

Electrical Performance Parameters

2 Phase

Item	Specifications
Step Angle Accuracy	±5% (Full Step)
Resistance Accuracy	±10% (20°C)
Inductance Accuracy	±20% (1KHZ)
Temperature Rise	80°C max (rated current, 2 phase power on)
Ambient Temperature	-20°C~ * 50°C
Insulation Resistance	100MΩMin 500VDC
Dielectric Strength	500V AC 1 minute
Allowable Radial Load	0.02mm Max . (450g load)
Allowable Thrust Load	0.08mm Max . (450g load)
Radial Max Load	75N (20mm from flange surface)
Shaft Max Load	15N



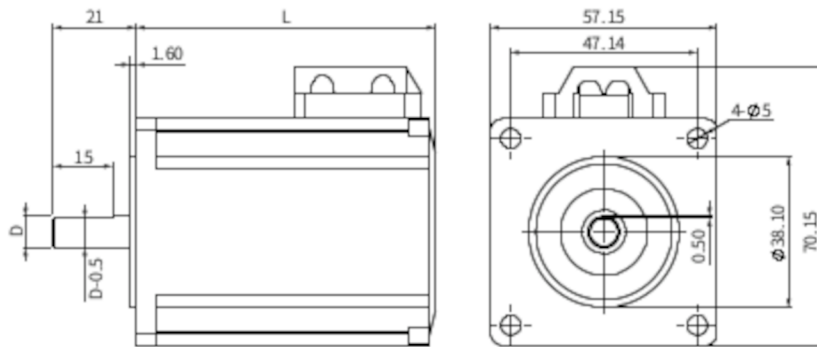
CE RoHS

Technical Data

Model	Step Angle (°)	L (Motor length)[mm]	Holding Torque (N.m)	Phase Current (A)	Rotational Inertia (g.cm ²)	Weight (kg)	Encoder Resolution(PPR)	Lead Wire(No.)
LC57H256	1.8	76	1.2	4.0	300	0.78	1000	4
LC57H265	1.8	85	1.8	5.0	400	1.18	1000	4
LC57H276	1.8	98	2.0	5.0	480	1.2	1000	4
LC57H282	1.8	106	2.4	5.0	520	1.3	1000	4
LC57H2100	1.8	123	3.0	5.0	720	1.7	1000	4
LC57H2112	1.8	134	3.5	5.0	800	1.8	1000	4

Above are representative products. Products can be customized!

Shape and Installation size (unit:mm)

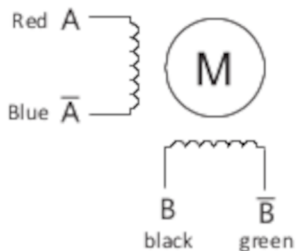


Shaft Mode of Motor

Model	D (Shaft diameter)(mm)	Shaft Extension(mm)	Shaft Length(mm)
LC57H256	φ8	D-cut 0.5 x 15	21
LC57H265	φ8	D-cut 0.5 x 15	21
LC57H276	φ8	D-cut 0.5 x 15	21
LC57H282	φ8	D-cut 0.5 x 15	21
LC57H2100	φ8	D-cut 0.5 x 15	21
LC57H2112	φ8	D-cut 0.5 x 15	21

Motor Wiring Diagram

Motor Wire Colors



Definitions of Encoder Lead Colors

1	yellow	EB+
2	green	EB-
3	black	EA+
4	blue	EA-
5	Red	+5VCC
6	White	EGND

Notes

Note

1. Phases shall be correctly connected while connecting motor and the Driver.
2. Obvious heat generation of motor may occur under different driving conditions. Surface temperature of motor is allowed to exceed 85°C during operation.
3. Motor must be positioned by installation rabbet on front cover of motor, attention shall be paid on error matching, and the concentricity between motor shaft and load shall be controlled strictly.