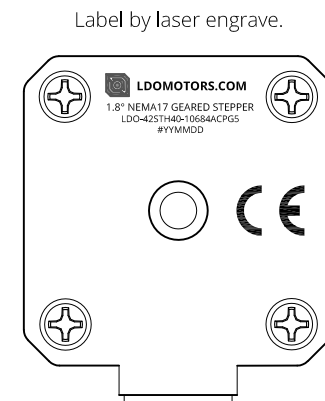
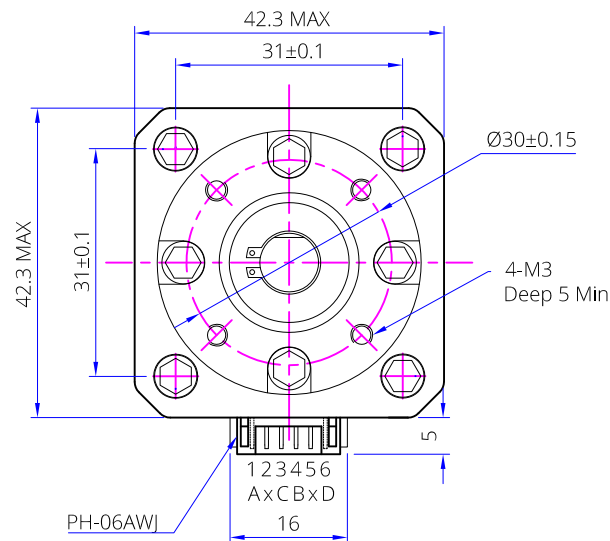
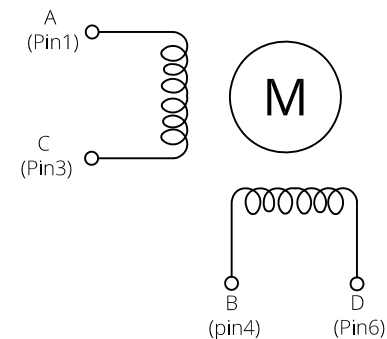


Gearbox
Gear Ratio: 5.18, 1 Stage
Efficiency: 90%
Output Torque: 2.1Nm REF.
Total Weight: 0.4Kg REF.



Diagram



Motor Only Main Specs:

Item	Specification	Item	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 2.8V / Phase	Rated Current	DC 1.68A / Phase
Phase Resistance	1.65x(1±15%)Ω	Phase Inductance	3.6x(1±20%) mH
Holding Torque	4.5 Kg-cm (0.45Nm) MIN	Detent Torque	15 mN-m REF.
Rotate Direction	A-AB-BA CW	Insulate Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class B 130°C
Rotor Inertia	53 g-cm ² REF	Weight	0.28 Kg REF

A	----	NEW RELEASE		Xu SD	J.B.
REV.	ECN NO.	DESCRIPTION		MADE BY	APPR. BY
		VIEW		LDO Motors Co., Ltd.	
		SCALE		Part NO.	
		NA		NEMA17 Planetary Geared Stepper	
				LDO-42STH40-1684ACPG5	
DRAWN BY	CHECKED BY	APPR. BY	DATE	Manufacture NO	SHEET NO.
Xu SD	J.B.	J.B.	12/10/20		1/1