

Capacitor Motor for Home Appliances

This series motor is designed for use in home appliances such as electric fans. It provides the power needed for efficient fan operation.



Overview

High-Efficiency Capacitor Motor

This series capacitor motor is engineered specifically for home appliances, such as electric fans, requiring reliable and continuous operation. Designed with a standard S1 duty cycle and Insulation Class B, it ensures durability and consistent performance in demanding residential environments. The motor features a robust construction with clockwise rotation, making it a versatile component for various cooling and ventilation applications.

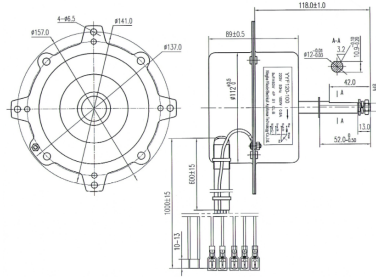
Electrical Specifications

| | |
|------------------------|------------|
| Rated Voltage | 220 V |
| Frequency | 50 Hz |
| Rated Power | 120 W |
| Rated Current | 1 A |
| Capacitor Requirements | 5uF / 450V |

Mechanical Specifications

| | |
|--------------------|----------------|
| Duty Cycle | S1 |
| Insulation Class | Class B |
| Rotation Direction | Clockwise (CW) |
| Pole Count | 4 |

Technical Dimensions



Detailed technical diagram illustrating shaft dimensions, mounting hole patterns, and overall housing measurements.

Key Dimensions

| Feature | Value |
|----------------------|-------------|
| Motor Body Diameter | Ø112±0.5mm |
| Mounting Hole Circle | Ø157.0mm |
| Shaft Diameter | Ø12-0.03mm |
| Shaft Length | 52.0±0.50mm |
| Overall Length | 118.0±1.0mm |