

Food Grade Stainless Steel Worm Gear Reducer

This worm gear reducer is constructed from food-grade stainless steel with a smooth surface finish. It is designed for efficient speed reduction and reliable power transmission in hygienic environments.



ADDITIONAL IMAGES



Product Overview



A durable, corrosion-resistant gearbox designed for demanding industrial environments.

Hygienic Worm Drive Solution

This worm drive reduction gearbox is engineered specifically for environments where hygiene and corrosion resistance are paramount, such as food processing and pharmaceutical facilities. Constructed with a smooth stainless steel surface, it prevents rust and allows for easy cleaning. The unit features an optimized design that delivers high efficiency, low noise operation, and improved thermal management through integrated stiffener ribs.

Key Features

Core Advantages

Food Grade, Corrosion Resistant, Low Noise, High Efficiency, Lightweight, Leak-Free Design

Technical Specifications



Updated configuration details including cooling ribs and wide-ranging motor input compatibility.

Motor Compatibility

- AC Motor (1-phase or 3-phase)
- DC Brush Motor
- DC Brushless Motor
- Stepper Motor
- Servo Motor

Design Configurations

- Metric or Inch sizing
- Square or Round housing shapes
- Stainless steel or Aluminum body construction

Performance Improvements

15 %

Total Performance Increase