



## 3-Phase Hybrid Stepping Motors 130 Series

High Torque/Volume Ratio, Low Resonance

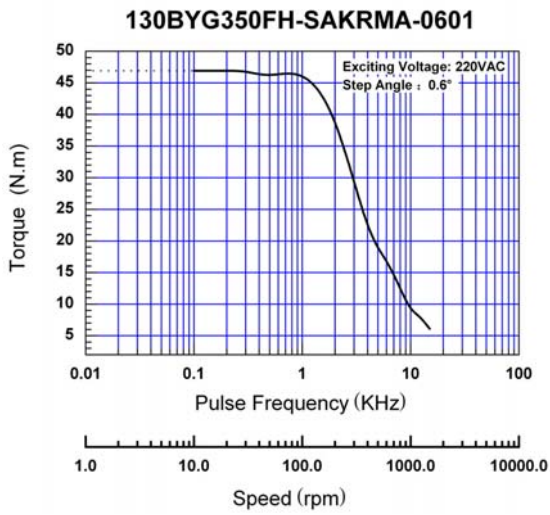
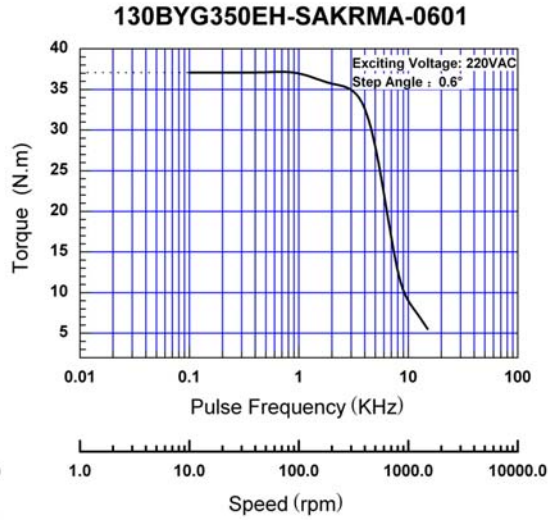
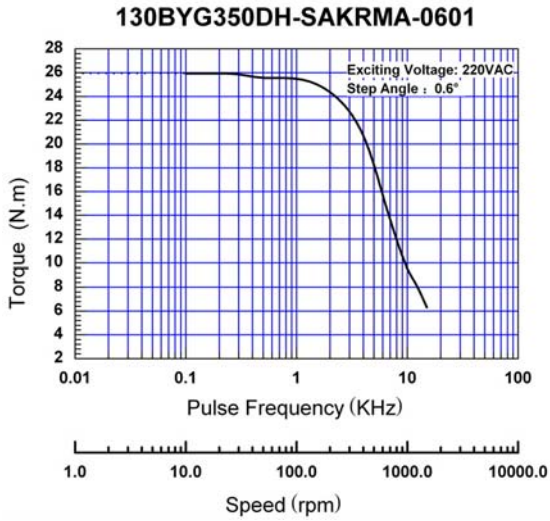


<b>Insulation Resistance:</b>	500VDC 100MΩ Min
<b>Shaft Axial Play:</b>	1mm Max
<b>Shaft Radial Play:</b>	0.02mm Max
<b>Temperature Rise:</b>	65K Max
<b>Dielectric Strength:</b>	1000VAC 1Min
<b>Ambient Temperature:</b>	- 25°C ~ +40°C
<b>Class of Insulation:</b>	B

### Electrical Ratings

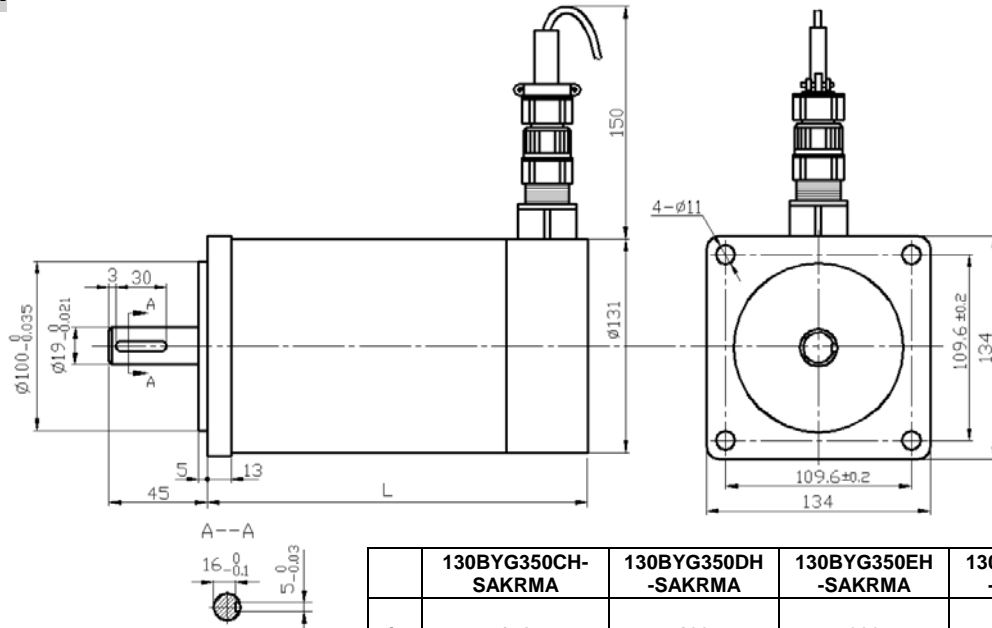
Items	Module	Phase	Step Angle (°)	Phase Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (N·m)	Detent Torque (Nm)	Voltage (VDC)	Weight (Kg)	Rotor Inertia (g·cm <sup>2</sup> )
062645	130BYG350CH-SAKRMA-0602	3	0.6/1.2	6	1.75	14.6	23	0.6	80~350	13.5	25000
062650	130BYG350DH-SAKRMA-0602	3	0.6/1.2	6	2.0	18	25	0.8	80~350	16.5	30000
062660	130BYG350EH-SAKRMA-0602	3	0.6/1.2	6	2.3	22	35	1.0	80~350	17.5	35000
062670	130BYG350FH-SAKRMA-0602	3	0.6/1.2	6	3.0	29	45	1.2	80~350	22	45500

## Pullout torque Speed Curves

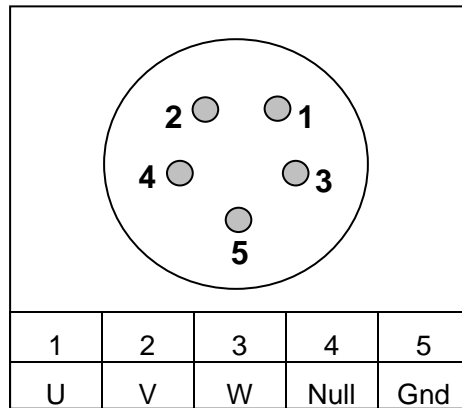


## Dimensions

[Unit: mm]



## Wiring Diagram



### ⚠ Cautions:

1. Flange mounting is mandatory for concentricity.
2. Hazard will happen for wrong connection.