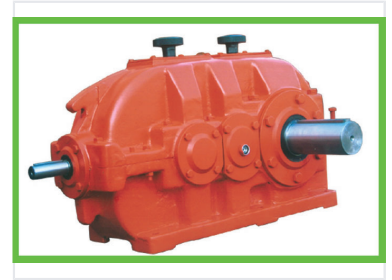


# Hard Surface Cylindrical Bevel Gear Reduc-er

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