

Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller, Curved Conveyor Drum Motors 24V 40W

Our Product Introduction

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Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE, ROHS2.0, EMC, ISO9001
- Model Number: Winroller Diameter Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller
- Minimum Order Quantity: 1 stick
- Price: Contact Us
- Packaging Details: Wooden case
- Delivery Time: 7-15 word days
- Payment Terms: TT, L/C
- Supply Ability: 1000000/year

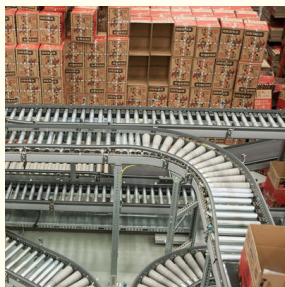


Product Specification

- Product Name: Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller
- Cylinder Diameter: 50mm
- Cylinder Material: PVC Soft Adhesive,
- Rated Voltage: DC48V
- Rated Power: 40W
- Rated Torque: 3.98N·M
- Speed Range: 0.87-120m/min
- Highlight: **conveyor drum rollers 40W, Motorized Conveyor Roller 40W, Motorized Conveyor Roller 24V**



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Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller, Curved Conveyor Drum Motors 24V 40W

Features Overview of Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller

The Φ50 PVC taper sleeve motorized conveyor drive roller is designed for smooth, friction-reducing material handling in curved conveyor systems, ensuring zero-pressure accumulation and efficient transport of heavy loads up to 200kg in logistics and industrial automation environments

Function of Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller

The Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller plays a crucial role in ensuring smooth and efficient material handling, especially in curved sections of conveyor systems. Its tapered design, combined with a PVC soft adhesive surface, allows for friction reduction, enabling items to move seamlessly around bends without slipping or misalignment. This reduces material loss and enhances overall transport efficiency, particularly in high-speed logistics and automated production lines.

One of the standout features of this roller is its ability to support **zero-pressure accumulation**. In accumulation conveyor systems, the roller eliminates the pressure build-up between items, preventing damage to fragile products. This makes it ideal for sensitive materials, such as cardboard boxes, material containers, or other packaged goods.

Moreover, the motorized roller can handle loads up to **200kg**, making it suitable for a variety of industrial applications, including shuttle systems, load shifters, and both small and large conveyor setups. Its performance ensures reliable, low-maintenance operation, making it a key component for efficient, automated material handling in industries like logistics, packaging, and manufacturing.

Application of Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller

Curved Conveyor Systems: The roller smoothly guides products through curves, minimizing friction and preventing misalignment in logistics and automated warehouses.

Zero-Pressure Accumulation Conveyors: It allows for gentle accumulation of items without pressure build-up, protecting delicate goods in packaging and sorting operations.

Unit Handling and Linear Conveyors: The roller ensures reliable transport of individual items like cardboard boxes and plastic crates in both straight and curved conveyor systems.

Industrial Transport Systems: Capable of handling loads up to 200kg, the roller efficiently moves heavy industrial components like tires and metal parts in production environments.

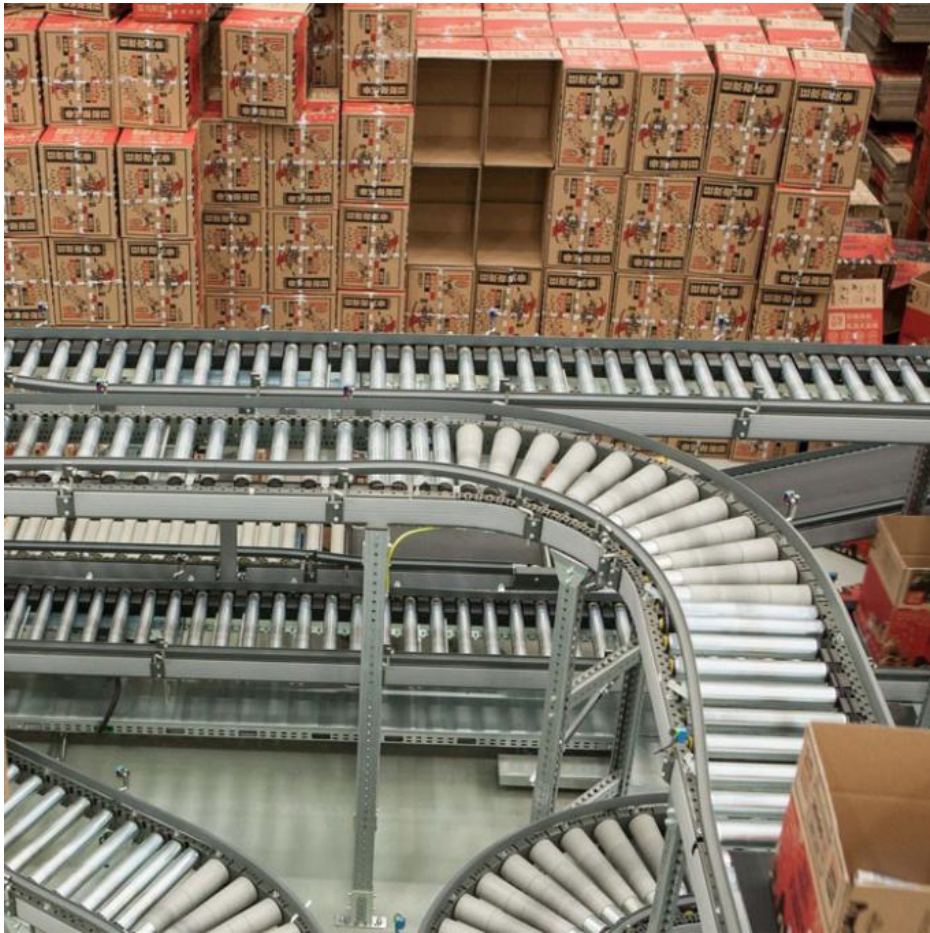
Shuttle and Load Shifting Systems: It facilitates seamless transfer of items between conveyor sections in shuttle systems and accurately shifts loads during production or assembly processes.

Technical Parameters of Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller

Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller

Application	Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller For Curved Conveyor Sections, Unit Handling Conveyor, Zero-Pressure Accumulation Conveyors, Linear Conveyors, Industrial Transport Systems	Rated Voltage	DC48V
Rated Voltage	40W	Product Diameter	50mm
Rated Current	3A	Cylinder Material	PVC Soft Adhesive
Maximum Load	200Kg	Rated Torque	3.98N-M
Rated Speed	89RPM	Speed Range	0.87-120m/min

Feature Picture of Φ50 PVC Taper Sleeve Motorized Conveyor Drive Roller






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