

Cycloidal Gearbox Reducer with Motor

This cycloidal gearbox reducer integrates an electric motor for efficient power transmission. Its robust construction and cycloidal design ensure smooth operation and minimal backlash in demanding industrial environments.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Cycloidal Drive Solution

This B/X series cycloidal gearbox reducer with an integrated motor is designed for demanding industrial applications requiring high torque and precise speed control. Its unique cycloidal design ensures smooth operation with minimal backlash and exceptional overload capacity. Built with durable materials and advanced heat treatment, this unit provides a compact yet robust solution for power transmission across various manufacturing and automation sectors.

Performance Metrics

Performance Highlights

96 % Max Efficiency	70 dB Max Noise Level	60 Max Temp Rise
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Technical Specifications

Mechanical Precision

Parameter	Value
Vibration	d20
Backlash	d60rcmin
Efficiency Range	94%~96%

Material Construction

Internal Components

- Cycloid wheel: GCr15
- Input/Output shaft: #45 Carbon steel
- Heat Treatment: Tempering and quenching

Housing Material

ZL108 Al-alloy or Cast iron

Lubrication & Sealing

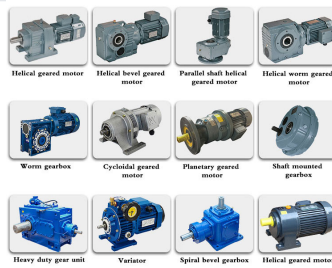
Component Standards

- High-quality Oil Seals
- Top-tier Bearing Brands (HRB, LYC, ZWZ, NSK available)

Recommended Lubricants

GB 2# Lithium grease, Mobilux EP 2

Product Range



A comprehensive range of drive solutions including cycloidal, planetary, and helical geared motors for diverse industrial needs.

Available Gearbox Types

Helical • Cycloidal • Planetary • Worm • Spiral Bevel • Parallel Shaft