

86VHS

NEMA34 1.8° 2-Phase Hybrid Stepper Motor



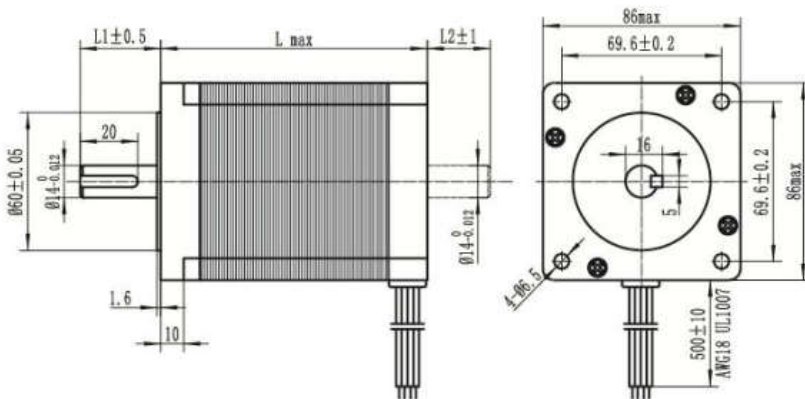
Item	Specifications
Step Angle	1.8°
Temperature Rise	80°C Max
Ambient Temperature	-20°C Max~+50°C
Insulation Resistance	100M ΩMin.,500VDC
Dielectric Strength	500VAC for 1 minute
Shaft Radial Play	0.02Max (450g-load)
Shaft Axial Play	0.08Max(450g-load)
Max.Radial Force	220N(20mm from th flange)
Max.Axial Force	60N



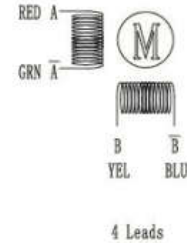
Electrical Specifications

Model No	Step Angle (°)	Rated Voltage (V)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (Kg.cm)	Rotor Inertia (g.cm ²)	Detent Torque (g.cm Max)	Motor Length (mm)	Lead Wires No.	Motor Weight (Kg)
86VHS-82	1.8	1.4	4.5	0.32	2.8	45	1500	1300	82	4	2.5
86VHS-118	1.8	3.6	6	0.6	6	85	2700	2400	118	4	3.7
86VHS-156	1.8	3.9	5.5	0.7	9	120	4000	3600	156	4	5.5

Dimensions (Unit=mm)



Wiring Diagram



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