

Helical-Hypoid Gearbox

Helical-hypoid gearboxes are right-angle gearboxes offering high efficiency and a compact design. They are frequently used in applications needing high torque transmission and precise motion control.



ADDITIONAL IMAGES



Overview

High-Efficiency Helical-Hypoid Gearbox

The Helical-Hypoid gear unit is a high-performance right-angle gearbox engineered for industrial applications requiring precise motion control and high torque transmission. By combining helical and hypoid gear sets, this unit achieves superior efficiency and a larger contact area, resulting in smoother operation, reduced noise, and extended service life. Its compact design and robust housing make it an ideal solution for demanding environments such as conveyor systems, packaging machinery, and automation equipment.

Technical Specifications

Gear Type	Helical-Hypoid
Configuration	Right-angle
Housing Material	Cast Iron, Aluminum

Performance Metrics

Key Performance Features

- High gear ratios
- Compact size
- High efficiency
- Low noise operation
- High load-carrying capacity

Performance Highlights

90 degrees

Direction Change

Application

Common Applications

Conveyor Systems • Packaging Machinery • Automation Equipment