

Worm Gear Speed Reducer

These worm gear speed reducers are designed to optimize transmission efficiency between the worm wheel and worm. Their robust design ensures low noise, minimal vibration, high bearing capacity, and extended operational life.



Overview

Worm Gear Speed Reducer

The Worm Gear Speed Reducer is a robust mechanical power transmission component designed for efficient speed reduction and torque amplification. Featuring a worm and worm wheel configuration, this gearbox provides high gear ratios in a compact footprint, making it ideal for industrial machinery, automation systems, and conveyor applications. These units are built with precision-engineered components to ensure smooth operation, minimal backlash, and long-term durability in demanding environments.

Technical Specifications

Model Range	30~90
Gear Ratio Range	7.5~100

Performance Metrics

Input Power Range

0.1 kW Min Input Power	6.3 kW Max Input Power
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Output Torque Range

13 N.m Min Output Torque	610 N.m Max Output Torque
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Application

Common Industrial Applications	Industrial Machinery, Automation Systems, Conveyor Systems
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