

PHB36D Series

● Key Features

- Compact Size
- Quieter & Smoother
- Longer Lifetime



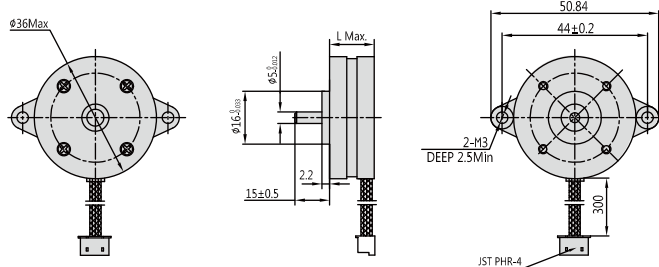
Step Angle	0.9°
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80 °C Max.(rated current, 2 phase on)
Ambient Temperature	-20 °C ~ +50 °C
Insulation Resistance	100 MΩ Min., 500VDC
Dielectric Strength	500 VAC for one minute
Shaft Radial Play	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.cm	oz-in				N.cm	oz-in	g.cm ²	oz-in ²
PHB36D13 13.5mm	PHB36D13-403	3.2	4.48	0.3	19	9	0.3	0.42	3	0.017
PHB36D15 15.2mm	PHB36D15-403	4.2	5.88	0.3	16.8	8.2	0.5	0.7	4	0.022
PHB36D20 19.7mm	PHB36D20-445	9.0	12.6	0.45	14.5	12.5	0.8	1.12	6	0.033

● Mechanical Dimension



Series	L	Mass
	mm (in.)	g (lb.)
PHB36D13	13.5 (0.53)	40 (0.09)
PHB36D15	15.2 (0.60)	55 (0.12)
PHB36D20	19.7 (0.78)	95 (0.21)