

# RV030 Aluminum Worm Gear Speed Reducer

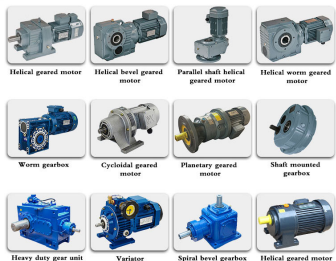
This worm gear speed reducer features a durable aluminum housing for efficient heat dissipation. The RV030 model offers multiple output speeds, including 30rpm, 60rpm, and 80rpm.



## ADDITIONAL IMAGES



## Overview



The RV030 series is part of a comprehensive range of professional industrial transmission solutions.

### RV030 Aluminum Worm Gear Reducer

The RV030 series is a precision-engineered worm gear speed reducer designed for versatile industrial applications. Featuring a lightweight yet durable aluminum alloy or cast iron housing, this unit ensures efficient heat dissipation, steady operation, and low noise levels. With a compact form factor, it provides high carrying capacity, making it an ideal choice for machinery in sectors such as chemical, food, beverage, and pharmaceutical production.

## Performance Metrics

### Key Performance Metrics

**880 Nm**

Max Output Torque

**15 kW**

Max Motor Power

**68 dB**

Max Noise Level

## Technical Specifications

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Feature	Specification
Housing Material	ZL108 Al-alloy or HT200 cast iron
Worm Wheel Material	ZCuSn10Pb1
Worm Gear Material	40Cr
Efficiency	50% - 65%
Backlash	d20Arcmin
Vibration	d20

## Operational Limits

### Temperature and Oil

- Max Temperature Rise: 50
- Max Oil Temperature Rise: 60
- Lubricant: GB Gn230-460 Synthetic or Mineral oil

## Applications

### Industry Applications

Chemical, Plating, Ceramic, Leather, Pharmaceutical, Food processing, Beverage