

RV030 Aluminum Worm Gear Speed Reducer

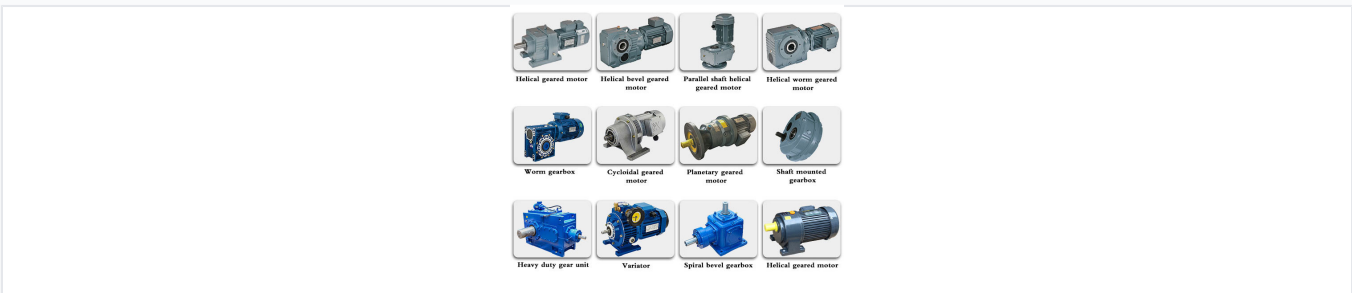
This worm gear speed reducer features a durable aluminum housing for efficient heat dissipation. The RV030 model offers multiple output speeds, including 30rpm, 60rpm, and 80rpm.



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

Technical Specifications

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