

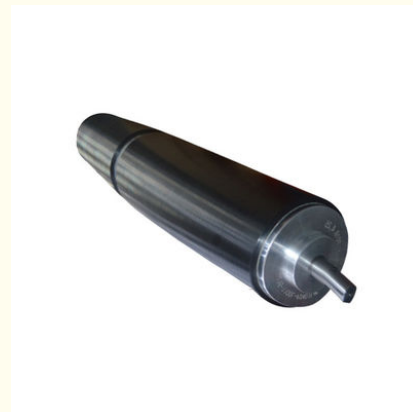
Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor For Warehouse Loading Conveyor

Our Product Introduction

for more products please visit us on drum-roller.com

Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE,SGS,ISO9001,ROHS,UL
- Model Number: Winroller Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor
- 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: High Torque, High Drive Power
- Product Name: Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor
- Cylinder Diameter: 216mm
- Cylinder Material: Carbon Steel, SS304
- Motor Type: Oil-immersed Drum Motor
- Power: 4000W
- Voltage: 400V
- Belt Speed: 0.52m/s ~ 1.5m/s
- Torque: 61.2N-M ~ 639.4N-M
- Highlight: **216mm Motorized Conveyor Roller, 216mm motorised drive roller, 400V AC Motorized Conveyor Roller**



Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor For Warehouse Loading Conveyor

Features Overview of Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor

The Diameter 216mm Drum Motorized Conveyor Roller features a robust 3-phase 400V AC motor, designed for heavy-duty applications with high torque and customizable speed options.

Function of Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor

1. High Torque Output

Provides robust power for handling heavy and bulk materials efficiently. Ideal for demanding applications in logistics, manufacturing, and agriculture.

2. Versatile Speed Range

Operates between 0.52m/s to 1.5m/s, allowing customization to suit specific material flow requirements. Enhances flexibility in various operational settings.

3. Durable Construction

Available in carbon steel and stainless steel options, ensuring longevity and reliability. Designed to withstand harsh working environments.

4. Superior Protection Rating

IP66/67 rating offers resistance against dust and water ingress, ensuring optimal performance in challenging conditions. Suitable for both indoor and outdoor applications.

5. Energy Efficiency

3-phase 400V AC motor promotes efficient energy use, reducing operational costs. Engineered for long-lasting performance with minimal maintenance.

Application of Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor

Diameter 216mm Drum Motorized Conveyor Roller has been widely used in the following industries:

- Logistics and Distribution Centers
- Airport Baggage Handling Systems
- Manufacturing Plants
- Agricultural Processing Facilities
- Food Processing Industries
- Warehouse Sorting Systems
- Recycling and Waste Management
- Steel and Metal Processing
- Mining and Bulk Material Handling
- Packaging and Fulfillment Centers

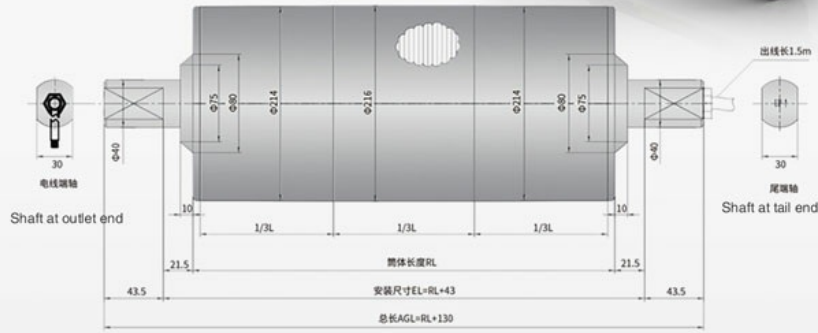
Technical Parameters of Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor

Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor

Application	Food processing conveyor, High load circulation conveyor, Postal logistics sorting conveyor, telescopic belt conveyor/climbing conveyor	Voltage	3PH400V
Cylinder Diameter	216mm	Cylinder Material	Carbon steel, SS304
Motor Type	Oil-immersed Drum Motor	Power	4000W
Belt Speed	0.52m/s~ 1.5m/s	Torque	61.2N·M~ 639.4N·M
Sealing Protection	IP66/67	Safety Certification	CE Certified

Outline dimensions of oil-cooled electric drum

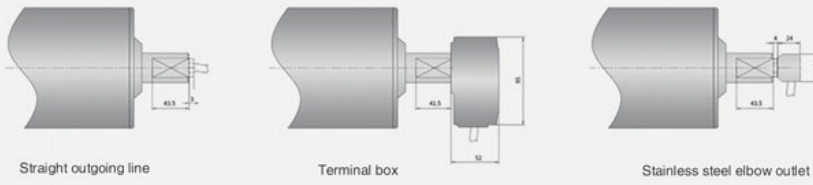
Dimensions of DM216 electric roller



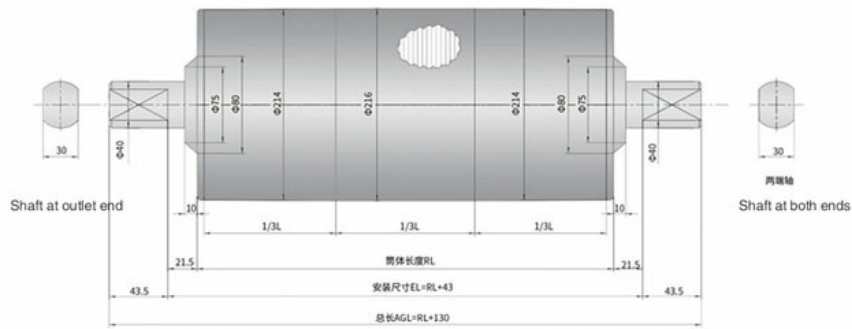
RL = Reference length/Order length * (including capping)

EL = Installation length

AGL is the total length of the axis.



Dimension drawing of DM165 driven roller



Roller characteristics

DM216-3*400V/50Hz

1.50/2.04	4	3	28.69	0.57	283.4	3435.26	3.55	451	44
			24.23	0.68	239.4	2901.23			
		2	19.63	0.83	193.9	2350.44			
			14.65	1.12	144.7	1754.15			
			12.38	1.32	122.3	1482.35			

1.50/2.04	2	3	62.36	0.53	308.0	3733.41	2.89	417	43
			46.53	0.7	229.8	2785.69			
			39.3	0.83	194.1	2352.84			
			38.44	0.85	189.9	2301.35			
			28.69	1.14	141.7	1717.63			
		2	24.23	1.35	119.7	1450.62			
			19.63	1.67	97.0	1175.22			
			14.65	2.24	72.4	877.08			
			12.38	2.65	61.2	741.17			

2.20/3.00	2	3	46.53	0.7	337.1	4085.67	4.28	451	45
			39.3	0.83	284.7	3450.83			
			38.44	0.85	278.5	3375.31			
			28.69	1.14	207.9	2519.19			
			24.23	1.35	175.5	2127.57			
		2	19.63	1.67	142.2	1723.66			
			14.65	2.24	106.1	1286.38			
			12.38	2.65	89.7	1087.05			

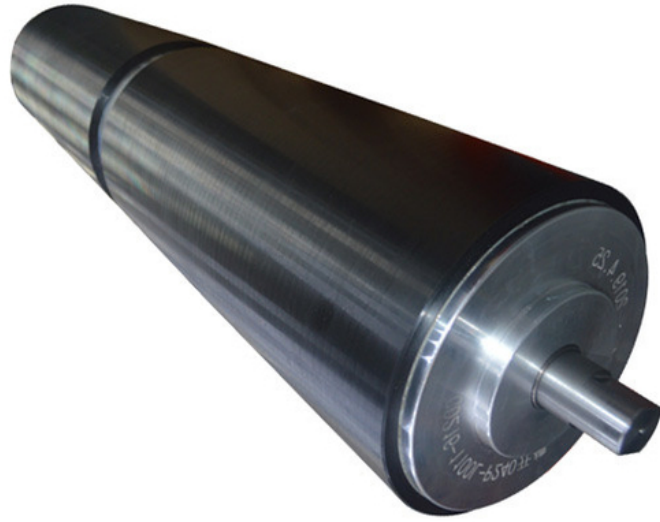
3.00/4.08	2	3	63.2	0.52	624.4	5781.69	5.51	520	75
			57.45	0.65	567.6	5255.66			
			48.54	0.68	479.5	4440.56			
			41.26	0.79	407.6	3774.56			
			31.69	1.03	313.1	2899.08			
		2	24.62	1.33	243.2	2252.30			
			20.13	1.63	198.9	1841.54			
			15.46	2.12	152.7	1414.32			

3.50/4.76	4	2	24.62	0.67	567.5	5255.36	6.77	520	78
			20.13	0.81	464.0	4296.93			
			15.46	1.06	356.4	3300.08			

4.00/5.44	2	3	48.54	0.68	639.4	5920.74	10.21	556	80
			41.26	0.79	543.5	5032.75			
			31.69	1.03	417.4	3865.44			
		2	24.62	1.33	324.3	3003.06			
			20.13	1.63	265.2	2455.39			
			15.46	2.12	203.6	1885.76			

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 Diameter 216mm Drum Motorized Conveyor Roller With 3PH 400V AC Motor



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