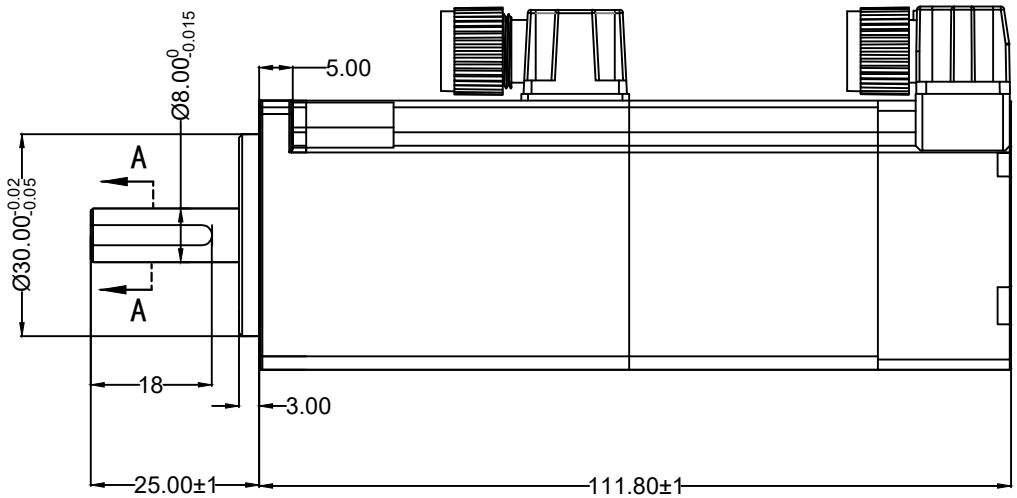
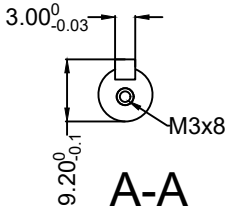
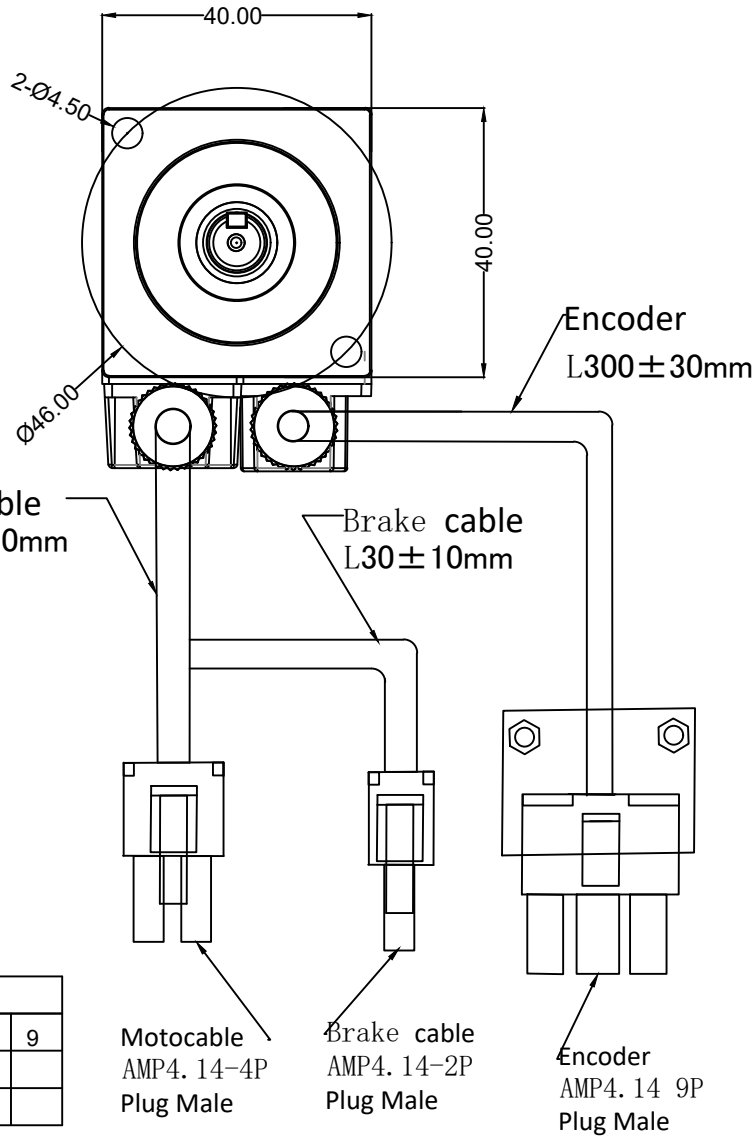
Dimension

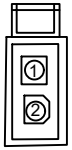




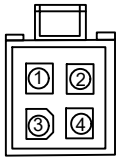
A-A



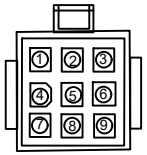
Wiring Diagram



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	16Ω
Rated Power	100W	Phase Inductance	5.5mh
Rated Current	1A	Electrical time constant	0.34MS
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	0.32N.m	Encoder	17bit
Peak RPM	5000rpm	Rotor Inertia	$0.04X10^{-4}Kg.m^2$
Max Momentary Current	3A	Withstand Voltage	1500V 5s
Max Momentary Torque	0.96N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.32	Protection grade	IP65
Counter electromotive force(U)	21(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20°C-50°C	Weight	0.75kg

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-PR2R8S2 CM

40BSF-M01030-S001Z-Z0.3(CRS)

图样标记	重量	比例
版本号		第 张 共 张