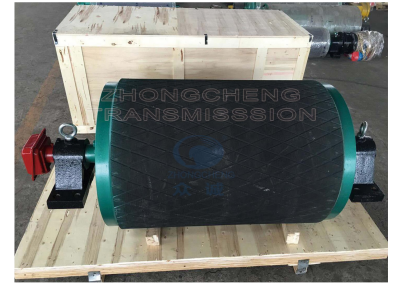
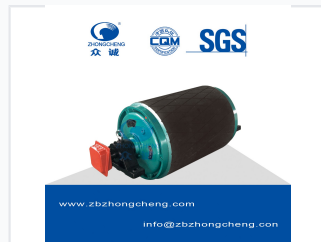


# Oil Immersed Cycloidal Electric Pulley Conveyor Drum

This oil-immersed electric pulley conveyor drum features an advanced cycloidal pin wheel reduction mechanism. Alloy steel is used in the main parts, offering large bearing capacity, overload capacity, and stable transmission.



## ADDITIONAL IMAGES



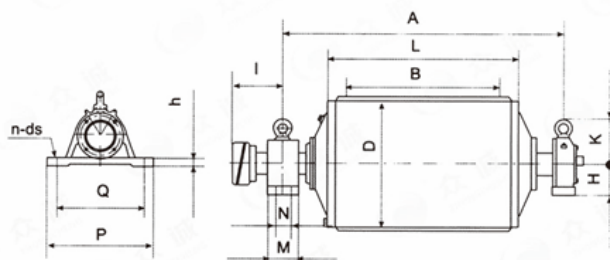
## Product Overview

### High-Efficiency Cycloidal Electric Pulley

This oil-immersed electric pulley integrates a motor, gearbox, and drum into a single compact unit for fixed belt conveyors and bucket wheel stacker reclaimers. It utilizes an advanced cycloidal pin wheel reduction mechanism constructed from high-strength alloy steel to deliver exceptional torque, overload capacity, and smooth transmission. Its oil-cooled design ensures reliable performance and low maintenance, while the compact build significantly reduces space requirements in industrial setups.

## Technical Specifications

YBT、YBN、JBT、JBN 型系列外形安装尺寸



External dimensions and installation diagram for standard series pulleys.

### Performance Parameters

Type	Diameter (mm)	Power (KW)	Strip Width (mm)	Tape Speed (m/s)	Weight (kg) Max
YBT, YBN, JBT, JBN	280~800	1.5~37	500~1400	1.5~37	252~580

### Supported Voltages

380V, 660V, 1140V

## Environmental Requirements

### Operational Limits

- Ambient temperature: -15°C to 40°C
- Altitude: d 1000 meters
- Conveyed material temperature: d 60°C
- Frequency: 50Hz

## Key Features



Internal cycloidal drive mechanism designed for smooth power transmission.

### Advanced Functionalities

Oil-Immersed Cooling • Flameproof Enclosure • Compact Design • Backstop Compatible • Braking Compatible • Rubber Coating Options