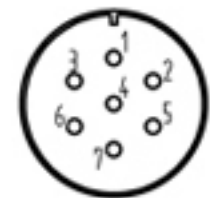
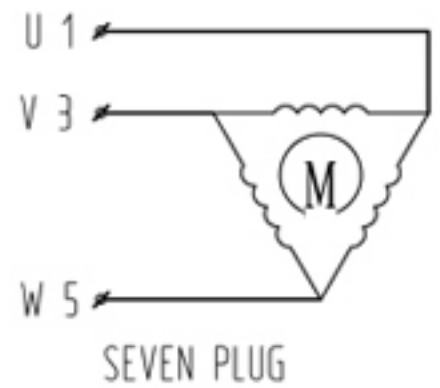
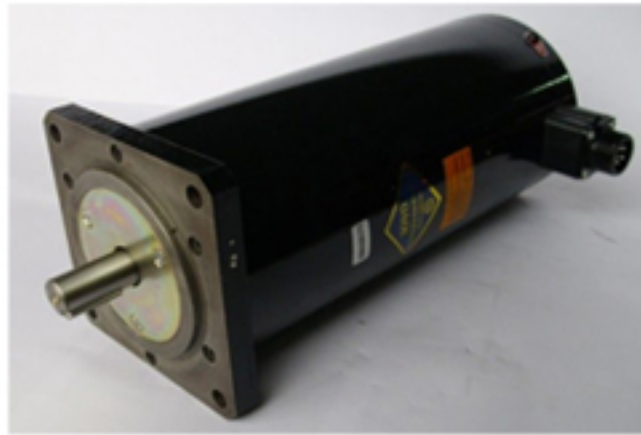


110mm 3 Phase Hybrid Stepping Motor

- 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



2 4 6 EMPTY
7 GND

* 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
SY1103P122-S203A	190122000	6	3	2	13	8	3	7	6.3	122
SY1103P174-S203A	190174000	4.5	3	1.5	11.3	12	3	12	9.4	174
SY1103P220-S203A	190220000	6	3	2	18	18	3	16.3	11.8	220
SY1103P251-S203A	190251000	6.6	3	2.2	20	22	3	19.3	13.5	251

* Dimension

