

# Brushed Electric Motor for Power Tools

Brushed electric motors are commonly used in power tools. The motor features an armature with copper windings, commutator, carbon brushes, stator with field windings, and cooling fan.



## Overview

### High-Performance Brushed Motor

This brushed electric motor is engineered specifically for demanding power tool applications, offering a robust power-to-weight ratio. The design features high-quality copper windings and an integrated cooling fan to ensure efficient heat dissipation during prolonged operation. It serves as a reliable core component for handheld tools such as drills and saws, providing consistent torque and performance.

## Technical Specifications

### Internal Components

- Armature with copper windings
- Commutator
- Carbon brushes
- Stator with field windings
- Cooling fan
- End caps

Motor Type

Brushed Electric Motor

## Performance Features

### Key Performance Attributes

**1 High**

Power-to-Weight Ratio

## Applications

Compatible Tools

Drills, Saws, Handheld Power Tools