



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 B 130°C
Rotor Inertia	85 g-cm <sup>2</sup> REF	Weight	0.35 Kg REF

A		NEW RELEASE		Xu SD	J.B.	6/25/20
REV.	ECN NO.	DESCRIPTION		MADE BY	APPR. BY	DATE
		VIEW	<b>LDO Motors Co., Ltd.</b> Part NO.			
		SCALE	<b>NEMA17 Stepper Motor</b> <b>LDO-425TH48-2004AC</b>			
DRAWN BY	CHECKED BY	APPR. BY	DATE	FACTORY CODE	SHEET NO.	
Xu SD	J.B.	J.B.	6/25/20		1/1	