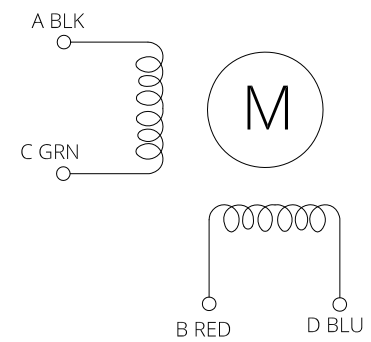



Planetary Gearbox:
Gear Ratio: 13.7/1
Efficiency: 80%
Output Torque: 8.9Nm REF.
Total Weight: 0.6Kg REF

UL1332 24AWG
Teflon Wire
200 DegreeC
(KEY Feature)



Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 3.2V / Phase	Rated Current	DC 2.0A / Phase
Phase Resistance	1.6x(1±20%) Ω	Phase Inductance	3.0x(1±20%) mH
Holding Torque	5.9Kgf-cm (59N-cm)	Detent Torque	20 mN-m REF.
Rotate Direction	A-AB-B CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class H 180°C
Rotor Inertia	85 g-cm² REF	Weight	0.35 Kg REF

A	----	NEW RELEASE			Xu SD	J.B.	10/14/20
REV.	ECN NO.	DESCRIPTION			MADE BY	APPR. BY	DATE
		VIEW		<div>LDO Motors Co., Ltd.</div> <div>Part NO.</div> <div>1.8° NEMA17 Planetary Geared Stepper Motor HT</div> <div>LDO-42STH48-2004AH-PG13.7</div>			
		SCALE					
		NA					
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE		SHEET NO.	
Xu SD	J.B.	J.B.	10/14/20			1/1	