

Multi-Driving Mode Motorised Conveyor Roller For Automated Conveyor Equipment

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 Multi-Driving Mode Motorised Conveyor Roller
- 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: Multi-Driving Mode Motorised Conveyor Roller
- Driving Method: Poly-V Wheel, V Belt Wheel, Synchronous Wheel, O Wheel, Sprocket, Pressure O Groove, Knurling, Roller Straight
- Diameter: 38mm
- Power: 20W
- Voltage: 24V
- Line Speed: 0.8~79m/min
- Pipe: Steel, Galvanizedistainless Steel (SUS304)
- Cylinder Material: Galvanized Carbon Steel, Stainless Steel 304
- Protection Class: IP66 / IP67
- Highlight: **Multi Driving Motorised Conveyor Roller ,**



More Images



Product Description

Multi-Driving Mode Motorised Conveyor Roller For Automated Conveyor Equipment

Product Description:

The Multi-Driving Mode Motorised Conveyor Roller is a compact and powerful solution designed for medium to light load applications. With a diameter of just 38 mm and a robust 20 W power output, this roller provides exceptional speed control, operating within a range of 0.8 to 79 m/min. Its built-in brushless DC motor ensures energy efficiency while delivering output speeds from 54.87 to 510.22 rpm.

Constructed from high-quality materials, including galvanized carbon steel and stainless steel 304, the roller is built to withstand demanding environments. It features a maximum load capacity of 25 kg, with rated and starting torque values of 0.37 to 3.46 N-M and 1.1 to 10.4 N-M, respectively. The roller operates safely at 24 V, offering peace of mind for users in various industrial settings.

With its IP66 protection rating, the roller is resistant to dust and water, making it suitable for a wide range of applications, from logistics and material handling to automated production lines. Its versatile drive mechanisms, including multiple V-belt pulleys and chain wheels, allow for easy integration and adaptability in existing systems, enhancing operational efficiency and reliability.

Features:

Efficient Power Core: Equipped with a built-in brushless DC geared motor, the Roller offers exceptional energy savings and durability. Its dedicated control card ensures accurate speed regulation and performance.

Safe Voltage Design: Operating at 24VDC or 48VDC, this drum roller guarantees safety while allowing a remarkable speed adjustment range of 12% to 130%. This versatility caters to diverse operational requirements.

Intelligent Control Compatibility: The Roller is compatible with various intelligent control cards, ensuring secure and reliable operation without any concerns during use.

Wide Speed Range: With speeds ranging from 0.8 to 79 m/min, the DGBL38 supports easy IO control, enhancing user convenience and providing a high level of automation.

Premium Roller Materials: Constructed from durable galvanized carbon steel or stainless steel, the roller's material is designed for longevity. Customizable lengths are available to meet specific operational needs.

Multifunctional Linkage Design: The roller features a support pressure trough and can be equipped with polygonal pulleys, V-type pulleys, and other linkage components, ensuring it meets diverse transmission requirements and enhances work efficiency.

Simple and Smart Installation: The DGBL38 is designed for easy installation, allowing for a seamless setup with intelligent control systems to achieve efficient and stable operation.

Technical Parameters:

Attribute	Value
Diameter	38mm
Product Category	Motorized Drive Roller
Protection Class	IP66 / IP67
Voltage	24V
Power	20W
Maximum Load	25kg
Line Speed	0.8~79m/min
Material	Galvanized carbon steel, stainless steel 304
Motor Type	DC Brushless Gear Deceleration Motor Drum
Cylinder Length	> 200mm

Applications:

The Multi-Driving Mode Motorised Conveyor Roller is perfect for a wide range of applications, including logistics, material handling, and automated production lines. Its combination of performance, durability, and versatility makes it an essential component in any industrial setting.

Support and Services:

The Multi-Driving Mode Motorised Conveyor Rollers product comes with a comprehensive technical support and services package to ensure optimum performance and minimal downtime. Our team of experienced technicians is available to answer any questions you may have and provide advice on maintenance and repair. We also offer training to your staff on how to operate and maintain the product. Our services include installation, commissioning, regular maintenance checks, and emergency repairs. We use genuine parts and components to ensure the longevity of the product and maintain its performance. Additionally, we offer customization services to fit the product to your specific requirements.

Packing and Shipping:

Product Packaging:

The Multi-Driving Mode Motorised Conveyor Roller will be packed in a sturdy cardboard box to ensure safe transportation. Each roller will be placed securely in the box with padding to prevent any damage during shipping.

Shipping:

Orders for Multi-Driving Mode Motorised Conveyor Roller will be shipped within 1-2 business days of receiving payment. We offer standard shipping to all locations within the United States. For international orders, please contact us for shipping quotes.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Winroller.

Q: What is the model number of this product?

A: The model number of this product is Winroller Multi-Driving Mode Motorised Conveyor Roller.

Q: What certifications does this product have?

A: This product has the following certifications: CE, ROHS2.0, EMC, ISO9001.

Q: Where is this product manufactured?

A: This product is manufactured in China Jiangsu.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1 stick.

Q: What is the price for this product?

A: Please contact us for pricing information.

Q: What are the payment terms for this product?

A: The payment terms for this product are TT and L/C.

Q: What is the supply ability of this product?

A: The supply ability of this product is 1000000/year.

Q: What is the delivery time for this product?

A: The delivery time for this product is 7-15 word days.

Q: How is this product packaged?

A: This product is packaged in a wooden case.

Φ38 DC series electric roller

The roller will be equipped with professional driver for forward and reverse control and speed control.



BL38 Mechanical Parameters

DGBL38-20W motor driver roller characteristics table-24V

NOMINAL SPEED	RATED SPEED (SPEED REGULATION RANGE) TYPE B 12%~150% TYPE D 12%~150%			MOTOR 20W - HIGH TORQUE			
				24V		OUTPUT POWER: 20W	
				TORQUE (N.m)		TRACTION (N)	
				M/MIN	M/S	R/MIN	RATED
7	6.55	0.1	54.87	3.46	10.39	138.51	415.53
20	19.46	0.32	162.99	1.17	3.50	46.63	139.89
30	29.48	0.49	246.91	0.77	2.31	30.76	92.34
61	69.91	1.01	510.22	0.37	1.12	14.90	44.69





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