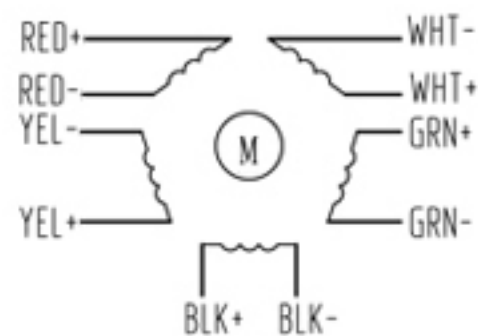
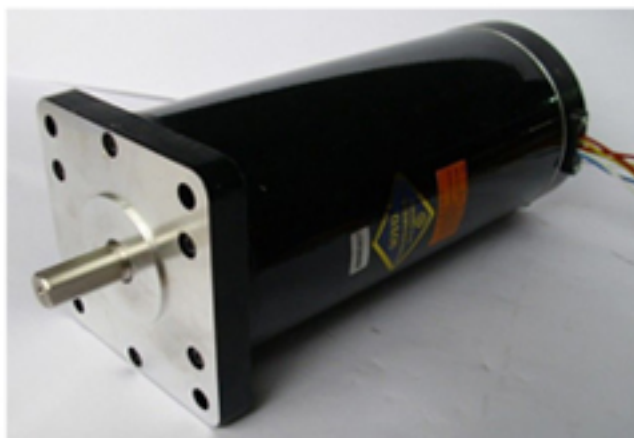


110mm 5 Phase Hybrid Stepping Motor Use in Embroidery Machine

Step angle	----	0.72°
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℃-- +50℃
Temperature Rise	----	80℃ 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	Leads	Rotor Inertia	Weight	Length
Units		V	A	Ω	mH	N. m		Kg. cm ²	Kg	mm
SY1105P221-3010B	230221003	3.57	3	1.19	11.6	18	10	20.4	11.47	221
SY1105P252-3010B	230252004	3.9	3	1.3	16.2	25	10	23.6	13.27	252

* Dimension

