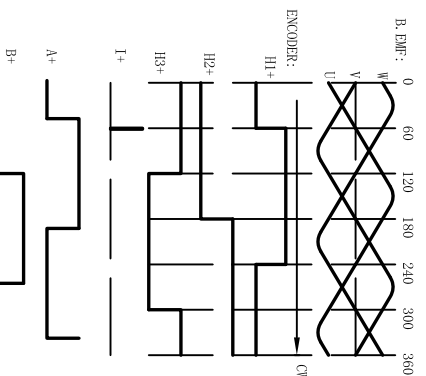


| | | | | | | |
|-------------------------|---|--------------------------------|---------|---------|---------|---------|
| NUMBER OF PHASE | 3 | Wires for phase | PHASE U | PHASE V | PHASE W | PE |
| NUMBER OF POLES | 8 | | YEL | RED | BLK | YEL/GRN |
| LINE TO LINE RESISTANCE | $0.56 \pm 10\%$ ohms@20°C | | | | | |
| LINE TO LINE INDUCTANCE | $1.2 \pm 20\%$ mH@1KHz | | | | | |
| NOMINAL VOLTAGE | 48 VDC | Feedback info | | | | |
| NO. LOAD SPEED | 5000±10% RPM | 2500p/rev Incremental encoder | | | | |
| NO. LOAD CURRENT | 0.8 A | | | | | |
| RATED TORQUE | 0.64N.m | PERMISSIBLE RADIAL+AXIAL FORCE | | | | |
| RATED SPEED | 3000 RPM | | | | | |
| RATED CURRENT | 6A | | | | | |
| PEAK TORQUE | 1.92N.m | | | | | |
| PEAK CURRENT | 18A | | | | | |
| BACK EMF CONSTANT | 6.5 Vrms/KRPM | | | | | |
| TORQUE CONSTANT | 0.107N.m/A | | | | | |
| INSULATION CLASS | B/130°C | AXIAL-FORCE | | | | |
| DIELECTRIC STRENG | 800VAC 1SEC | DISTANCE | | | | |
| INSULATION RESIST | 100MΩm @500VDC | RADIAL-FORCE | | | | |
| ROTOR INERTIA | 转子转动惯量 0.211g.cm ² | SHAFT RADIAL PLAY | | | | |
| WEIGHT | 重量 1.2kg | SHAFT AXIAL PLAY | | | | |
| 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) | | | | | |



Front shaft CW rotate
View to front shaft



Feedback Wire:

| Color | Pin | define | Color | Pin | define |
|--------|------|--------|--------|--------|--------|
| RED | pin1 | +5V | BLU/WH | pin9 | H3+ |
| BLK | pin2 | GND | ORG/WH | pin10 | H2+ |
| | pin3 | | YEL/WH | pin11 | I- |
| BRW/WH | pin4 | H+ | GRV/WH | pin12 | B- |
| BRW | pin5 | H1- | GRN | pin13 | A- |
| YEL | pin6 | I+ | BLU | pin14 | H3- |
| GRY | pin7 | B+ | ORG | pin15 | H2- |
| GRN/WH | pin8 | A+ | CASE | SHIELD | |

3015
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1811

DB 15M

| | | | | | |
|----------------------------|--------|-------------|--------|------|---------------|
| REV | ECN NO | DESCRIPTION | DESIGN | DATE | P/N |
| UNLESS OTHERWISE SPECIFIED | | | CHECK | | SPECIFICATION |
| TOLERANCES: | | | | | |
| DECIMALS: ANGULAR: | | | | | |
| .XX ±0.5 ±0.30° | | | APPD | | USED ON |
| .XXX ±0.1 | | | | | DWG NO. |
| UNIT: mm | | | SCALE | | REV |
| DO NOT SCALE DRAWING | | | SHEET | OF | FULLING MOTOR |