

## Φ165 AC Conveyor Belt Drum Motor Electric Roller For High-Load Belt Conveyor Equipment

Our Product Introduction

### Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE,SGS,ISO9001,ROHS,UL
- Model Number: Winroller Φ165 AC Conveyor Belt Drum Motor Electric 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: Φ165 AC Conveyor Belt Drum Motor Electric Roller
- Voltage: 3PH380V, 3PH220V
- Type: Oil-Cooled Electric Roller
- Power: 1100W, 1500W, 2200W
- Dimensions: 165mm In Diameter
- Linear Velocity: 30-60m
- Material: SUS304
- Maximum Load: 660Kg
- Highlight: **165mm Conveyor Belt Roller, Conveyor Belt Roller High Load, industrial Conveyor Roller 165mm**



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## Φ165 AC Conveyor Belt Drum Motor Electric Roller For High-Load Belt Conveyor Equipment

### Features Overview of Φ165 AC Conveyor Belt Drum Motor Electric Roller

Winroller's Φ165 Oil-Immersed Drum Motor is mainly used for High-load belt conveyor equipment, such as airport check-in systems, Security inspection machine, Airport baggage handling system, Packaging machinery, Power belt scale, Pharmaceutical industry, Food processing industry, Meat and poultry processing industry, Postal sorting, Belt conveyor, Sorting and conveying equipment for agricultural products.

### Function of Φ165 AC Conveyor Belt Drum Motor Electric Roller

Strong drive of high-strength conveyor

Light load and steel gearbox drive

The drum motor is extremely strong, has high torque, and can withstand high radial loads

DM165 series is mainly used in heavy load belt conveying equipment. With its strong shape, impact resistance and strong torque, it is the best choice for the following large load-conveying equipment

### Application of Φ165 AC Conveyor Belt Drum Motor Electric Roller

Φ165 Oil-Immersed Drum Motor has been widely used in the following industries:

High load circulating conveyor

Logistics application

Airport and postal conveyor

Warehouse loading conveyor

Telescopic conveyor

Agricultural plant

Food processing

Steel or plastic modular belt applications

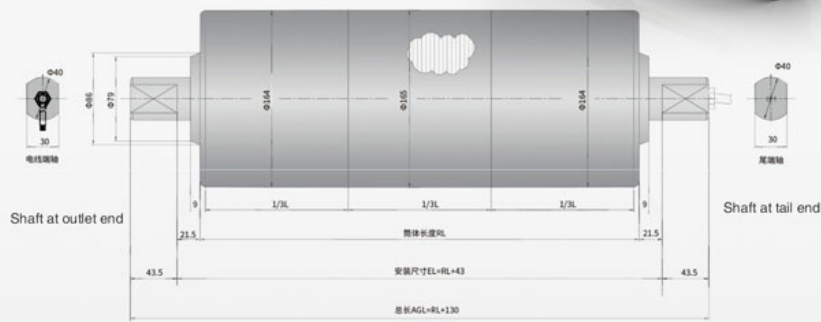
### Technical Parameters of Φ165 AC Conveyor Belt Drum Motor Electric Roller

Φ165 AC Conveyor Belt Drum Motor Electric Roller

Application	High Load Belt Conveyor Equipment	Voltage	3PH380V, 3PH220V
Power	1100W, 1500W, 2200W	Dimensions	165mm in diameter
Type	Oil-Immersed Drum Motor	Material	SUS304
Maximum Load	660Kg	Linear Velocity	30-60m

## Outline dimensions of oil-cooled electric drum

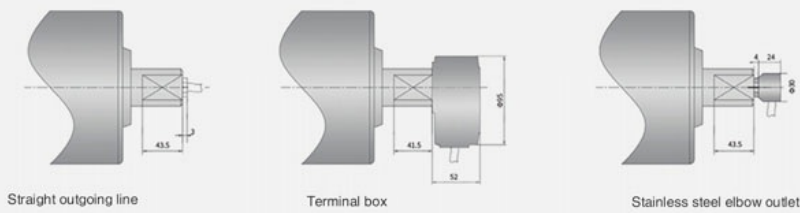
Dimensions of DM165 electric roller



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

EL = Installation length

AGL is the total length of the axis.



## Roller characteristics

DM165-3\*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 minimum barrel length(Kg)	
0.55/0.75	4	3	58.7	0.21	212.6	3083.22	1.57	371	25	
			48.79	0.26	176.7	2562.69				
			42.14	0.30	152.6	2213.40				
		33.54	0.37	121.5	1761.69					
		27.88	0.45	101.0	1464.40					
		21.07	0.59	76.3	1106.70					
	2	2	16.77	0.75	60.7	880.84				
			13.94	0.90	50.5	732.20				
			117.4	0.21	212.6	3083.22				
		2	4	97.58	0.26	176.7	2562.69	1.28	350	24
				73.75	0.34	133.6	1936.86			
			3	58.7	0.43	106.3	1541.61			
48.79	0.51			88.4	1281.35					
42.14	0.59			76.3	1106.70					
33.54	0.75			60.7	880.84					
27.88	0.90			50.5	732.20					
2	21.07		1.19	38.2	553.35					
	16.77		1.49	30.4	440.42					
			13.94	1.80	25.2	366.10				

0.75/1.02	4	3	48.79	0.26	241.0	3494.58	2	400	28			
			42.14	0.3	208.2	3018.28						
			33.54	0.37	165.7	2402.30						
			27.88	0.45	137.7	1996.91						
		2	21.07	0.6	104.1	1509.14						
			16.77	0.74	82.8	1201.15						
			13.94	0.9	68.9	998.45						
	2	4	97.58	0.26	241.0	3494.58				1.63	371	26
			73.75	0.34	182.1	2641.17						
		3	58.7	0.43	145.0	2102.19						
			48.79	0.51	120.5	1747.29						
			42.14	0.6	104.1	1509.14						
			33.54	0.75	82.8	1201.15						
			27.88	0.9	68.9	998.45						
21.07			1.19	52.0	754.57							
2		16.77	1.49	41.4	600.58							
		13.94	1.8	34.4	499.23							

1.1/1.5	2	3	58.7	0.43	212.6	3083.22	2.62	400	28			
			48.79	0.51	176.7	2562.69						
			42.14	0.6	152.6	2213.40						
			33.54	0.75	121.5	1761.69						
		2	27.88	0.9	101.0	1464.40						
			21.07	1.19	76.3	1106.70						
			16.77	1.49	60.7	880.84						
	4	3	13.94	1.8	50.5	732.20				2.83	417	29
			39.3	0.32	284.7	3450.83						
			38.44	0.33	278.5	3375.31						
			28.69	0.44	207.9	2519.19						
		2	24.23	0.52	175.5	2127.57						
			19.63	0.64	142.2	1723.66						
			14.65	0.85	106.1	1286.38						
12.38	1.01	89.7	1087.05									

1.5/2.04	4	3	28.69	0.44	283.4	3435.26	3.55	451	43			
			24.23	0.52	239.4	2901.23						
			19.63	0.64	193.9	2350.44						
		2	14.65	0.85	144.7	1754.15						
			12.38	1.01	122.3	1482.35						
	2	3	62.36	0.4	308.0	3733.41				2.89	417	30
			46.53	0.54	229.8	2785.69						
			39.3	0.64	194.1	2352.84						
			38.44	0.65	189.9	2301.35						
			28.69	0.87	141.7	1717.63						
			24.23	1.03	119.7	1450.62						
		2	19.63	1.28	97.0	1175.22						
			14.65	1.71	72.4	877.08						
			12.38	2.02	61.2	741.17						

2.2/3.00	2	3	46.53	0.54	337.1	4085.67	4.28	451	43
			39.3	0.64	284.7	3450.83			
			38.44	0.65	278.5	3375.31			
			28.69	0.87	207.9	2519.19			
			24.23	1.03	175.5	2127.57			
		2	19.63	1.28	142.2	1723.66			
			14.65	1.71	106.1	1286.38			
			12.38	2.02	89.7	1087.05			

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 $\Phi$ 165 AC Conveyor Belt Drum Motor Electric Roller



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