

NEMA Inch Size Stainless Steel Worm Gearbox

This stainless steel worm gearbox is designed for NEMA inch size compatibility. It features robust construction for industrial applications, ensuring durability and reliable power transmission.



ADDITIONAL IMAGES



Product Overview



Durable stainless steel housing designed for high-torque industrial applications.

High-Performance Worm Gearbox

This NEMA inch-size worm gearbox is engineered for high performance and durability in demanding industrial environments. Constructed for corrosion resistance, it features an optimized design that improves overall performance by 15% and ensures efficient cooling through integrated stiffener ribs. The unit is versatile, supporting a wide range of motor inputs including AC, DC, stepper, and servo motors, making it an ideal solution for precise motion control.

Key Features


Performance Highlights

Corrosion Resistant, High Efficiency, Low Noise, Leak-Free Design, Improved Cooling

Technical Specifications

Advantages

- High Torque Density
- High Efficiency
- Low Temperature Rise
- Low Noise




Updated configuration

- Motor in front view of housing
- Total efficiency is 92% higher
- More efficient and lower noise
- Higher torque


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 series
- Motor case with cast
- Higher or lower torque
- Different or various gear body



Overview of design improvements including stiffer ribs for cooling and leak-free performance.

Compatible Motor Types

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

Design & Construction

Category	Options
Size Standard	Metric / Inch
Housing Shape	Square / Round
Material	Stainless Steel / Aluminum

Performance Gain

15 %

Total Performance Improvement