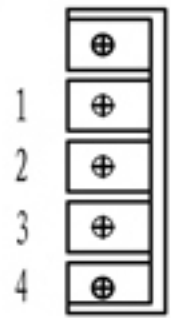


110mm 3 Phase Hybrid Stepping Motor

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



1-U-RED
2-V-YEL
3-W-WHT
4-GND

* Specifications

Model	Motor Codes	Voltage /Phase	Current / Line	Resistance /Line	Inductance /Line	Holding Torque	NO. Leads	Rotor Inertia	Weight	Length
Units		V	A	Ω	mH	N. m		Kg. cm ²	Kg	mm
SYF1103P118-4203A	240118000	220	4.2	1.0	12.5	8	ROW PIN	7.4	5.5	118
SYF1103P125-4203A	240125000	220	4.2	1.1	9	9	ROW PIN	7.8	6.0	125
SYF1103P139-4203A	240139000	220	4.2	1.2	13	12	ROW PIN	8.4	6.5	139
SYF1103P180-6403A	240180000	220	6.4	0.9	9.5	16	ROW PIN	12.8	8.5	180
SYF1103P221-5203A	240221000	220	5.2	1.9	18	20	ROW PIN	16.8	11	221

* Dimension

