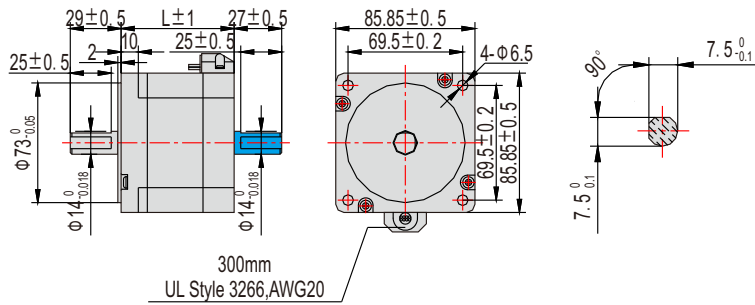




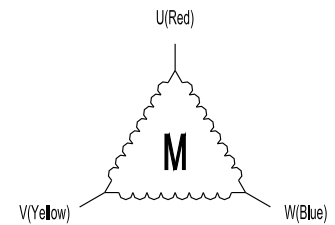
85mm



Dimension



Wiring Diagram



- ※ The above drawings are for dual shaft stepping motor, while single shaft without part [redacted]
- ※ Customized features are available, such as additional eccentric gear box, power off brake, encoder.
- ※ Spigot installation with front cover is a must when set up the motor, tolerance fiding should be taken into account, to secure the concentricity of output shaft and motor output.

Technical Parameters

Item	Specifications
Step Angle	1.2°
Step Angle Accuracy	±5%(full step,no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C Max (rated current,2 phase on)
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ Min500VDC
Dielectric Strength	500 V AC for one minute
Shaft Radial Force	0.02Max (450g load)
Axial Play	0.08Max (450g load)
Max Radial Force	220N (20mm from the flange)
Max Axial Force	60N

Technical Parameters

Stepper motor Model		Stepper Drive Model	Current /phase	Resistance /phase	Inductance /phase	Holding Torque	Lead	Rotor Inertia	Weight	Length
Single shaft	Double shaft		A	Ω	mH	kg-cm		g-cm ²	Kg	L(mm)
YSD387-RA3	YSD387-RB3	SEA3D64	5.8	0.47	0.9	20	3	1320	2	69
YSD3810-RA3	YSD3810-RB3		5.8	0.63	4.28	40	3	2400	3	97
YSD3812-RA	YSD3812-RB3		5.8	0.38	2.17	60	3	3480	4	125
YSD387M-RA3	YSD387M-RB3	SEA3D420	1.75	3.8	11.6	20	3	1320	2	69
YSD3810M-RA3	YSD3810M-RB3		2	4.46	14.7	40	3	2400	3	97
YSD3812M-RA3	YSD3812M-RB3		2.25	2.18	7.79	60	3	3480	4	125

3-PHASE STEPPING MOTOR