

Single-Phase Shaded Pole Induction Motor

This is a single-phase shaded pole induction motor designed for low-torque applications. It utilizes shading coils to generate a rotating magnetic field for self-starting operation.



Product Overview

Compact Single-Phase Induction Motor

This shaded pole induction motor offers a robust and cost-effective solution for low-torque applications. Utilizing a salient pole stator design with integrated shading coils, the motor ensures reliable self-starting capabilities. It is specifically engineered for high-durability tasks in environments where simplicity and maintenance-free operation are prioritized.

Technical Specifications

Motor Type	Single-phase induction motor
Design Features	Shaded pole, Salient pole stator, Squirrel-cage rotor, Self-starting

Application Suitability

Typical Applications

- Fans
- Small pumps
- Domestic appliances

Performance Characteristics

Operational Profile

0 Low

Starting Torque

0 Low

Efficiency