

# AC Capacitor Motor for Home Appliances

This AC capacitor motor is designed for use in home appliances such as electric fans. It operates at 220V and 50Hz.



## Overview

### High-Efficiency AC Capacitor Motor

This EF94 series capacitor motor is engineered specifically for home appliance applications, such as air conditioner fans. It offers reliable performance with a stable speed of 850r/min and is designed for standard 220V/50Hz power grids. The compact, durable construction includes integrated ventilation and precision-engineered mounting features for easy installation.

## Electrical Specifications

Rated Voltage	220 V
Rated Frequency	50 Hz
Power Consumption	30 W
Rated Current	0.25 A
Capacitor Specs	3uF / 450V

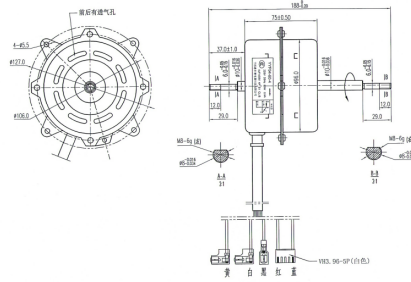
## Performance

### Rated Speed

**850 r/min**

Speed

## Physical Dimensions



Dimensional blueprint of the EF94 series motor, including cross-sectional views and mounting specifications.

### Physical Dimensions

Feature	Dimension
Motor Length	188mm $\pm$ 0.20mm
Body Width	75mm $\pm$ 0.50mm
Body Height	37.0mm $\pm$ 1.0mm
Body Diameter	96mm
Shaft Diameter	10mm
Shaft Length	29mm

### Mounting Features

- Mounting holes diameter: 5.5mm
- Circular front design diameter: 127mm
- M8-6g threaded features

### Connectivity

#### Wiring & Connector

Yellow, White, Black, Red, Blue, VH3.96-5P Connector