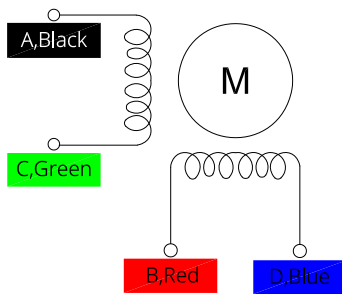


MOTOR DIAGRAM



ENCODER CABLES					
5v	GND	A+	A-	B+	B-
RED	BLK	BLU	BLU/WHT	ORG	ORG/WHT

Items	Specification	Items	Specification
Phase Number	2	Step Angle	1.8° ± 5%
Rated Voltage	DC 4.0V / Phase	Rated Current	DC 2.0A / Phase
Phase Resistance	2.0x(1±15%) Ω	Phase Inductance	4.0x(1±20%) mH
Holding Torque	850mN-m MIN	Detent Torque	35 mN-m REF.
Rotation Direction	A-AB-B CW	Insulation Resistance	100Mohm(DC500V)
HI-POT	AC600V/1mA/1S	Insulation Class	Class B 130°C
Rotor Inertia	132 g-cm ²	Weight	0.65 Kg REF

A	----	NEW RELEASE	Xu SD	J.B.	8/28/20
REV.	ECN NO.	DESCRIPTION	MADE BY	APPR. BY	DATE
		VIEW	LDO Motors Co., Ltd.		
		SCALE	Part NO.: NEMA17 Closed Loop Stepper LDO-42STH60-2004B-EN1000		
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.
Xu SD	J.B.	J.B.	8/28/20		1/1