

1.8° Nema 42 (Size 110 mm) Hybrid Motors

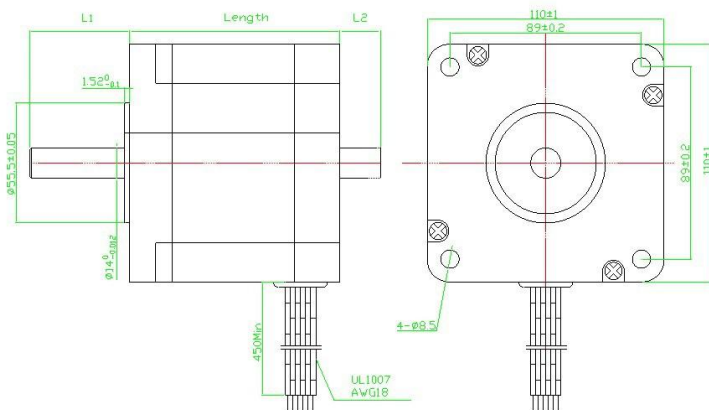
• **General Specification for Hybrid Step Motors**

Item	Specifications
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C Max
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ.,500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.02Max(450g-load)
Shaft Axial Play	0.08Max(450g-load)
Insulation Class	Class B

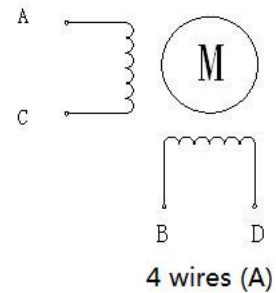


Motor Specification

Model No.		Rated Voltage	Current	Inductance	Resistance	Holding Torque		Weight	No. of leads	Rotor Inertia	Length
Signal shaft	Double Shaft	V	A	mh	Ω	Oz-in	Kg-cm	kg		g-cm ²	mm
CS110H115-6004A	CS110H115-6004B	2.88	6	7	0.48	1666	120	6	4	7200	115
CS110H153-6004A	CS110H153-6004B	6	6	18.5	1	2777	200	8.8	4	10900	153
CS110H168-6004A	CS110H168-6004B	5.4	6	16	0.9	3333	240	9.8	4	13000	168
CS110H201-8004A	CS110H201-8004B	5.52	8	12.7	0.69	3888	280	11.7	4	16200	201



Note: L1 and L2 can be customized



The motors are qualified with the CE certificate and ISO9001
 The motors can be designed according to the customers requirement