

## DM113 Airport Baggage Conveyor Drum Roller High Power And Low Noise

Our Product Introduction

### Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE,SGS,ISO9001,ROHS,UL
- Model Number: Winroller DM113 Airport Baggage Conveyor Drum Motor Roller High Power And Low Noise
- 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

- Features: Low Noise, High Power, Compact Structure, High Sealing Performance, Low Energy Consumption, High Mobility, Strong Physical Properties, Powerful Driving Device
- Product Name: DM113 Airport Baggage Conveyor Drum Motor Roller High Power And Low Noise
- Diameter: 113mm
- Function: Airport Baggage Conveyor
- Voltage: 230V
- Power: 0.12kw/HP~ 0.75kw/HP
- Linear Velocity: 0.09m/s~ 1.43m/s
- Type: Oil-immersed Drum Motor
- Cylinder Material: Galvanised Carbon Steel, Stainless Steel
- Highlight: **Conveyor Drum Roller High Power , Airport Baggage Conveyor Drum Roller , Low Noise motorized drum roller**



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## DM113 Airport Baggage Conveyor Drum Motor Roller High Power And Low Noise

### Features Overview of DM113 Airport Baggage Conveyor Drum Motor Roller

The Winroller Baggage Conveyor Drum Motor Roller combines high-performance engineering with robust construction, featuring customizable options, low noise operation, and efficient power delivery, making it perfect for reliable baggage handling in airports and logistics.

### Function of DM113 Airport Baggage Conveyor Drum Motor Roller

Winroller DM113 Conveyor Drum Motor Roller is designed for high efficiency and reliability in various material handling applications. Its integrated motor eliminates the need for external drive components, resulting in a compact and streamlined design that reduces installation complexity and maintenance.

Equipped with advanced gear reduction technology, the roller provides consistent torque and power output, ensuring smooth operation even under heavy loads. The low noise level enhances the working environment, making it suitable for applications in sensitive areas like airports and retail settings.

Additionally, the roller's customizable cylinder length and diameter allow for adaptability in diverse conveyor systems. With features like dual sealing for protection against dust and moisture and high-grade materials for durability, the Conveyor Drum Motor Roller is an excellent choice for demanding industrial environments.

### Application of DM113 Airport Baggage Conveyor Drum Motor Roller

- Small conveyor, high-load cycle
- Airport check-in conveyor
- Packing machine
- Belt weigher
- Medicine processing
- Food processing
- Steel or plastic modular belt application

### Technical Parameters of DM113 Airport Baggage Conveyor Drum Motor Roller

DM113 Airport Baggage Conveyor Drum Motor Roller

Type	Oil-immersed Drum Motor	Cylinder Diameter	138mm
Cylinder Material	Galvanised carbon steel, stainless steel	Voltage	230V
Function	Airport Baggage Conveyor	Linear Speed	0.09m/s~ 1.43m/s
Cylinder Length	Customised	Power	0.12kw/HP~ 0.75kw/HP
Features	Low noise, high power, compact structure, high sealing performance, low energy consumption, high mobility, strong physical properties, powerful driving device		



Roller characteristics

DM113i-1 *230v/50Hz									
power (KW/hp)	Motor stage	Number of gear poles	Gear ratio	Nominal belt speed(m/s)	torque (Nm)	Tractive force(N)	Rated current(A)	Minimum barrel length (mm)	Weight at mini barrel length(l)
0.12/0.16	4	4	99.38	0.09	78.54	1390.24	0.84	320	12
			80.89	0.11	63.93	1131.58			
			67.23	0.13	53.13	940.49			
		3	60.60	0.14	47.89	847.74		300	10
			49.32	0.17	38.98	689.94			
			41.00	0.21	32.40	573.55			
			37.66	0.23	29.76	526.83			
			31.65	0.27	25.01	442.76			
			25.76	0.33	20.36	360.36			
			21.41	0.40	16.92	299.51			
			19.30	0.44	15.25	269.99			
		2	15.71	0.55	12.42	219.77			
			13.06	0.66	10.32	182.70			
			12.00	0.71	9.48	167.87			
0.18/0.24	4	3	60.60	0.14	71.84	1271.61	1.4	300	10
			49.32	0.17	58.47	1034.91			
			41.00	0.21	48.61	860.33			
			37.66	0.23	44.65	790.24			
			31.65	0.27	37.52	664.13			
			25.76	0.33	30.54	540.54			
			21.41	0.40	25.38	449.26			
		2	19.30	0.44	22.88	404.98			
			15.71	0.55	18.62	329.65			
			13.06	0.66	15.48	274.05			
			12.00	0.71	14.23	251.80			
0.23/0.31	4	3	49.32	0.17	74.71	1322.39	1.67	335	13.5
			41.00	0.21	62.11	1099.31			
			37.66	0.23	57.05	1009.76			
			31.65	0.27	47.94	848.61			
			25.76	0.33	39.02	690.69			
		21.41	0.40	32.43	574.05				
		2	19.30	0.44	29.24	517.48			
			15.71	0.55	23.80	421.22			
			13.06	0.66	19.78	350.17			
			12.00	0.71	18.18	321.75			

DM113i-3i\*400V/50Hz

power (KW/hp)	Motor stage	Number of gear poles	Gear ratio	Nominal belt speed(m/s)	torque (Nm)	Tractive force(N)	Rated current(A)	Minimum barrel length (mm)	Weight at mini barrel length(i)
0.15/0.2	4	4	80.89	0.11	79.91	1414.47	0.47	320	12
			67.23	0.13	66.42	1175.61			
			60.60	0.14	59.87	1059.67			
		3	49.32	0.17	48.72	862.43			
			41.00	0.21	40.51	716.94			
			37.66	0.23	37.21	658.54			
			31.65	0.27	31.27	553.44			
			25.76	0.33	25.45	450.45			
			21.41	0.40	21.15	374.38			
			19.30	0.44	19.07	337.49			
		2	15.71	0.55	15.52	274.71			
			13.06	0.66	12.90	228.37			
			12.00	0.71	11.86	209.84			

0.18/0.24	4	4	67.23	0.13	79.70	1410.73	0.57	342	14
			60.60	0.14	71.84	1271.61			
		3	49.32	0.17	58.47	1034.91			
			41.00	0.21	48.61	860.33			
			37.66	0.23	44.65	790.24			
			31.65	0.27	37.52	664.13			
			25.76	0.33	30.54	540.54			
			21.41	0.40	25.38	449.26			
			19.30	0.44	22.88	404.98			
		2	15.71	0.55	18.62	329.65			
			13.06	0.66	15.48	274.05			
			12.00	0.71	14.23	251.80			

0.25/0.34	4	3	49.32	0.17	81.21	1437.38	0.84	324	11.5
			41.00	0.21	67.51	1194.90			
			37.66	0.23	62.01	1097.56			
			31.65	0.27	52.11	922.41			
			25.76	0.33	42.42	750.75			
			21.41	0.40	35.25	623.97			
		2	19.30	0.44	31.78	562.48			
			15.71	0.55	25.87	457.85			
			13.06	0.66	21.50	380.62			
			12.00	0.71	19.76	349.73			

0.25/0.34	2	4	99.38	0.17	81.82	1448.16	0.68	300	10
			80.89	0.21	66.59	1178.73			
			67.23	0.26	55.35	979.67			
		3	60.60	0.28	49.89	883.06			
			49.32	0.35	40.60	718.69			
			41.00	0.42	33.75	597.45			
	37.66		0.46	31.00	548.78				
	31.65		0.54	26.06	461.20				
	25.76		0.67	21.21	375.37				
	2	21.41	0.80	17.63	311.99				
		19.67	0.87	16.19	286.63				
		19.30	0.89	15.89	281.24				
		15.71	1.09	12.93	228.93				
		13.06	1.31	10.75	190.31				
12.00		1.43	9.88	174.86					

0.37/0.5	4	3	31.65	0.27	77.13	1365.16	1.13	324	11.5
			25.76	0.33	62.77	1111.11			
			21.41	0.40	52.17	923.48			
		2	19.30	0.44	47.03	832.47			
			15.71	0.55	38.28	677.62			
			13.06	0.66	31.83	563.32			
	12.00	0.71	29.24	517.60					

0.37/0.5	2	4	67.23	0.26	81.92	1449.92	0.92	325	11.5
			60.60	0.28	73.84	1306.93			
			49.32	0.35	60.09	1063.66			
			41.00	0.42	49.96	884.23			
			37.66	0.46	45.89	812.20			
			31.65	0.54	38.56	682.58			
		3	25.76	0.67	31.39	555.55			
			21.41	0.80	26.09	461.74			
			19.67	0.87	23.97	424.21			
			19.30	0.89	23.52	416.23			
			15.71	1.09	19.14	338.81			
			13.06	1.31	15.91	281.66			
	2	12.00	1.43	14.62	258.80				

0.55/0.75	2	3	41.00	0.42	74.26	1314.39	1.24	335	13.5
			37.66	0.46	68.21	1207.32			
			31.65	0.54	57.32	1014.65			
			25.76	0.67	46.66	825.82			
			21.41	0.80	38.78	686.37			
			19.67	0.87	35.63	630.59			
		2	19.30	0.89	34.96	618.73			
			15.71	1.09	28.45	503.64			
			13.06	1.31	23.65	418.68			
			12.00	1.43	21.73	384.70			

Note : It's just the typical technical data for you reference, The specification such as voltage, speed, torque, shaft can be customized by your needs. Please contact us for more details. Thanks.

## Feature Picture of DM113 Airport Baggage Conveyor Drum Motor Roller



**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