

# NEMA Inch Size Stainless Steel Worm Gearbox

This NEMA inch size stainless steel worm gearbox is lightweight and rust-resistant. It is designed for smooth operation and can work for extended periods in demanding conditions.



## ADDITIONAL IMAGES



## Product Overview



High-precision worm gearbox designed for durability in harsh industrial environments.

### NEMA Inch Size Stainless Steel Worm Gearbox

These high-precision worm gearboxes are engineered for demanding industrial environments, featuring a robust stainless steel construction that ensures exceptional corrosion resistance and durability. Designed to meet standard NEMA inch size dimensions, they provide reliable power transmission with minimal backlash and high efficiency. Their compact, lightweight design and versatile compatibility make them an ideal solution for applications in food processing, pharmaceutical, and marine industries.

## Key Features

**Advantages**

- High efficiency
- High torque
- Low noise
- Low inertia

**Updated configuration**

- Motor in front of housing
- Total efficiency up to 90%
- More efficient and more durable

**Multiple motor types**

- AC motor (1 phase or 3 phase)
- DC brush motor
- DC brushless motor
- Stepper motor
- Servo motor

**Material choice**

- New design for 100% efficiency
- More efficient and durable
- Higher or lower torque
- Different or standard assembly

Overview of compatibility with various motor types and key performance advantages.

### Advantages

- High efficiency with low noise operation
- Corrosion-resistant stainless steel construction
- Lightweight and compact design
- Smooth running for long-term reliability in harsh conditions
- Updated configuration for improved performance and cooling

## Compatibility

### Compatible Motor Types

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

## Technical Specifications

### Performance Metrics

**15 %**

Performance Improvement

### Design Variations

Feature	Available Options
Sizing Standard	Metric or Inch
Housing Shape	Square or Round
Material	Aluminum or Stainless Steel