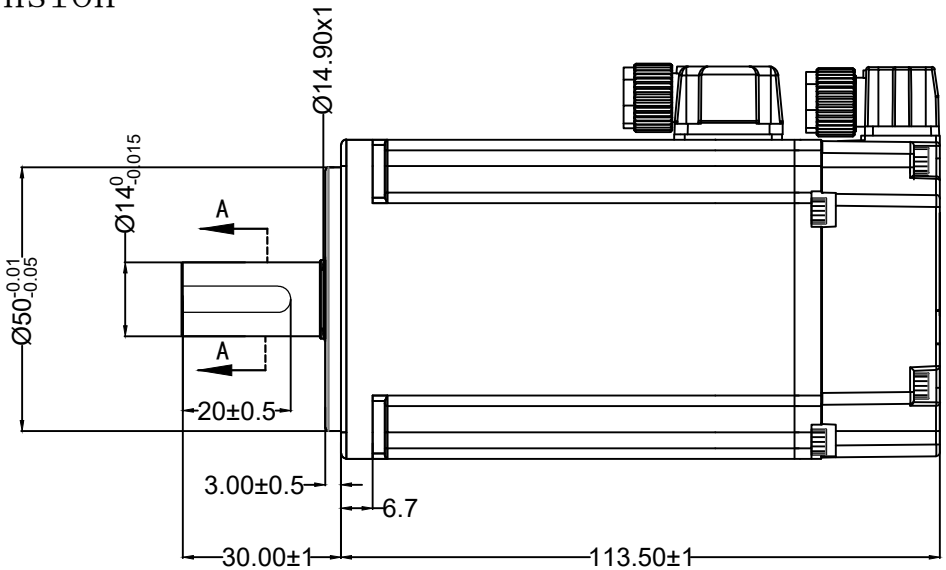
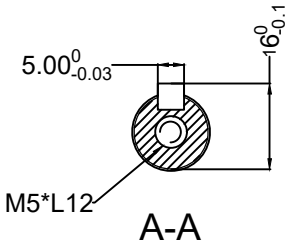
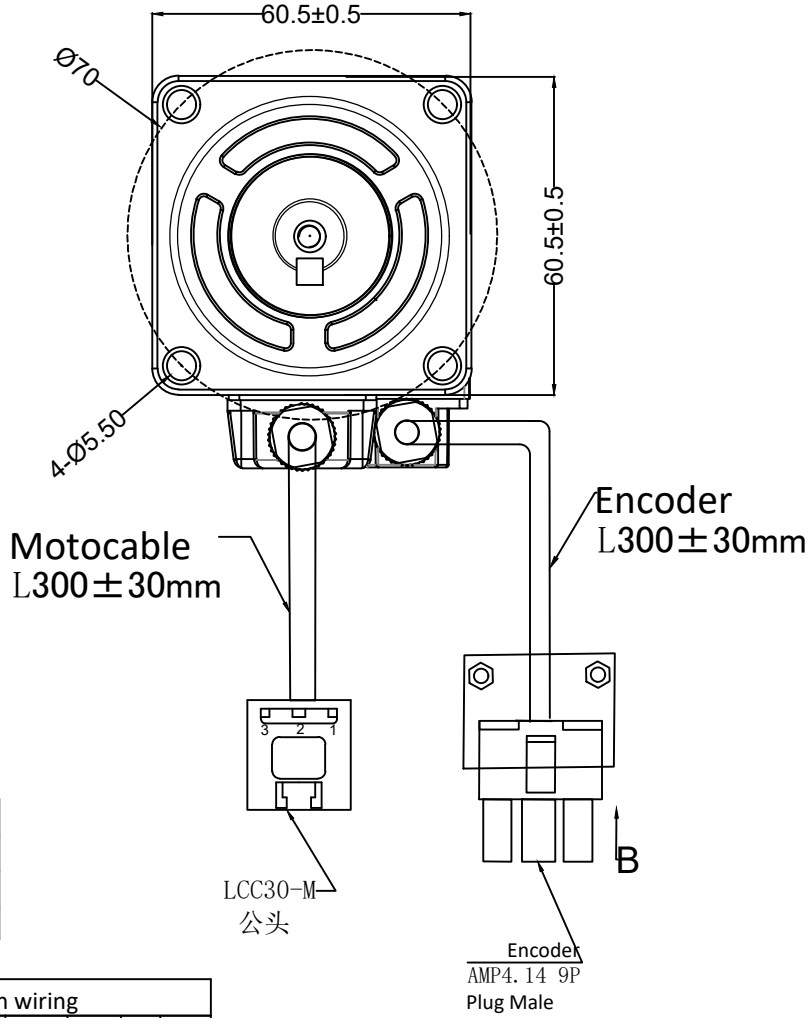
Dimension



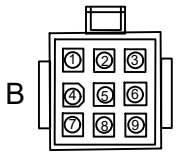




Wiring Diagram

LCC30-M
Plug Male

Motocable connection		
1	2	3
U	V	W
Red	Yellow	Blue



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	24VDC	Line-line Resistance	0.013Ω
Rated Power	600W	Phase Q-axis Inductance	0.033mh
Rated Current	21A	Phase D-axis Inductance	0.032mh
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	1.27N.m	Encoder	17bit
Peak RPM	3500rpm	Rotor Inertia	$1.56X10^{-4}Kg.m^2$
Max Momentary Current	63A	Withstand Voltage	1500V 5s
Max Momentary Torque	3.81N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.09	Protection grade	IP65
Counter electromotive force(U)	3.9(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20°C-50°C	Weight	1.51kg

	※		
版本号	标记	更改内容	日期
设 计		日 期	2026-8-4
审 核		日 期	
校 核		日 期	
批 准		日 期	

RT DV400

60BLSF-S04030-A82Z-Z0.3(RYS)