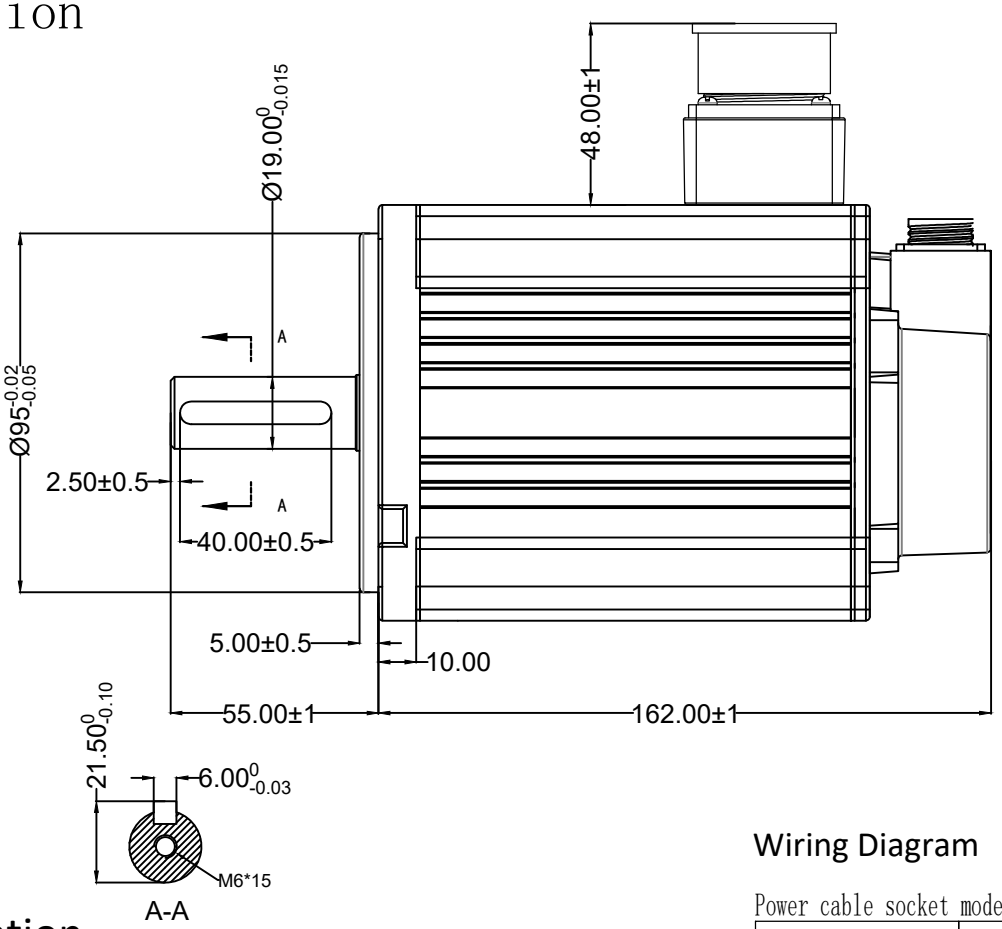
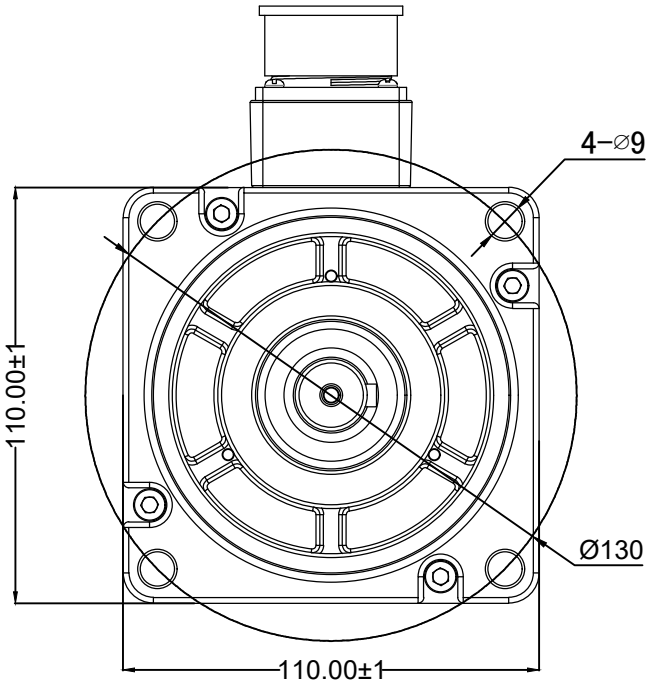
Dimension





Specification

Rated Voltage	220V	Line-line Resistance	1.6Ω
Rated Power	1800W	Phase Inductance	8mh
Rated Current	6.6A	Electrical time constant	5MS
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	6N.m	Encoder	17bit
Peak RPM	3200rpm	Rotor Inertia	$0.75X10^{-3}Kg.m^2$
Max Momentary Current	19.8A	Withstand Voltage	1500V 5s
Max Momentary Torque	18N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.91	Protection grade	IP65
Counter electromotive force(U)	60(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20℃-50℃	Weight	5kg

Wiring Diagram

Power cable socket model: YD28J4Z Interface definition

Socket code	1	2	3	4
Functional interface	PE	U	V	W

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	2025-9-13
审核	日期	
校核	日期	
批准	日期	

HR3-PR7R6S2

110BSF-H18030-001Z(CRS)

图样标记		重量	比例
版本号		第 张 共 张	