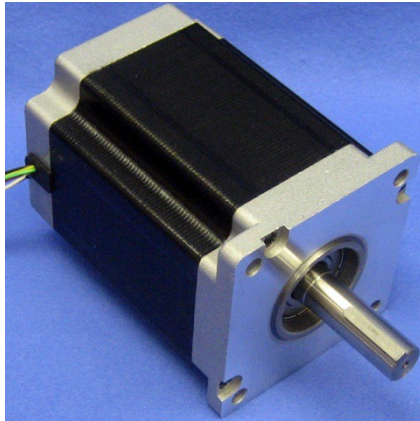




VRE 86HS97-4008(NEMA 34) Stepper Motor



Specification:

- Step Accuracy ----- ±5%
- Resistance Accuracy ----- ±10%
- Inductance Accuracy ----- ±20%
- Ambient Temperature Range ----- -20°C~ +50°C
- Storage Temperature Range ----- -30°C~ +60°C
- Insulation Resistance ----- 100M) MIN. 500V DC
- Dielectric Strength ----- 500V AC 1min
- Radial Play ----- 0.02mm MAX. (450g Load)
- End Play ----- 0.08mm MAX. (450g Load)

General specifications		Electrical specifications	
Step Angle (°)	1.8	Rated Voltage (V)	3.0
Temperature Rise (°C)	80 Max (rated current, 2 phase on)	Rated Current (A)	5.5
Ambient temperature (°C)	-20 ~ +50	Resistance Per Phase (+10%Ω)	0.56 (25°C)
Number of Phase	2	Inductance Per Phase (+20% mH)	4.1
Insulation Resistance (MΩ)	100 Min (500VDC)	Holding Torque (Kg.cm)	68.0
Insulation Class	Class B	Detent Torque (g.cm)	160
Max.radial force (N)	28 (20mm from the flange)	Rotor Inertia (g.cm ²)	1900
Max.axial force (N)	10	Weight (Kg)	3.0
No.Of Leads	8	Frame Size	85x 85
Shaft/ total length	97 mm	Shaft dia	12 .7mm