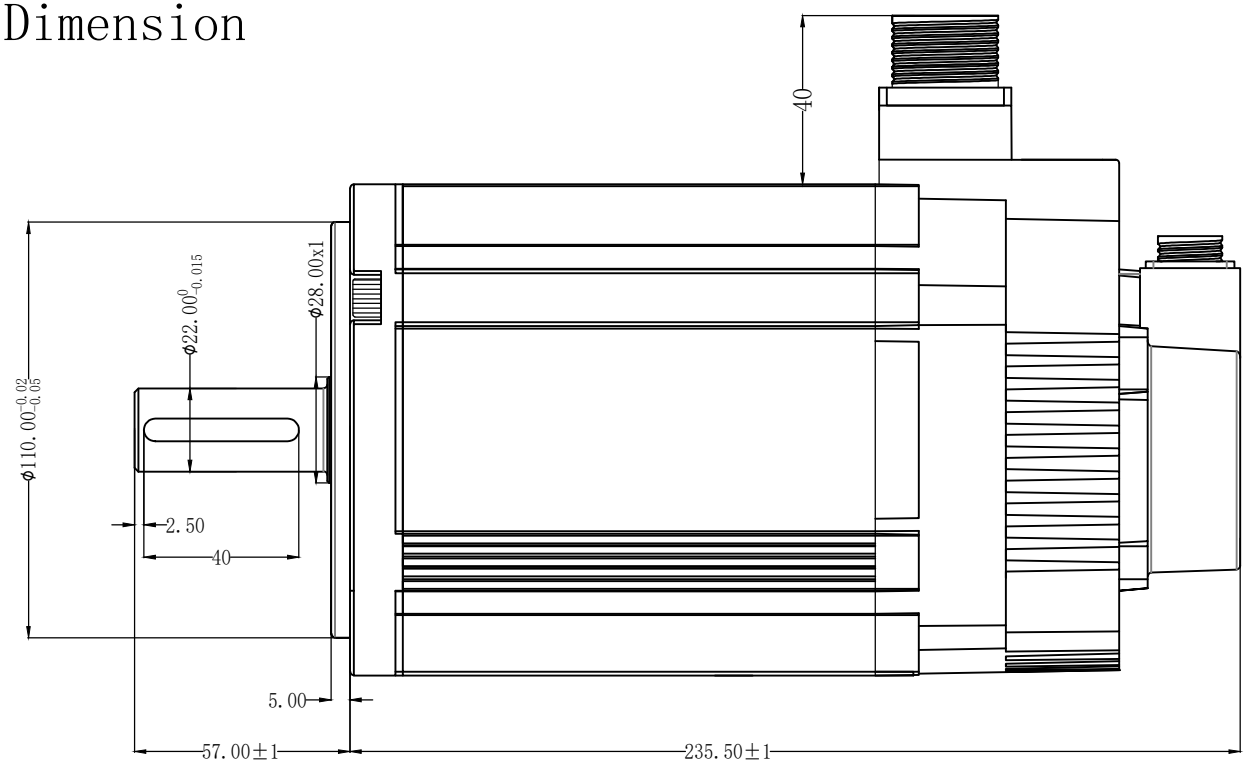
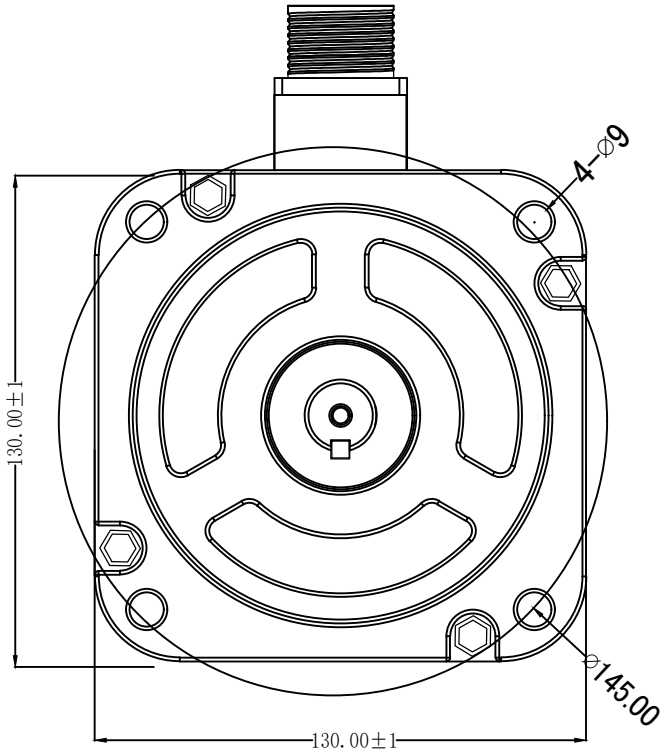
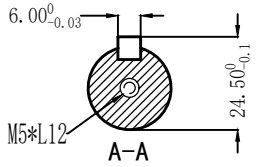
Dimension







Specification

Rated Voltage	380V	Line-line Resistance	2.1Ω
Rated Power	3800W	Phase Inductance	15.6mh
Rated Current	8A	Electrical time constant	7.42MS
Rated RPM	2500rpm	Pole-pairs	5
Rated Torque	14.5N.m	Encoder	17bit
Peak RPM	3000rpm	Rotor Inertia	$2.7X10^{-3}Kg.m^2$
Max Momentary Current	16A	Withstand Voltage	1500V 5s
Max Momentary Torque	29N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	1.8	Protection grade	IP65
Counter electromotive force(U)	111(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20℃-50℃	Weight	10.3kg

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		

HR5-PR012T3

130BSF-H38025-GS005Z(CRS)

图样标记	重量	比例
版本号		第 张 共 张