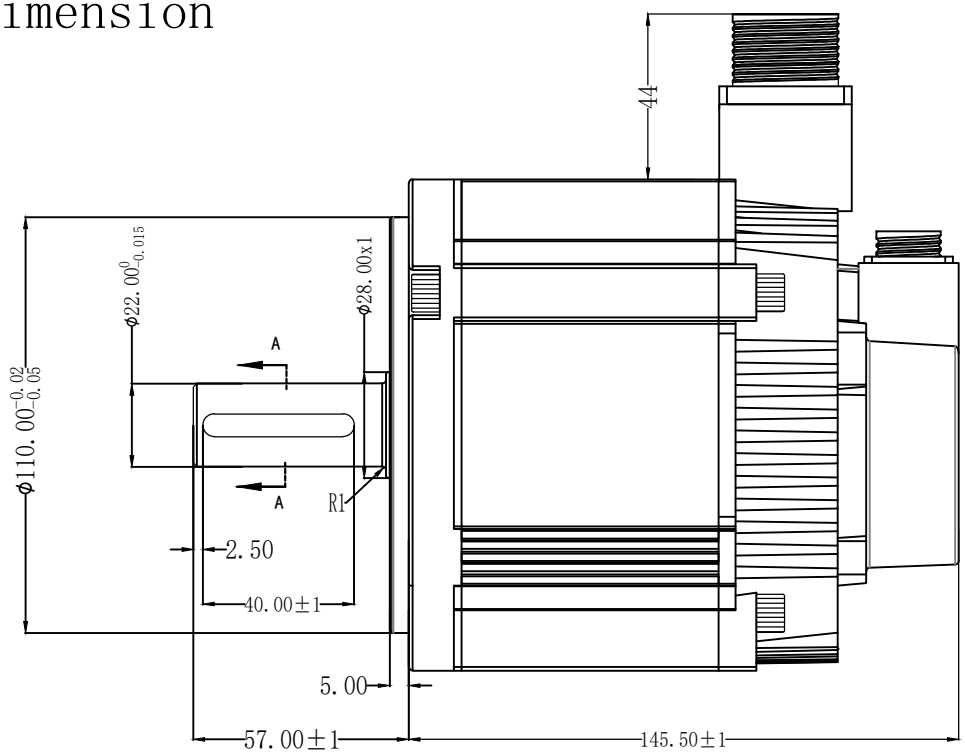
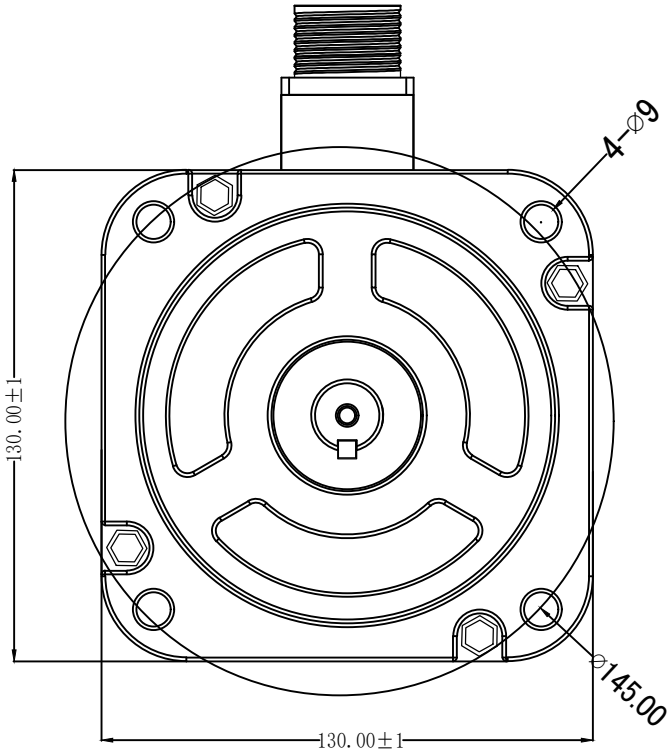
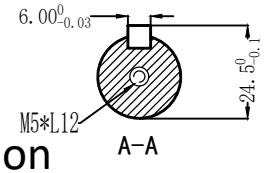
Dimension







Specification

Rated Voltage	220V	Line-line Resistance	1.8Ω
Rated Power	1000W	Phase Inductance	11.1mh
Rated Current	5.5A	Electrical time constant	6.16MS
Rated RPM	2000rpm	Pole-pairs	5
Rated Torque	5N.m	Encoder	17bit
Peak RPM	3000rpm	Rotor Inertia	$7.32X10^{-4}Kg.m^2$
Max Momentary Current	13.75A	Withstand Voltage	1500V 5s
Max Momentary Torque	12.5N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.9	Protection grade	IP65
Counter electromotive force(U)	59.5(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20℃-50℃	Weight	4.75kg

Wiring Diagram

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

Socket code	1	2	3	4	E	F
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

130BSF-H10020-004Z(CRS)

图样标记		重量	比例
版本号		第 张 共 张	