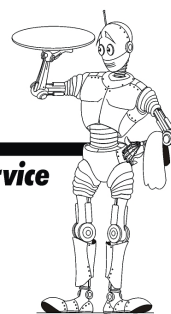


*La robotique à votre service*

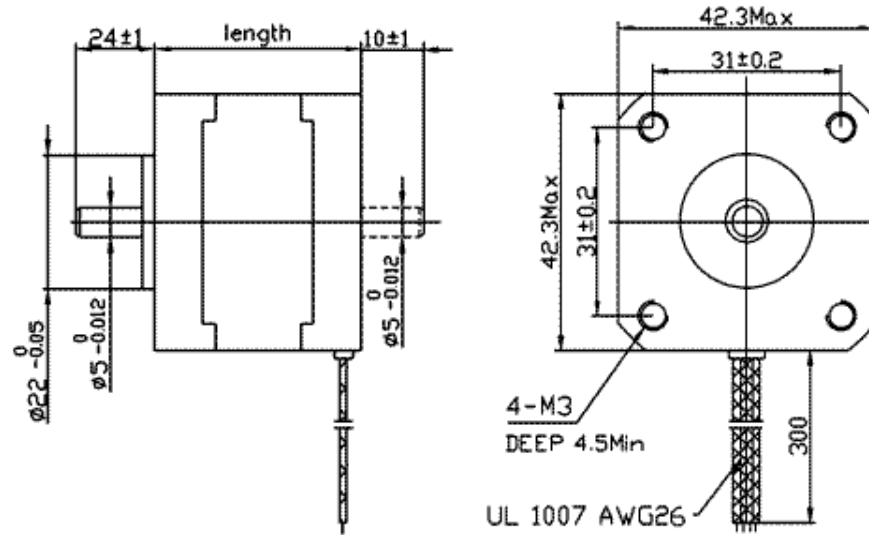


Soyo 6V 0.8A 36oz-in Unipolar Stepper Motor Specifications:

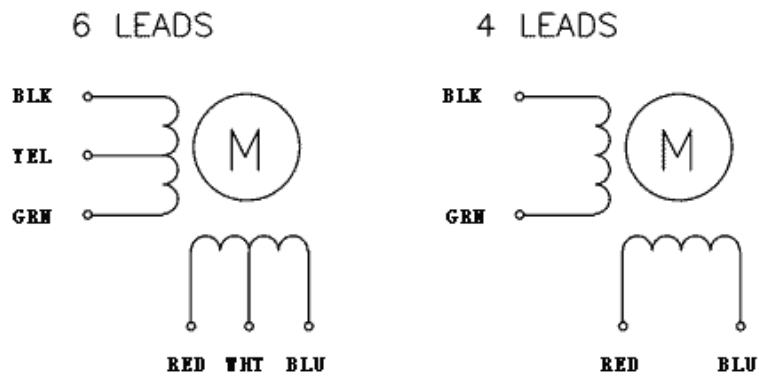
Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C Max.(rated current,2 phase on)
Ambient Temperature	-20 °C~+50 °C
Insulation Resistance	100M Ω Min. ,500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.02Max. (450 g-load)
Shaft Axial Play	0.08Max. (450 g-load)
Max. radial force	28N ( 20mm from the Flange )
Max. axial force	10N
Rotation	CW( See from Front Flange )

Model No.	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weight	Detent Torque
Single Shaft	V	A	Ω	mH	Kg-cm		g-cm <sup>2</sup>	kg	g-cm
SY42STH38-0806A	6	0.8	7.5	6.7	2.6	6	54	0.28	150

Dimensions :



Wiring Diagram :



Operting Curve :

