

Synchronous Electric Motor

This synchronous electric motor is engineered for precise and consistent rotational speed. Its compact design suits timing devices, small appliances, and automation systems.



Product Overview

High-Efficiency Synchronous Motor

This compact synchronous motor is engineered for consistent performance in precision-driven applications such as timing devices, home appliances, and automation systems. It features a reliable dual-direction control system and is built to operate efficiently within a wide range of environmental conditions. With an insulation class E rating, it offers robust durability and long-term operational stability for professional-grade integration.

Electrical Specifications

Rated Voltage	220 V
Power Frequency	50/60

Performance Metrics

Key Performance Metrics

5 W Input Power	30 mA Input Current	200 Kgf-cm Output Torque
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Operational Characteristics

Output Speed	375/450
Output Direction	Dual direction control

Environmental and Safety

Insulation Class

Class E

Operating Temperature	-15 to 40
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Technical Standards

Technical Ratings Table

Parameter	Value
Starting Voltage	187V AC
Dielectric Strength	AC1500V 50Hz/1min
Insulation Resistance	e100M Ω
Noise Level	d40db(A)
Coil Temperature Rise	d60K