

PHB110S Series

● Key Features

- High Torque
- Smooth Movement
- High Inertia

● Option



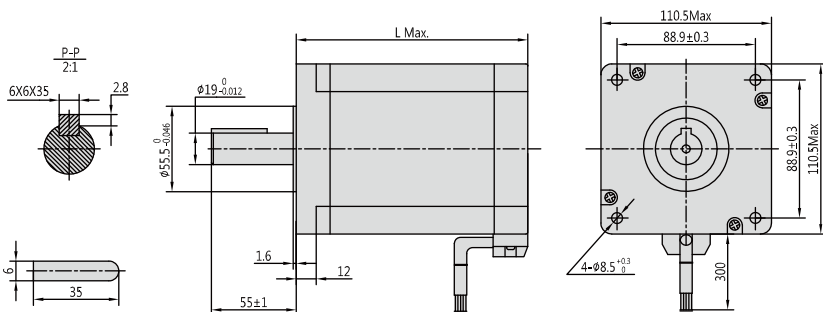
Step Angle	1.8°
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80 °C Max.(rated current, 2 phase on)
Ambient Temperature	-20 °C ~ +50 °C
Insulation Resistance	100 MΩ Min., 500VDC
Dielectric Strength	1800 VAC for one minute
Shaft Radial Play	0.02 Max. (450 g-load)
Shaft Axial Play	0.08 Max. (450 g-load)

● Specifications

- Bi-polar

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per phase	Inductance per phase	Detent Torque		Rotor Inertia	
		N.m	oz-in				N.cm	oz-in	g.cm ²	oz-in ²
PHB110S100 100mm	PHB110S100-460	12	1680	6.0	0.5	6.0	20.5	28.7	4000	22.00
PHB110S117 117mm	PHB110S117-460	15	2100	6.0	0.57	7.5	24.5	34.3	6000	33.00
PHB110S126 126mm	PHB110S126-460	18	2520	6.0	0.66	10.5	28.5	39.9	9000	49.50
PHB110S150 150mm	PHB110S150-460	22	3080	6.0	0.8	13.5	35.5	49.7	11000	60.50
PHB110S165 165mm	PHB110S165-460	26	3640	6.0	0.87	16.0	45.5	63.7	13000	71.50
PHB110S200 200mm	PHB110S200-460	29	4060	6.0	1.1	22.0	65.5	91.7	25000	137.5
	PHB110S200-480	29	4060	8.0	0.65	13.5	65.5	91.7	25000	137.5

● Mechanical Dimension



Series	L		Mass
	mm	(in.)	
PHB110S100	100	(3.94)	5.0 (11.0)
PHB110S117	117	(4.61)	5.8 (12.8)
PHB110S126	126	(4.96)	6.8 (15.0)
PHB110S150	150	(5.91)	8.4 (18.5)
PHB110S165	165	(6.50)	9.3 (20.5)
PHB110S200	200	(7.87)	12.0 (26.4)

2Phase Hybrid Stepper Motor

3Phase Hybrid Stepper Motor

5Phase Hybrid Stepper Motor

Hybrid Stepper Gear Motor

Lead Screw Linear Actuator

Ball Screw Linear Actuator

IP65 Stepper Motor

Hollow Shaft Stepper Motor

Stepper Motor With Brake

Pancake Stepper Motor

PM Stepper Motor

Can-Stack Stepper Linear Actuator

PM Stepper Gear Motor

Stepper Motor Drive