

TSM42-075-22-4V-060A-LW4



- Permanent Magnet Stepper Motor
- Precise Motion at a Low Cost
- 11.1 oz-in Bipolar Holding Torque
- 42mm Diameter
- Customization Available for:
 - Winding Current Optimize Torque
 - Shaft Options
 - Cables and Connectors
- CE Certified and RoHS Compliant

Specifications

Item	Specifications
Step Angle Accuracy	± 8% (full step, no load)
Resistance Accuracy	± 10%
Inductance Accuracy	± 20%
Temperature Rise	80° C Max
Ambient Temperature	-20°C to +50°C
Insulation Resistance	100MOMin. 500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.06Max. (450 g-load)
Shaft Axial Play	0.08Max. (450 g-load)

Model	Step Angle (deg)	# Of Wires	# Of Phases	Voltage (V)	Current Per Phase (A)	Resistance Per Phase (ohms)	Bipolar Holding Torque (oz-in)	Detent Torque (oz-in)	Rotor Inertia (oz-in-sec ²)	Weight (lbs)	Length (mm)
TSM42-075-22-4V-060A-LW4	7.5	4	2	4.2	0.60	7	11.1	2.9	9.6	0.16	21.9

