

# Planetary Gearbox

This planetary gearbox provides precision gearing in a cost-effective design. Its features include high efficiency, low noise, and optimized inertia for an extended service life.



## Product Overview

### Precision Power Transmission

The SPLS series planetary gearbox is a precision-engineered component designed for demanding industrial applications requiring high torque density and efficiency. Crafted from alloy forged steel with advanced heat treatment, these gearboxes utilize a helical gear design and full needle roller bearings for smooth, reliable operation. The unit is fully sealed against contaminants, making it an ideal choice for robotics, automation, and high-performance industrial machinery.

## Construction & Design

### Key Construction Features

- Alloy forged steel raw material
- Hardened gears for extended service life
- Full needle roller bearings
- Sealed housing for environmental protection
- High-level gear grinding craft

### Engineering Technology

Helical Gear Design, Precision Engineered, High Torque Density

## Applications

### Suitable Industries

Robotics • Automation • General Industrial Machinery