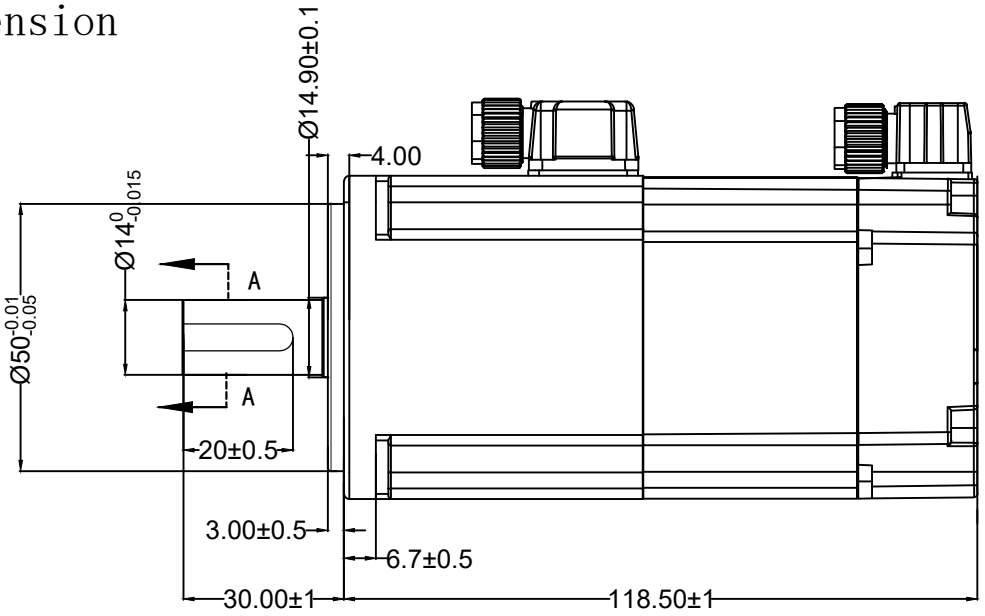
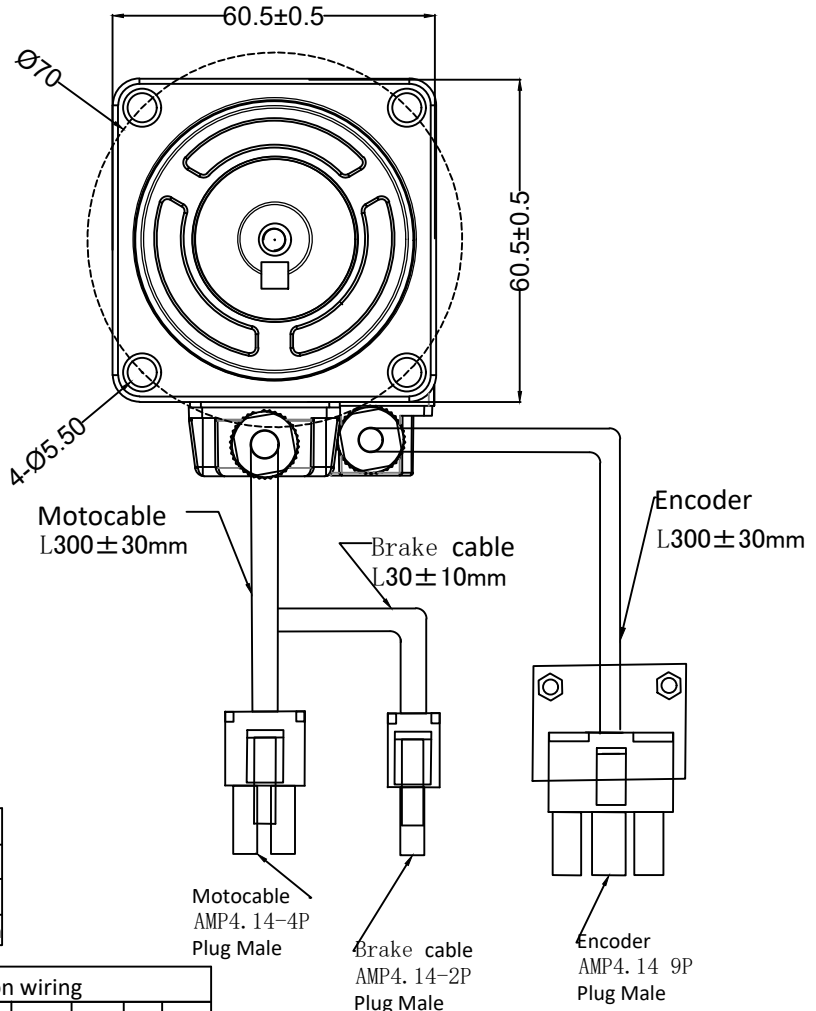
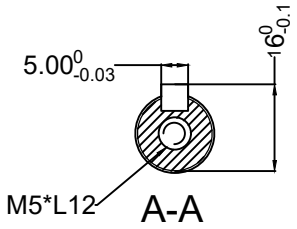
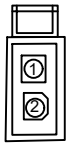
Dimension



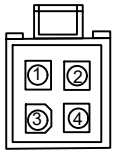




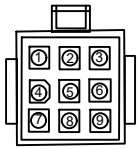
Wiring Diagram



Brake connection	
1	2
24V	0V
Brown	Blue



Motocable connection			
1	2	3	4
U	V	W	PE
Black	white	Red	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		

Specification

Rated Voltage	220V	Line-line Resistance	6.9Ω
Rated Power	200W	Phase Q-axis Inductance	5.6mh
Rated Current	1.7A	Phase D-axis Inductance	5.2mh
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	0.64N.m	Encoder	17bit
Peak RPM	5000rpm	Rotor Inertia	$0.29X10^{-4}Kg.m^2$
Max Momentary Current	5.1A	Withstand Voltage	1500V 5s
Max Momentary Torque	1.92N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.38	Protection grade	IP65
Counter electromotive force(U)	23(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20°C-50°C	Weight	1.28kg

						图样标记	重量	比例
标记	处数	更改文件号	签字	日期		版本号		第 张 共 张
设计		日期	2025-9-13		HR3-PR2R8S2 CM			
审核		日期						
校核		日期						
批准		日期			60BSF-S02030-S005Z-Z0.3(CRS)			