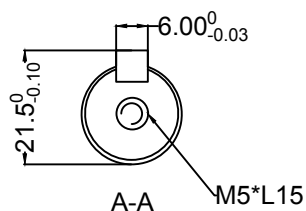
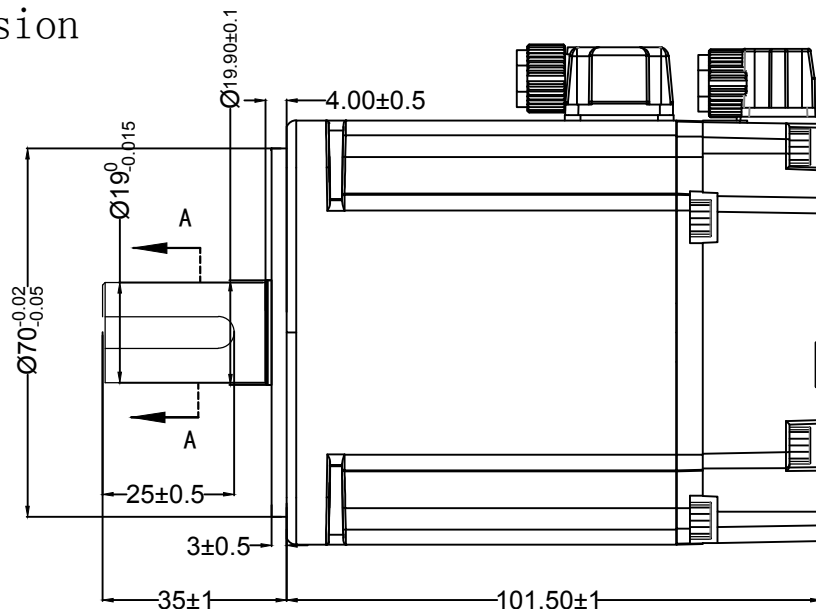


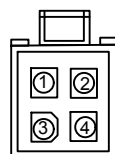
Dimension



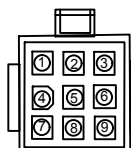
Specification

| | | | |
|--------------------------------|----------------|-------------------------|---|
| Rated Voltage | 48V | Line-line Resistance | 0.18Ω |
| Rated Power | 750W | Phase Q-axis Inductance | 0.26mh |
| Rated Current | 15A | Phase D-axis Inductance | 0.22mh |
| Rated RPM | 3000rpm | Pole-pairs | 5 |
| Rated Torque | 2.39N.m | Encoder | 17bit |
| Peak RPM | 3500rpm | Rotor Inertia | 1.56X10 ⁻⁴ Kg.m ² |
| Max Momentary Current | 35A | Withstand Voltage | 1500V 5s |
| Max Momentary Torque | 8.36N.m | Insulation Resistance | 500V ≥20MΩ |
| Torque Coefficient | 0.16 | Protection grade | IP65 |
| Counter electromotive force(U) | 9.5(V/1000r/m) | Motor Insulation Class | F |
| Ambient Temperature | -20℃-50℃ | Weight | 2.08kg |

Wiring Diagram

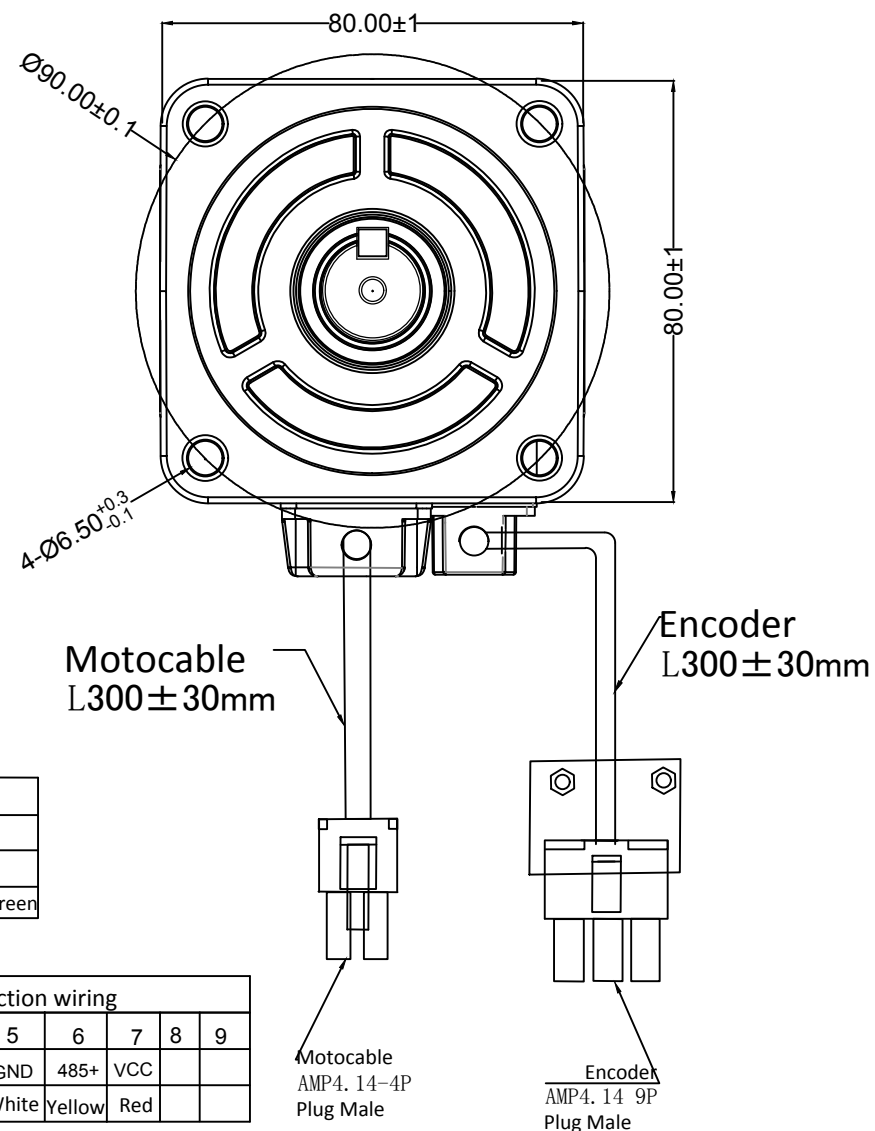


| Motocable connection | | | |
|----------------------|--------|------|--------------|
| 1 | 2 | 3 | 4 |
| U | V | W | PE |
| Red | Yellow | Blue | Yellow/Green |



| Encoder connection wiring | | | | | | | | |
|---------------------------|---|---|-------|-------|--------|-----|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PE | | | 485- | GND | 485+ | VCC | | |
| shielded wire | | | Green | White | Yellow | Red | | |

| | | | |
|-----|-----|-------|-----------|
| | | | |
| | | | |
| 标记 | 处数 | 更改文件号 | 签字 日期 |
| 设 计 | 日 期 | | 2024-5-21 |
| 审 核 | 日 期 | | |
| 校 核 | 日 期 | | |
| 批 准 | 日 期 | | |



| | | | | | |
|-----------------------------|--|--------------|--|------------------|-----|
| | | 图 样 标 记 | | 重 量 | 比 例 |
| | | | | | |
| | | 版本号 | | 第 张 共 张 | |
| 80BLSF-H07530-007-Z0.3(FJS) | | 常州富山智能科技有限公司 | | | |