

## 2.2kW Parallel Shaft Gear Motor 60 RPM

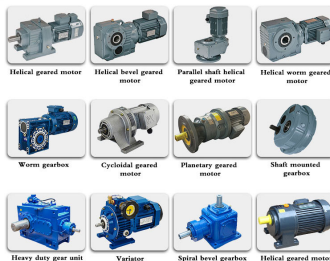
This parallel shaft gear motor features a 2.2kW electric motor and delivers an output speed of 60 RPM. It is designed for industrial applications requiring reliable power transmission.



### ADDITIONAL IMAGES



### Overview



Our comprehensive range of industrial gear motors, including parallel shaft helical designs, engineered for diverse torque and speed requirements.

### High-Efficiency Parallel Shaft Gear Motor

This 2.2kW parallel shaft gear motor features a modularized design for compact construction and high transmission torque. Engineered for demanding industrial environments, it utilizes high-strength alloy steel gears with precision grinding to ensure low noise and high mechanical efficiency. It is an ideal solution for machinery in sectors such as paper production, chemical processing, mining, and metallurgy.

### Performance Metrics

#### Key Operational Metrics

**60 RPM**

Output Speed

**2.2 kW**

Power Rating

**95 %**

Typical Efficiency

**64 dB**

Noise Level (Avg)

## Construction & Materials

### Housing Specifications

Property	Specification
Material	HT250 High-strength cast iron
Hardness	HBS190-240

### Gear & Shaft Construction

- Gear Material: 20CrMnTi alloy steel
- Gear Surface Hardness: HRC58°~62°
- Gear Core Hardness: HRC33~40
- Shaft Material: 42CrMo alloy steel
- Shaft Hardness: HRC25~30
- Machining Precision: Grade 6~5

## Operational Limits

### Environmental & Operational Limits

- Max Temperature Rise (Motor): 40°C
- Max Temperature Rise (Oil): 50°C
- Vibration: d20µm
- Backlash: d20Arcmin

## Components

### Standard Components

HRB, LYC, ZWZ, NAK Oil Seals

## Applications

### Suitable Industries

Paper Making • Chemical Machinery • Mining • Metallurgy • Pharmaceuticals • Printing • Cement Industry