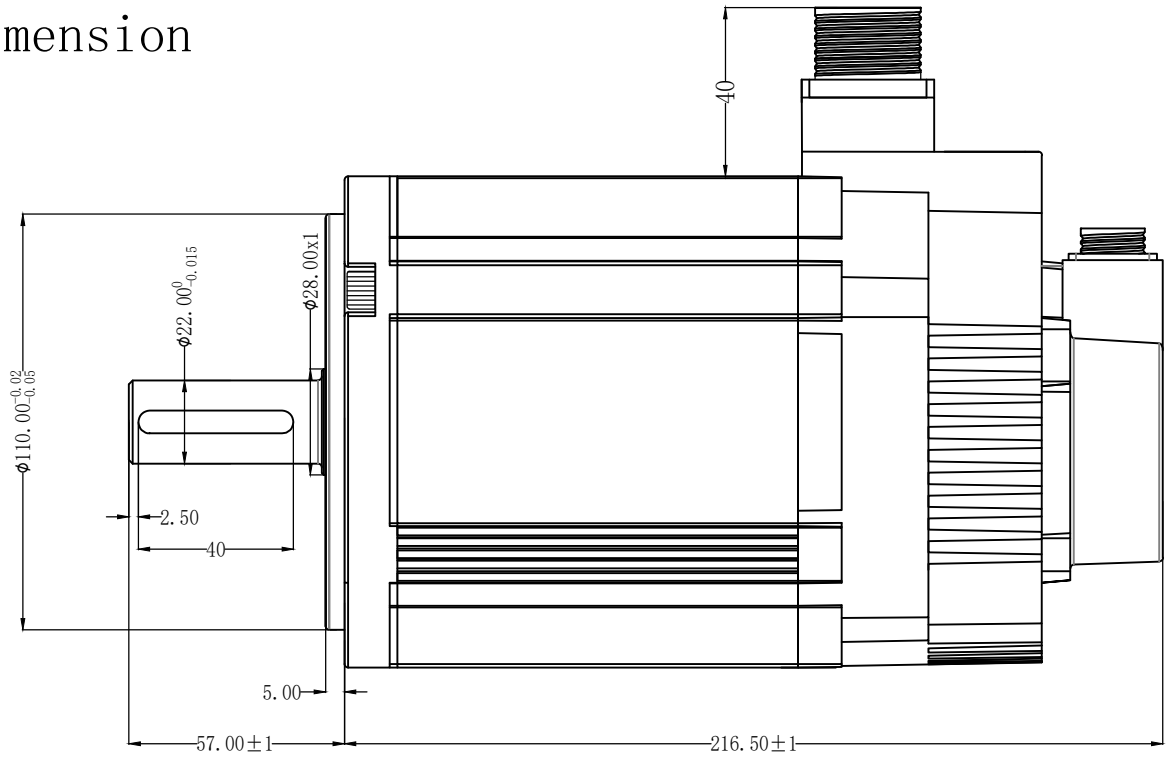
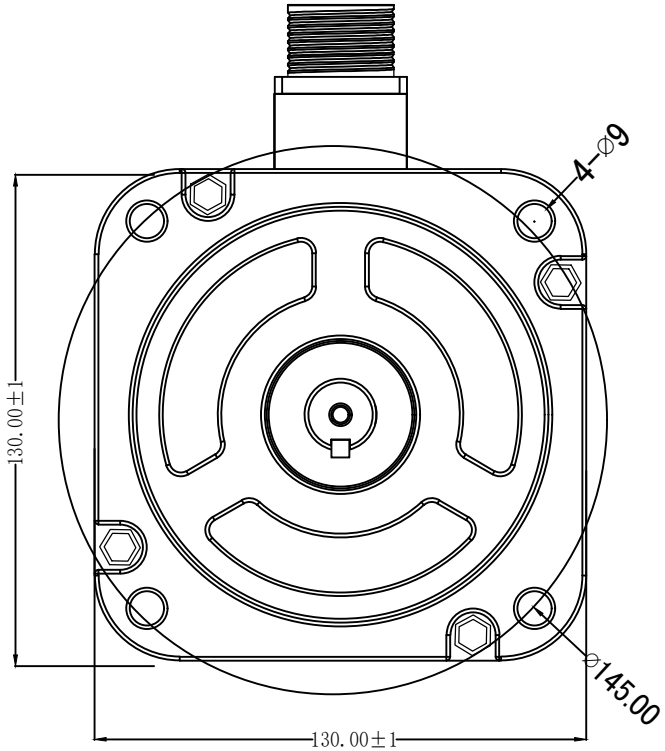
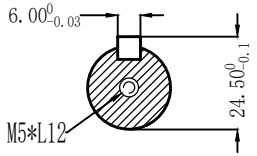
# Dimension




# Specification

| | | | |
|---|---|---|---|
| Rated Voltage | 220V | Line-line Resistance | 1.14Ω |
| Rated Power | 2000W | Phase Inductance | 6.98mh |
| Rated Current | 7.5A | Electrical time constant | 6.12MS |
| Rated RPM | 2500rpm | Pole-pairs | 5 |
| Rated Torque | 7.7N.m | Encoder | 17bit |
| Peak RPM | 3000rpm | Rotor Inertia | $2.3X10^{-3}Kg.m^2$ |
| Max Momentary Current | 18.75A | Withstand Voltage | 1500V 5s |
| Max Momentary Torque | 19N.m | Insulation Resistance | 500V ≥20MΩ |
| Torque Coefficient | 1 | Protection grade | IP65 |
| Counter electromotive force(U) | 66.5(V/1000r/m) | Motor Insulation Class | F |
| Ambient Temperature | -20℃-50℃ | Weight | 8.3kg |

Power cable socket model: MS3102A-18-12P Interface definition

| Socket code | 1 | 2 | 3 | 4 | E | F |
|---|---|---|---|---|---|---|
| Functional interface | PE | U | V | W | 24V | 0V |

Encoder socket: CM1010-R10P Interface definition

| Socket code | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Functional interface | PE | 空 | 空 | SD+ | SD- | 5V | 0V | 空 | 空 | 空 |

| 标记 | 处数 | 更改文件号 | 签字 | 日期 |
|---|---|---|---|---|
| 设计 | | 日期 | 2025-9-15 | |
| 审核 | | 日期 | | |
| 校核 | | 日期 | | |
| 批准 | | 日期 | | |

HR3-PR7R6S2

130BSF-H20025-S001Z(CRS)

| 图样标记 | | 重量 | 比例 |
|---|---|---|---|
| | | | |
| 版本号 | | 第 张 共 张 | |