



| SPECIFICATION | VALUE |
|---|----------------|
| RATED VOLTAGE(VAC) | 220 |
| RATED POWER(W) | 1500 |
| RATED TORQUE(Nm) | 4.78 |
| PEAK TORQUE(Nm) | 14.34 |
| RATED SPEED(RPM) | 3000 |
| PEAK SPEED(RPM) | 6000 |
| RATED CURRENT(Amp) | 8.80 |
| PEAK CURRENT(Amp) | 15.65 |
| TORQUE CONST(Nm/Amp) | - |
| BACK EMF CONST(V/KRPM) | 38.85 |
| RESISTANCE(Ω) | 0.403 |
| INDUCTANCE(mH) | - |
| INERTIA(Kg·m ² ·10 ⁻⁴) | 2.58 |
| POLES | 10 |
| ENCODER TYPE | 17bit magnetic |
| IP RATING | IP67 |
| WEIGHT(KG) | - |

| | |
|---------------------------|---------|
| BRAKE RATED VOLTAGE(VDC) | 24 |
| BRAKE RATED POWER(W) | 17.6 |
| BRAKE HOLDING TORQUE(Nm) | 8 |
| BRAKE RATED RESISTANCE(Ω) | 32.7±7% |

| A C B D1 | WIRING DETAILS OF POWER CABLE CONNECTOR | | | | | | |
|-------------------|---|---|---|----|----|----|---|
| | PIN No. | A | B | C | D | 1 | 2 |
| DESCRIPTION | U | V | W | PE | BK | BK | |
| COLOR | - | - | - | - | -- | -- | |

| 1 2 4 5 6 9 10 | WIRING DETAILS OF ENCODER CABLE CONNECTOR | | | | | | | |
|----------------------------------|---|-------|-----|------|------|----|-------|----|
| | PIN No. | 1 | 2 | 4 | 5 | 6 | 9 | 10 |
| DESCRIPTION | DATA+ | DATA- | +5V | BAT+ | BAT- | 0V | SHELL | |
| COLOR | - | - | - | - | - | - | - | |

| THE PART NUMBER OF CABLE FOR A6M100-1500H2B1-M17 MOTOR | | |
|--|------------------|----|
| POWER CABLE | AS7-C-PWB062-3.0 | 3m |
| ENCODER CABLE | AS7-C-ENC072-3.0 | 3m |

STEPPERONLINE®

| | | | |
|-------|-----------|-----|-----------|
| | APVD | LJ | 4.17.2026 |
| | CHKD | | |
| 1:3 | DRN | LDJ | 3.16.2026 |
| SCALE | SIGNATURE | | DATE |

AC SERVO MOTOR

A6M100-1500H2B1-M17