

# Motorized Conveyor Drum Pulley

This motorized conveyor drum pulley features an integrated motor and internal reducer. It offers advantages such as efficient heat dissipation and high power capacity, reaching up to 160kW.

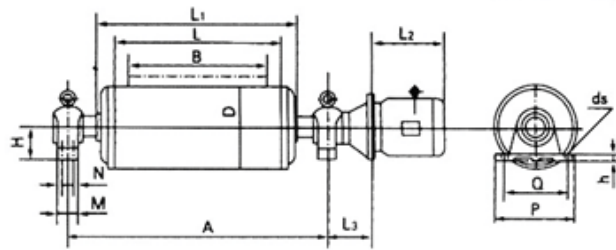


## Product Overview

### High-Efficiency Motorized Drum Pulley

The motorized conveyor drum pulley is an advanced driving device featuring an externally mounted motor and internally housed reduction gears. This innovative design optimizes heat dissipation and provides superior reliability compared to traditional integrated designs. Built for demanding environments like mining and metallurgy, it offers a versatile solution for fixed belt conveyors and bucket elevators.

## Technical Specifications



Technical layout showing critical dimensions for industrial integration.

### Operating Parameters

Property	Range
Diameter (mm)	320 - 630
Power (kW)	2.2 - 15
Belt Width (mm)	500 - 1200
Tape Speed (m/s)	0.8 - 4.0
Max Weight (kg)	235 - 840

### Installation Methods

- Type I: Horizontal motor in-line external electric pulley
- Type II: Vertical motor direct coupling external electric pulley
- Type III: Horizontal motor vertical external electric pulley

## Key Features



Robust steel construction designed for high-performance and reliable material handling.

<b>Internal Transmission Structures</b>	Fixed Shaft Gear, Cycloid Needle Wheel, Planetary Gear
<b>Available Options</b>	Explosion-proof, Standard Non-explosion-proof, Backstop, Rubber Coating

## Industry Applications

<b>Suitable Sectors</b>	Mining, Port, Metallurgy, Electric Power, Material Handling
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