

130HS Series 3Phase Hybrid Stepper Motors

General Specifications

Item	Specification
Step Angle Accuracy	± 5% (whole step)
Resistance Accuracy	± 10% (20°C)
Inductance Accuracy	± 20% (1KHZ)
Temperature Rise	80°C max (Rated current, 2-phase power)
Ambient Temperature	-20°C ~ +50°C
Insulation Resistance	100M Ω Min 500 VDC
Dielectric Strength	500V AC 1 minute
Allowable Radial Load	0.02mm Max (450g load)
Allowable Thrust Load	0.08mm Max (450g load)
Radial maximum load	300N (From the flange surface 20mm)
Axial maximum load	80N



相数 3Phase

CE RoHS

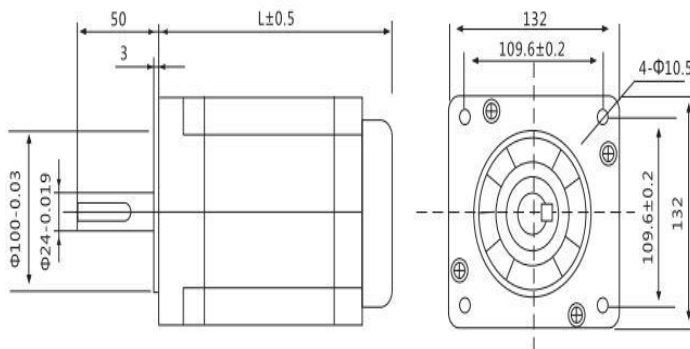
Specifications

Model	Step angle (°)	Motor length (mm)	Current (A/phase)	Resistance (Ω/phase)	Inductance (MH/phase)	Holding torque (N.M)	Rotor inertia (g.cm ²)	Leads Wire No.	Weight (kg)	Matched driver
LC31315	1.2	154	6.9	0.88	3.7	15	20000	3	11	LC3722HTC
LC31318	1.2	183	6.9	1.1	4.9	20	26700	3	14.1	LC3722HTC
LC31322	1.2	215	6.9	2.8	17.9	28	33970	3	17.2	LC3722HTC
LC31325	1.2	247	6.9	3.3	21.52	35	41240	3	19.8	LC3722HTC
LC31332	1.2	311	6.9	4.2	28.9	50	55780	3	26	LC3722HTC

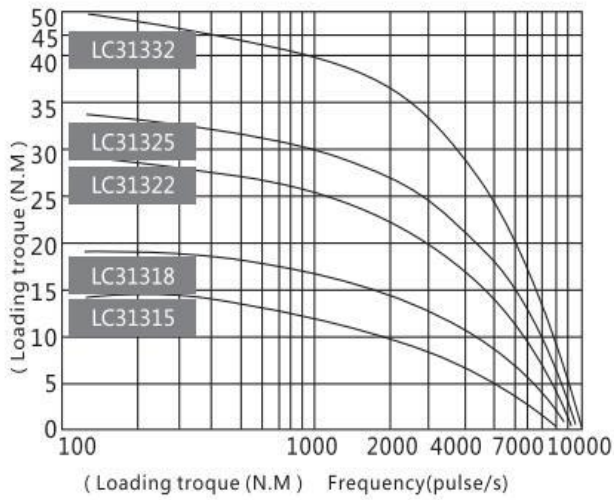
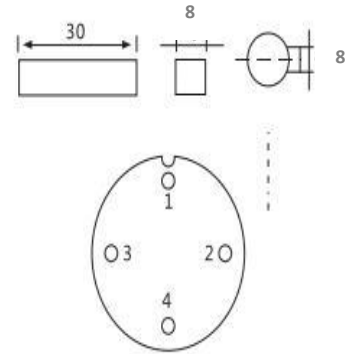
The above is only for representative products, We can according to customer requirements to remake.

Dimensions:

Motor Shaft :



Item	Shaft (mm)	Axis stretch (mm)	Axis length (mm)
LC31315	24	Flat key 8x30	50
LC31318	24	Flat key 8x30	50
LC31322	24	Flat key 8x30	50
LC31325	24	Flat key 8x30	50
LC31332	24	Flat key 8x30	50

Speed - Torque Curve Chart:

Wiring Diagram :


NO	1	2	3	4	Notes
Phase	U	V	W	GND	4 Pin

Note:

1. Do not connect the motor to the driver.
2. Due to different driving conditions, the motor may have a significant fever situation.
The surface temperature of the motor is allowed to exceed 85 ° C during operation.
3. When installing the motor, be sure to use the front end cover of the motor to install the nozzle only, and pay attention to the tolerance, to ensure the concentricity between the motor shaft and the load.