

2 Phase Hybrid Stepper Motor

86PH Series, 1.8 degree, Nema 34, 86 mm

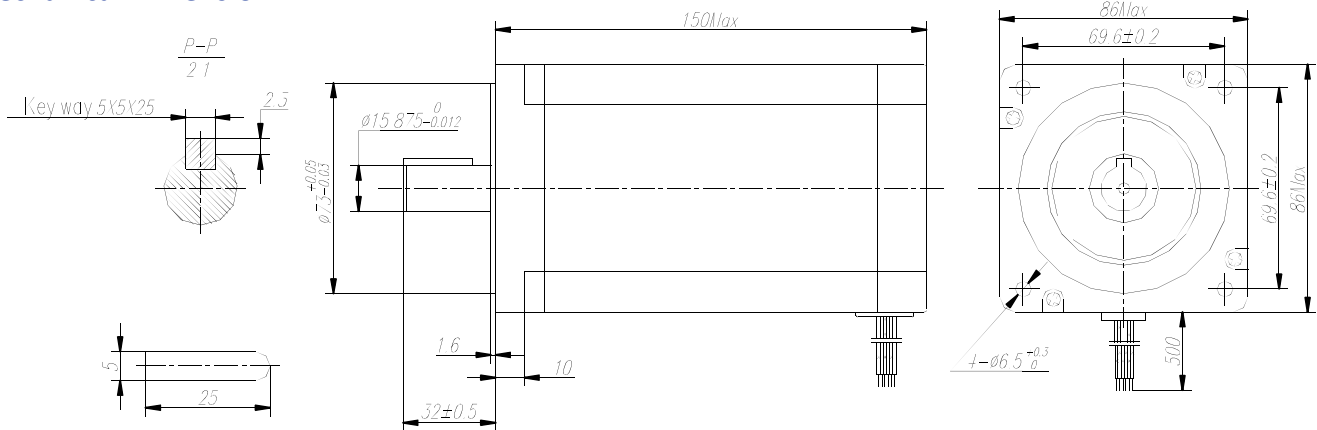
Step Angle	1.8°
Step Angle Accuracy	±5% (full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80 °C Max.(rated current, 2 phase on)
Ambient Temperature	-10 °C ~ +50 °C
Insulation Resistance	100 MΩ Min., 500VDC
Dielectric Strength	820VAC, 1s, 3mA
Shaft Radial Play	0.02 Max. (450 g-load)
Shaft Axial Play	0.08 Max. (920 g-load)



■ Technical Specifications

Model	Current	Resistance	Inductance	Holding Torque	Bi/Unipolar	Detent Torque	Rotor Inertia	Weight	Length
	A/∅	Ω/∅	mH/∅	Nm	# of Leads	Ncm	g.cm ²	kg	mm
86 PH 120	5.6	0.7	9.2	12.5	Bi-P (8)	24.5	2500	5.0	150
	2.8	2.8	36.8	12.5	Bi-S (8)				
	4.0	1.4	9.2	5.5	Uni (8)				

■ Mechanical Dimension



■ Wiring Diagram

