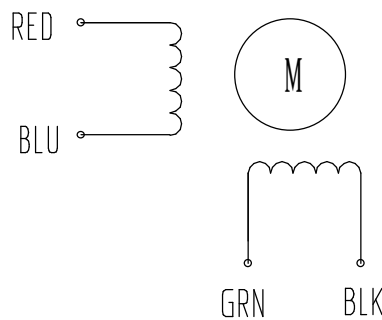


HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

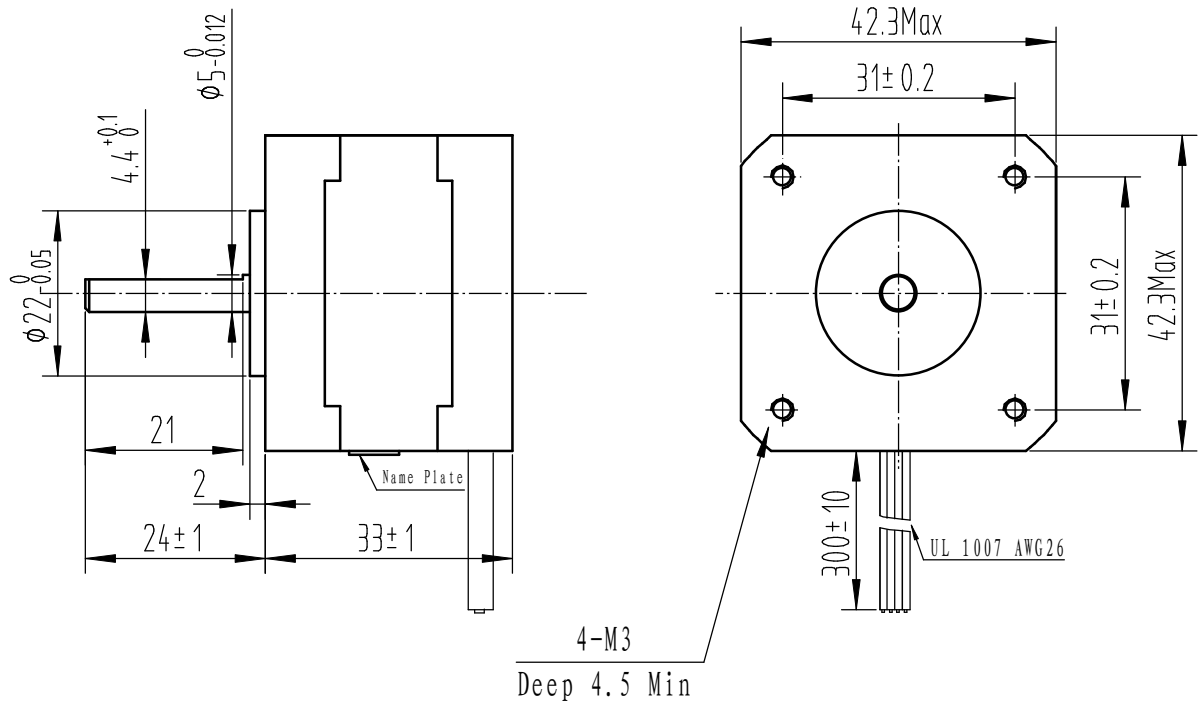
General specifications		Electrical specifications	
Step Angle (°)	1.8	Rated Voltage (V)	2.8
Temperature Rise (°C)	80 Max (rated current, 2 phase on)	Rated Current (A)	1.5
Ambient Temperature (°C)	-20 ~ +50	Resistance Per Phase ($\pm 10\%$ Ω)	1.8 (25°C)
Number of Phase	2	Inductance Per Phase ($\pm 20\%$ mH)	2.1
Insulation Resistance (M Ω)	100 Min (500VDC)	Holding Torque (N.cm)	26
Insulation Class	Class B	Detent Torque (N.cm)	120
Max. radial force (N)	28 (20mm from the flange)	Rotor Torque (N.cm ²)	35
Max. axial force (N)	10	Weight (Kg)	0.225

● Wiring Diagram :



● Dimensions:

(unit=mm)



					SY42STH33-1504A	TECHNICAL CONDITIONS
REV	REVISIONS	DESCRIPTION	BY	DATE	CHANGZHOU SONGYANG MACHINERY & ELECTRONICS NEW TECHNIC INSTITUTE	060033067
DRAW	kongxiangzhen 2014.05.23					
CHECK						
APPROVE						

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