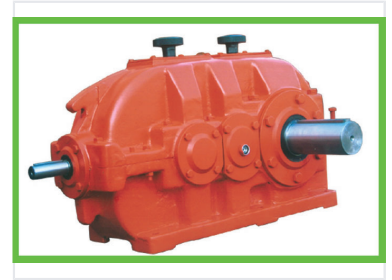


Hard Surface Cylindrical Bevel Gear Reduc-er

This hard surface cylindrical bevel gear reducer is designed for heavy-duty industrial applica-tions. It provides efficient power transmission and smooth operation for machinery requiring speed reduction and torque amplification.



Product Overview

D Series Cylindrical Bevel Gear Reducer

The D Series Cylindrical Bevel Gear Reducer is a high-performance drive mechanism designed for vertical input and output shaft configurations. Engineered for durability and efficiency, this unit features high-quality alloy steel components that undergo precision carburizing, quenching, and grinding to reach grade 6 precision. It is an ideal solution for heavy-duty industrial applications requiring high bearing capacity, low noise, and compact, lightweight construction.

Performance Metrics

Output Speed

8.3 r/min

Minimum Speed

188 r/min

Maximum Speed

Output Torque

450 N.m

Min Torque

400000 N.m

Max Torque

Motor Power

4 KW

Min Power

2850 KW

Max Power

Technical Specifications

Gear Precision Grade

Grade 6 (GB10095-88)

Material Composition

High-quality alloy steel with carburizing and quenching treatment

Applications

Compatible Equipment

- Belt Conveyors
- Conveying Equipment
- General Machinery

Suitable Industries

Metallurgy, Mining, Chemical Engineering, Coal Mining, Building Materials, Light Industry, Oil Refining

Product Features

Key Advantages

High Bearing Capacity • Low Noise • Small Volume • Light Weight • High Efficiency • Long Service Life