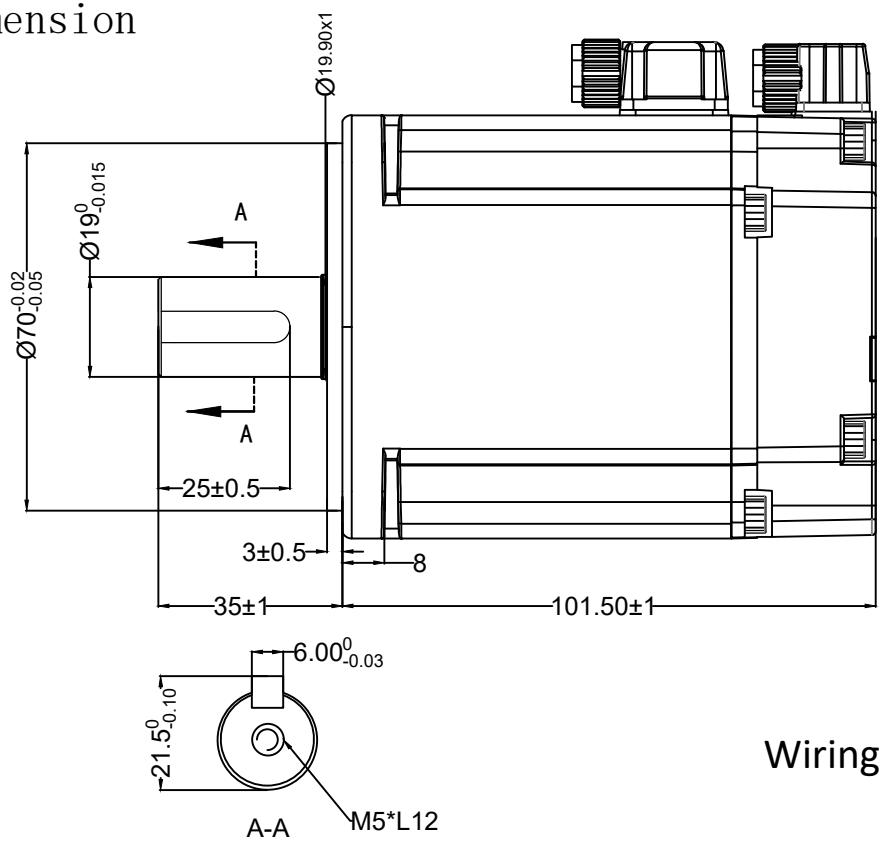
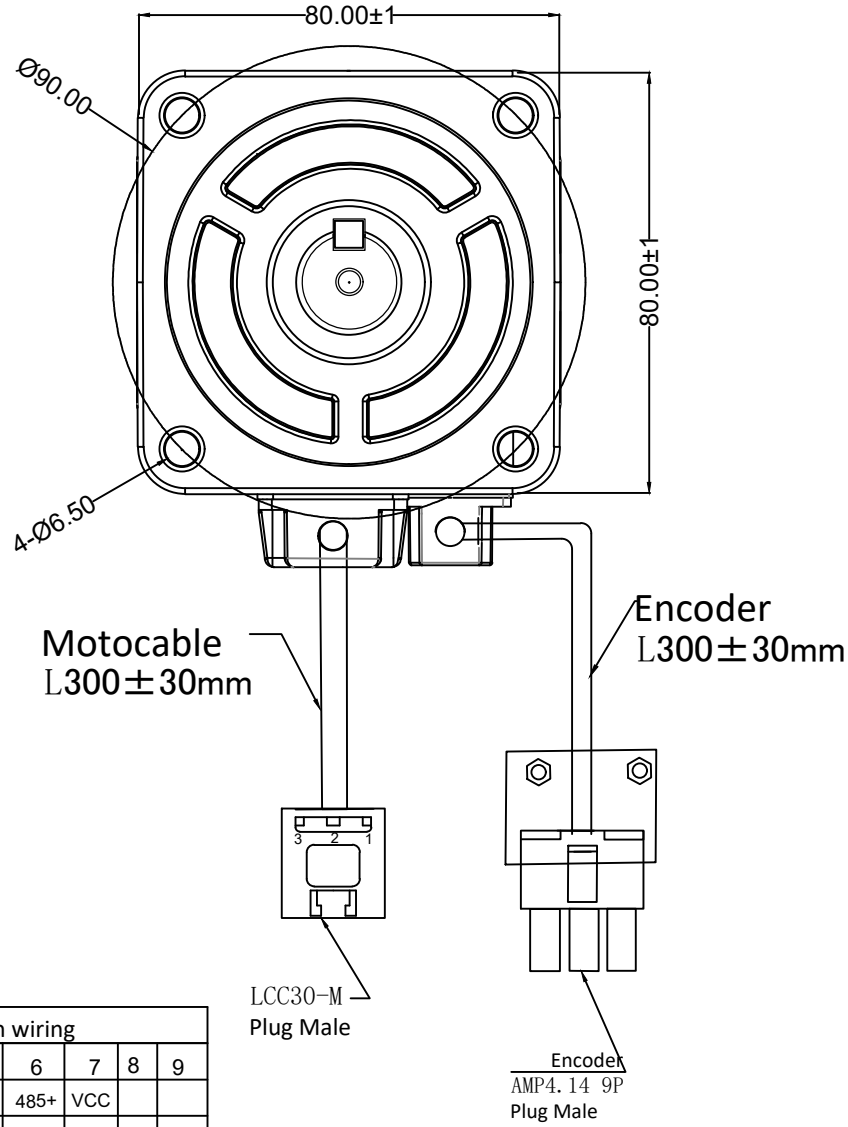
Dimension

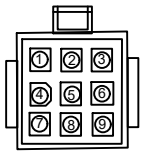




Wiring Diagram

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	48VDC	Line-line Resistance	0.1Ω
Rated Power	750W	Phase Q-axis Inductance	0.14mh
Rated Current	17.5A	Phase D-axis Inductance	0.16mh
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	2.39N.m	Encoder	17bit
Peak RPM	3500rpm	Rotor Inertia	$1.56X10^{-4}Kg.m^2$
Max Momentary Current	52.5A	Withstand Voltage	1500V 5s
Max Momentary Torque	7.17N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.14	Protection grade	IP65
Counter electromotive force(U)	8.5(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20°C-50°C	Weight	2.08kg

	※		
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 DV750

80BLSF-S07530-B023Z-Z0.3(RYS)

常州富山智能科技有限公司