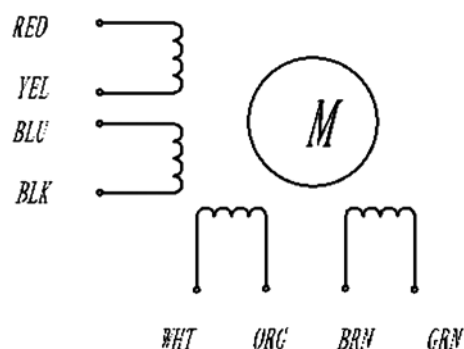


HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

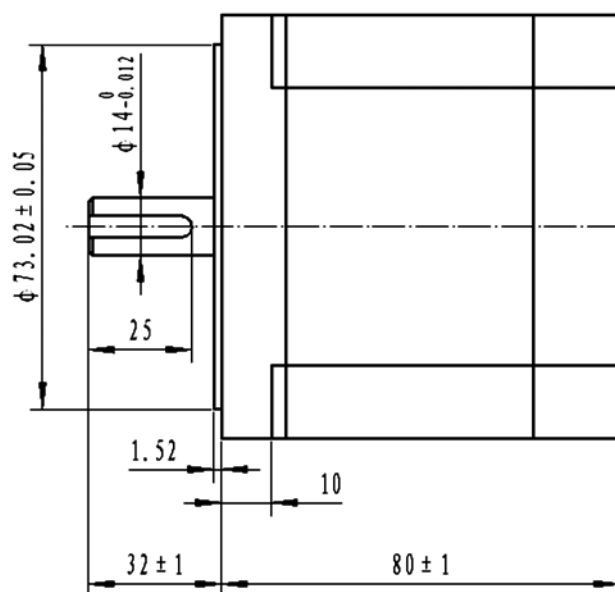
General specifications		Electrical specifications	
Step Angle (°)	1.8	Rated Voltage (V)	3.15
Temperature Rise (°C)	80 Max (rated current, 2 phase on)	Rated Current (A)	4.2
Ambient Temperature (°C)	-20 ~ +50	Resistance Per Phase ($\pm 10\%$ Ω)	0.75 (25°C)
Number of Phase	2	Inductance Per Phase ($\pm 20\%$ mH)	3.4
Insulation Resistance (M Ω)	100 Min (500VDC)	Holding Torque (N.cm)	450
Insulation Class	Class B		
Max. radial force (N)	220 (20mm from the flange)		
Max. axial force (N)	80		

● Wiring Diagram :



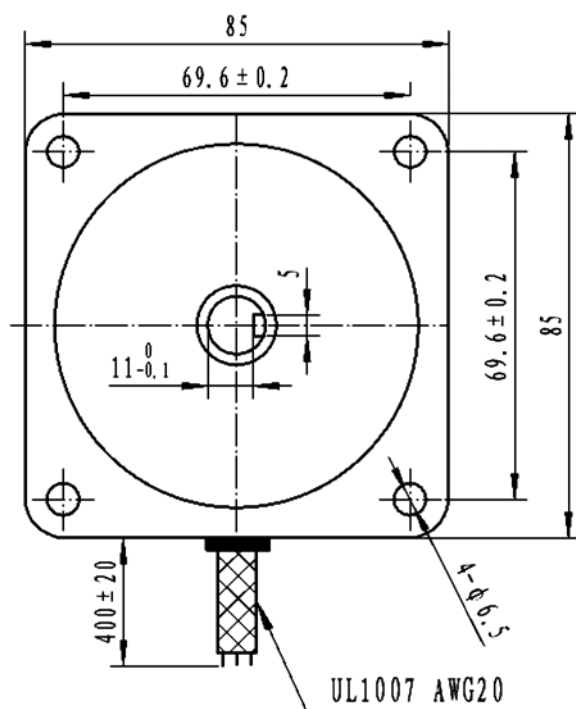
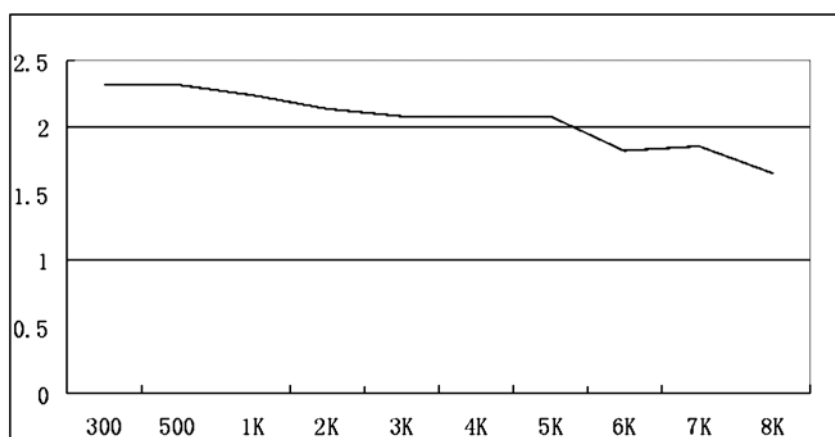
Dimensions:

(unit=mm)



● PULL out torque curve :

VOLTAGE: 110VAC CONSTANT CURRENT : 4.2A HALF STEP



					T85H80-4208A	TECHNICAL CONDITIONS
REV	REVISIONS	DESCRIPTION	BY	DATE		
DRAW	2014/05/20				Tiny Controls Pvt. Ltd	110080081
CHECK						
APPROVE						