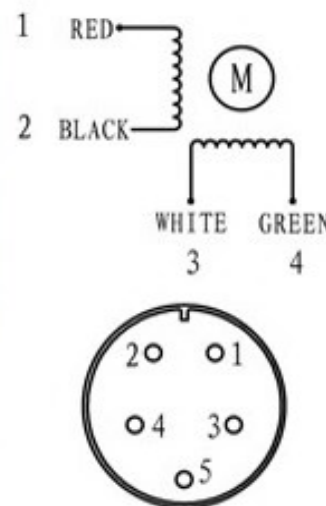


# 130mm 2 Phase Hybrid Stepping Motor

Step angle	---- 1.8°
Step Angle Accuracy	---- ±5% (full step, no load)
Resistance Accuracy	---- ±10%
Inductance Accuracy	---- ±20%
Insulation Resistance	---- 500VDC 100MΩMin
Dielectric Strength	---- 1000VAC 1 minute
Ambient Temperature	---- -20°C-- +50°C
Temperature Rise	---- 80°C Max(rated current)
Shaft Axial Play	---- 0.3mm Max(450g load)
Shaft Radial Play	---- 0.025mm Max(450g load)
Max Axial Force	---- 60N
Max Radial Force	---- 220N(20mm from the flange)
Insulation Class	---- B



## \* Specifications

Model	Motor Codes	Voltage /Phase	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	NO. Leads	Rotor Inertia	Weight	Length
Units		V	A	Ω	mH	N. m		Kg. cm <sup>2</sup>	Kg	mm
SY130ST199-6004A	250199000	220	6.0	0.75	12	27	FIVE HOLE SOCKET	30	16	199
SY130ST226-6004A	250226000	220	6.0	0.86	12.5	36	FIVE HOLE SOCKET	35	18	226
SY130ST282-7004A	250282000	220	7.0	0.66	9	50	FIVE HOLE SOCKET	45.5	22	282

## \* Dimension

