

Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor For Logistics Express Industry

Our Product Introduction

Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE, ROHS2.0, EMC, ISO9001
- Model Number: Winroller Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor
- Minimum Order Quantity: 1stick
- 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: Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor
- Motor Type: DC Brushless Motor
- Cylinder Diameter: 67mm
- Power: 300W
- Cylinder Material: Zinc Plating On Carbon Steel, Hard Chromium Plating On Carbon Steel
- Voltage: DC48V
- Maximum Load: 30kg
- Linear Range: 1-3.5m/s
- Working System: S2
- Application: Logistics And Warehousing, Manufacturing Lines, Food And Beverage Industry
- Highlight: **Infrared Sensor conveyor motor roller, Infrared Sensor powered conveyor roller, Narrow Band conveyor motor roller**



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Features Overview of Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor

The narrow-band direct-drive electric roller employs infrared sensing to directly transmit signals to the driver through RS-485 or IO interfaces. This approach allows for direct motor control by the driver, resulting in a significant reduction in operational costs.

Function of Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor

- Utilizes infrared sensors for real-time detection of moving packages.
- Direct drive technology directly controls the motor for precise movement and positioning.
- Unique guide groove design prevents misalignment during transport.
- Equipped with a permanent magnet servo motor for accurate control.
- Customizable acceleration and deceleration for smooth loading and unloading.
- Suitable for extensive applications, maintaining low operational costs.
- Supports RS-485 and infrared communication with millisecond response times.
- Achieves sorting accuracy exceeding 99.99%.
- Minimizes interference, leading to fewer operational failures.
- Optimized control scheme, Reduces the need for multiple PLCs, streamlining the control process.

Application of Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor

- Logistics and Warehousing: efficient sorting of packages in distribution centers.
- Manufacturing Lines: automated sorting of components and finished goods.
- Parcel Delivery Services: sorting and routing of parcels in courier operations.
- Food and Beverage Industry: andling and sorting of packaged products on production lines.

Technical Parameters of Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor

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Feature Picture of Narrow Dand Direct Drive Conveyor Sort Motor Roller With Infrared Sensor



WIN ROLLER JIANG SU Winroller Technology Co., Ltd.

+86 18168399322

winroller.market@gmail.com

drum-roller.com

+86 18100000022

win@winer.market@gmail.com

win@winer.com

No. 7, Xiye Road, Huishan District, Wuxi City, Jiangsu Province, China