

Planetary Gearbox

This planetary gearbox provides extremely high precision gearing and powerful stability. It features optimized inertia moment, limited temperature rise, and flexible input mounting dimensions.



Overview

High-Precision Planetary Gearbox

Designed for demanding industrial applications, this planetary gearbox utilizes alloy forged steel and advanced heat treatment processes for exceptional durability. Featuring a helical gear design and full needle roller bearings, it ensures smooth, efficient power transmission. The integrated caged planetary carrier and output shaft provide high rigidity, making this an ideal solution for servo motor applications requiring high torque and precision.

Technical Construction

Material Composition	Alloy Forged Steel, Heat Treated
Bearing Configuration	Full needle roller bearings
Gear Design	Helical gear design

Performance Features

Key Advantages

- High rigidity via integrated planetary carrier and output shaft
- High-precision performance
- Minimal backlash
- Global top-level gear grinding craft

Ideal Applications

Servo Motor Systems • High Torque Applications • High Precision Machinery