

PHB35W Series

● Key Features

- Smooth Movement
- High Acceleration
- Low Noise

● Option



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

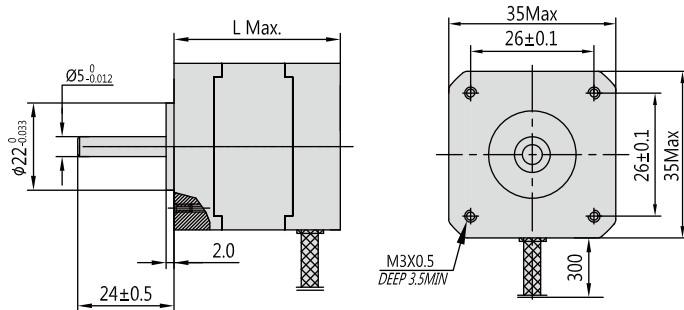
- Bi-polar

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per phase	Inductance per phase	Detent Torque		Rotor Inertia	
		N.cm	oz-in				A	ohm	mH	N.cm
PHB35W20 20mm	PHB35W20-404	5	7	0.4	24	18	0.2	0.28	10	0.055
PHB35W28 28mm	PHB35W28-405	9	12.6	0.55	10	9.5	0.3	0.42	12	0.066
	PHB35W28-408	9	12.6	0.8	4.5	4.5	0.3	0.42	12	0.066
PHB35W34 34mm	PHB35W34-402	14	19.6	0.55	12	19	0.6	0.84	18	0.099
	PHB35W34-403	14	19.6	0.8	6.0	10	0.6	0.84	18	0.099

- Uni-polar

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per phase	Inductance per phase	Detent Torque		Rotor Inertia	
		N.cm	oz-in				A	ohm	mH	N.cm
PHB35W28 28mm	PHB35W28-630	8	11.2	0.4	30	12	0.3	0.42	12	0.066
PHB35W34 34mm	PHB35W34-630	10	14	0.4	30	18	0.6	0.84	18	0.099

● Mechanical Dimension



Series	L		Mass	
	mm	(in.)		g
PHB35W20	20	(0.79)	120	(0.26)
PHB35W28	28	(1.10)	130	(0.29)
PHB35W34	34	(1.34)	190	(0.42)

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