



### 86mm Series 2 Phase

Step angle accuracy	5%
Temperature	80°C Max
Ambient temperature	-20°C~+50°C
Insulation resistance	100MΩ Min 500VDC
Voltage endurance	500V AC 1minute
Shaft radial deviation	Max 0.02mm (450g)
Shaft axial deviation	Max 0.08mm (450g)

Typical Application:

Product Details

Data Sheet

Dimension

Encoder Connection

Motor Connection

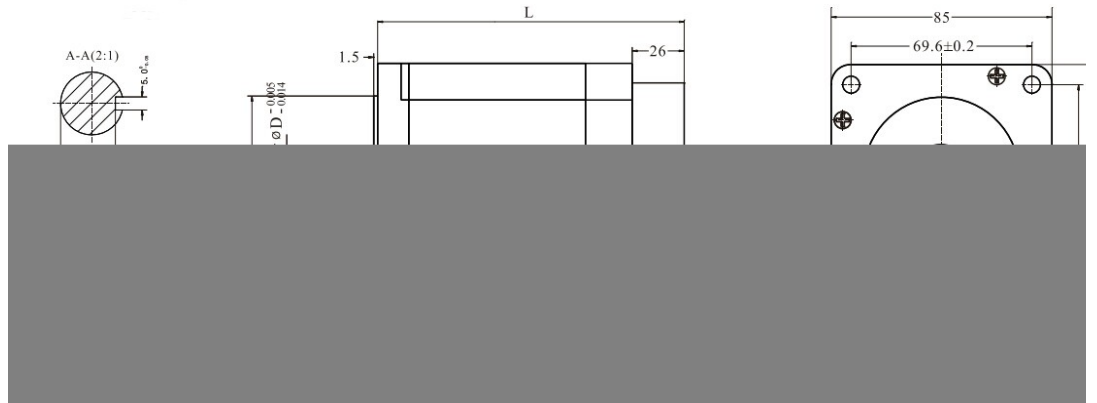
Package Product

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Data Sheet

型号	步距角	额定电压	电机总长度	保持转矩	额定电流	相电阻	相电感	转子惯量	电机重量	电机
Model	Step Angle (°)	Voltage (V)	Length L(mm)	Holding torque (N.m)	Current (A/phase)	Resistance (Ω)	Inductance (mH)	Rotor inertia (g.cm <sup>2</sup> )	Weight (kg)	Motor I
YK286EC80A1	1.8	3.0	106	4.0	6.0	0.5	6.5	3600	4.0	4
YK286EC118A1	1.8	2.45	144	8.0	6.0	0.44	3.73	3200	5.0	4
YK286EC118B1	1.8	2.45	144	8.12	7.0	0.35	3.20	3000	4.0	4
YK286EC156B1	1.8	2.45	182	12.5	6.0	1.25	6.00	4500	4.5	4
YK286EC156C1	1.8	2.45	182	12.0	6.0	0.45	5.20	4800	4.5	4

Dimension

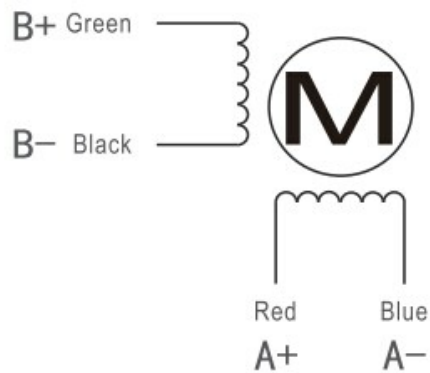


Model	Shaft Diameter	Shaft Extension	Shaft Length
YK286EC80A1	14	5x5x25	40
YK286EC118A1	14	5x5x25	40
YK286EC118B1	12	1X1X25	29
YK286EC156B1	12	1X1X25	29
YK286EC156C1	14	5x5x25	40

☰ Encoder Connection

Black	EGND
Blue/White	EA-
Yellow/White	EB-
Red	+5VCC
Blue	EA+
Yellow	EB+


☰ Motor Connection



⚙️ Package Product



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