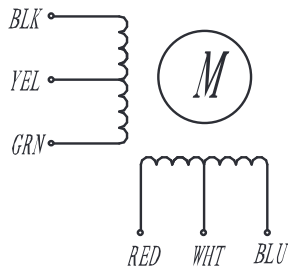


# HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

General specifications		Electrical specifications	
Step Angle (°)	1.8	Rated Voltage (V)	8.6
Temperature Rise (°C)	80 Max (rated current, 2 phase on)	Rated Current (A)	1.0
Ambient Temperature (°C)	-20~+50	Resistance Per Phase ( $\pm 10\%$ $\Omega$ )	8.6
Number of Phase	2	Inductance Per Phase ( $\pm 20\%$ mH)	14
Insulation Resistance (M $\Omega$ )	100 Min (500VDC)	Holding Torque (N.cm)	135
Insulation Class	Class B		
Max.radial force (N)	75 (20mm from the flange)		
Max.axial force (N)	15		

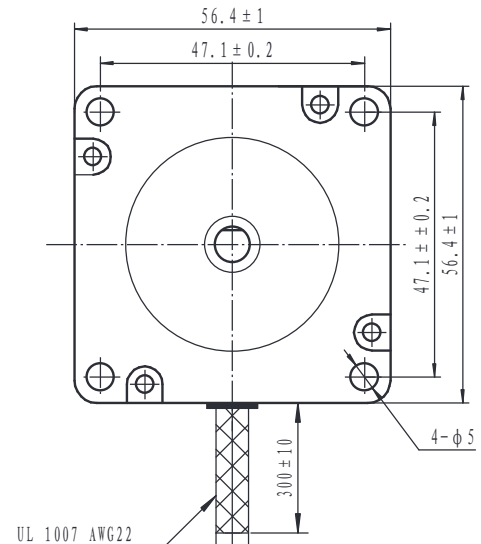
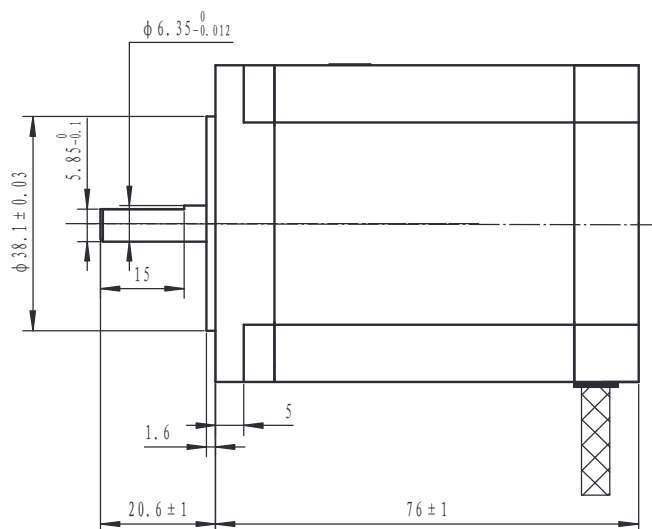
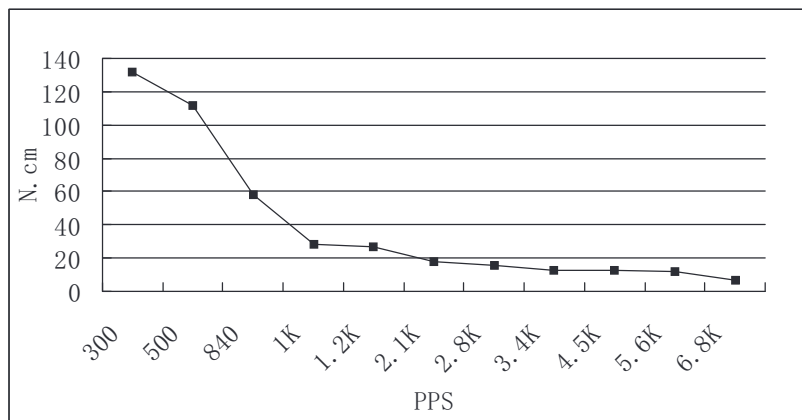
## ● Wiring Diagram :



● Dimensions:  
(unit=mm)

## ● Pull out torque curve :

VOLTAGE: 30VDC, CONSTANT CURRENT: 1.0A, HALF STEP



					SY57STH76-1006A	TECHNICAL CONDITIONS
REV	REVISIONS	DESCRIPTION	BY	DATE		
DRAW	2013/02/19				CHANGZHOU SONGYANG MACHINERY & ELECTRONICS NEW TECHNIC INSTITUTE	080076145
CHECK						
APPROVE						