

HYBRID STEPPER MOTOR MODEL ETS535-1

Specification

Step Angle	0.9° full step
Rated Voltage	4.25V dc
Rated Current	0.425A/phase
Insulation Class	B
Ambient Temperature	0°C to 50°C
Winding Resistance	10Ω
Winding Inductance	8.5mH
Number of Lead Wires	4
Insulation Resistance	> 100MΩ (at 500V dc)
Dielectric Strength	> 500V ac for 1 minute
Temperature Rise	Max 80°C
Holding Torque	7.5N-cm
Detent Torque	Nominal 0.4N-cm
Step Accuracy	5%



Mechanical Characteristics

Shaft Configuration	Single shaft, 2 x thru-hole near spigot
Shaft Diameter	5.0mm
Rotor Inertia	15 g-cm ²
Bearing Type	Single row ball bearings, lubricated for life
Weight	210g
Lifetime	> 10,000hr at 500pps rate without frictional & inertial load

Bipolar Drive	Lead Wire Colour
A+	White
A-	Yellow
B+	Red
B-	Blue

