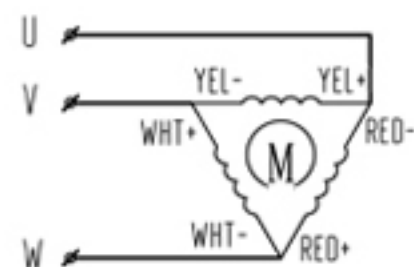
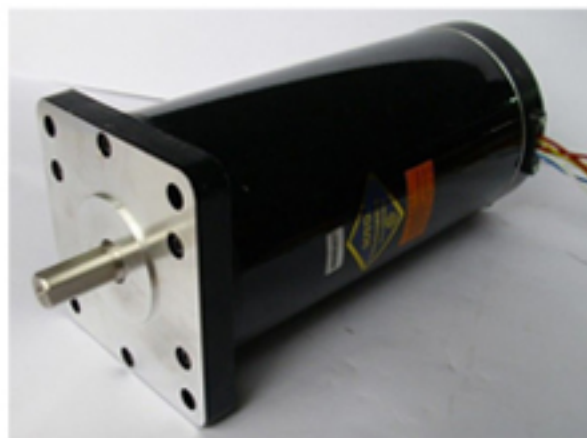


110mm 3 Phase Hybrid Stepping Motor Use in Embroidery Machine

Step angle	----	1.2°
Step Angle Accuracy	----	±5% (full step, no load)
Resistance Accuracy	----	±10%
Inductance Accuracy	----	±20%
Insulation Resistance	----	500VDC 100MΩMin
Dielectric Strength	----	500VAC 1 minute
Ambient Temperature	----	-20℃-- +50℃
Temperature Rise	----	80℃ Max(rated current)
Shaft Axial Play	----	0.08mm Max(450g load)
Shaft Radial Play	----	0.02mm 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
SY1103P175-5203B	220175004	3	3	1	14	13	3	15	8.76	175
SY1103P221-5203B	220221002	6.3	3	2.1	12.8	16	3	20.4	11.57	221
SY1103P252-5203B	220252000	7.8	3	2.6	23.5	22	3	23.3	13.47	252

* Dimension

