

# Heavy-Duty Single-Phase Induction Motor

This heavy-duty single-phase induction motor is suitable for driving small machine tools and water pumps, especially in family workshops with only single-phase power. The motor features high starting torque, smooth running, and low noise.



## ADDITIONAL IMAGES



## Product Overview

### Robust Single-Phase Induction Motor

This heavy-duty single-phase capacitor start induction motor is engineered for demanding industrial and commercial applications. Built to meet international IEC standards, it features a totally enclosed fan-cooled design for superior durability in adverse conditions. Its high starting torque and smooth, low-noise operation make it an ideal choice for machinery like compressors, water pumps, and machine tools.

## Key Performance Metrics

### Starting Torque Performance

**3 rated**

Starting Torque (50Hz)

**2.75 rated**

Starting Torque (60Hz)

## Technical Specifications

### Enclosure Rating

IP44 • Totally Enclosed Fan-Cooled

### Duty Type

Continuous Duty

## Application Suitability

### Recommended Uses

- Small-sized machine tools
- Water pumps
- Compressors
- General industrial machinery

## Performance Data

### Operational Characteristics

Feature	Description
Starting Method (<= 3HP)	Capacitor Start
Starting Method (>= 4HP)	Capacitor Start and Run
Operating Temperatures	Low-temperature rise design
Noise Level	Low-noise operation