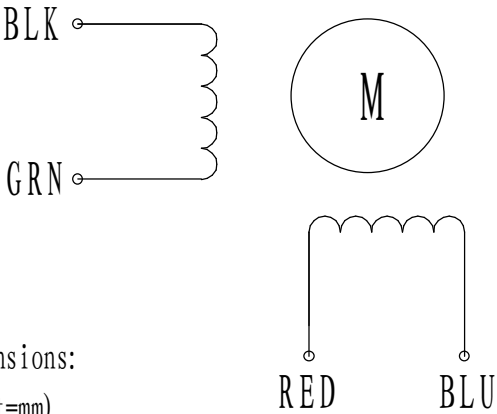


HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

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)	1.68
Ambient Temperature (°C)	-20~+50	Resistance Per Phase ($\pm 10\%$ Ω)	1.65 (25°C)
Number of Phase	2	Inductance Per Phase ($\pm 20\%$ mH)	3.2
Insulation Resistance (M Ω)	100 Min (500VDC)	Holding torque(N.cm)	36
Insulation Class	Class B		
Max.radial force (N)	28 (20mm from the flange)		
Max.axial force (N)	10		

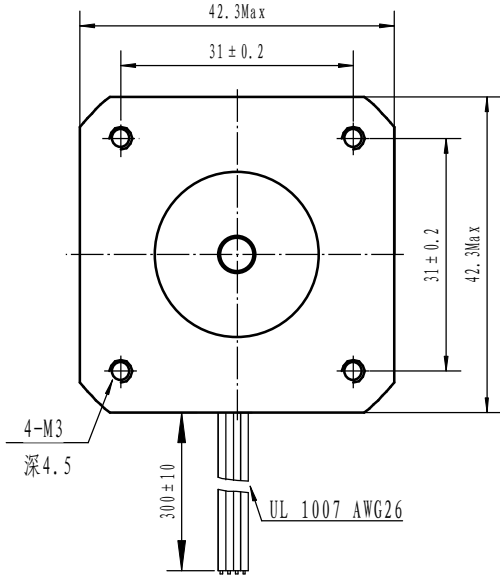
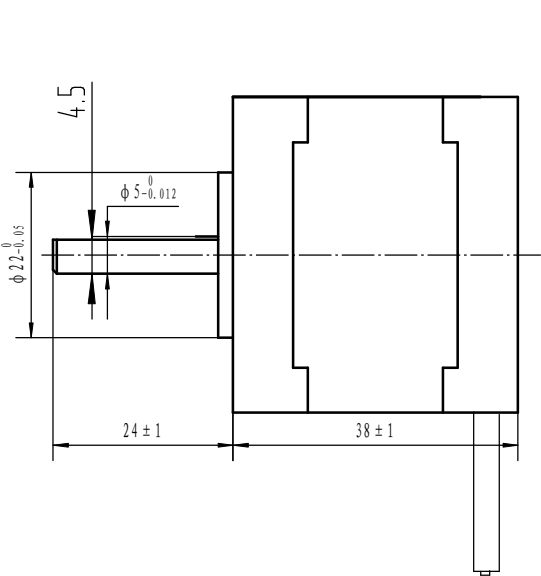
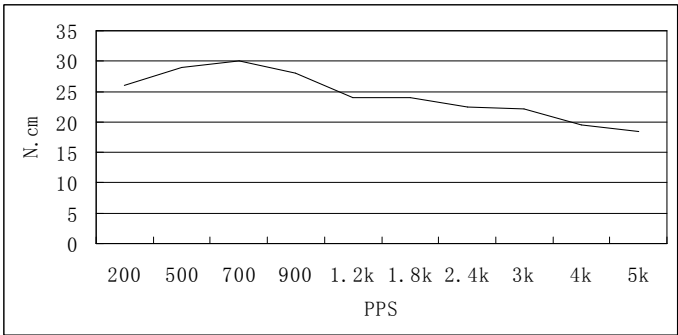
Wiring Diagram :



Dimensions:
(unit=mm)

PULL out torque curve :

VOLTAGE: 24VDC CONSTANT CURRENT : 1.68A HALF STEP



					SY42STH38-1684A	TECHNICAL CONDITIONS
REV	REVISIONS	DESCRIPTION	BY	DATE		
DRAW					CHANGZHOU SONGYANG MACHINERY & ELECTRONICS NEW TECHNIC INSTITUTE	060038079
CHECK						
APPROVE						