



High Power Φ 113 Oil-Immersed Drum Motor For Belt Conveyor Airport Check-In Conveyor

Our Product Introduction

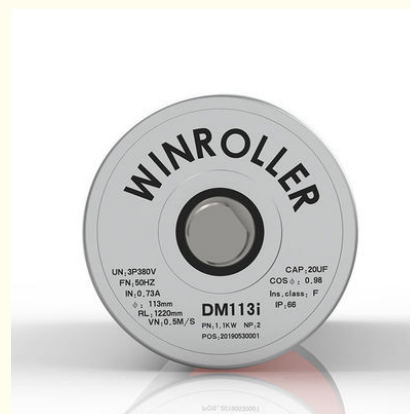
Basic Information

- Place of Origin: China Jiangsu
- Brand Name: Winroller
- Certification: CE,SGS,ISO9001,ROHS,UL
- Model Number: Winroller High Power Φ 113 Oil-Immersed Drum Motor
- Minimum Order Quantity: 1 stick
- 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: High Power Φ 113 Oil-Immersed Drum Motor
- Dimensions: 113mm In Diameter
- Voltage: 3PH380V, 3PH220V, 1PH220V
- Type: Oil-Cooled Electric Roller
- Power: 1PH110W 120W 180W 230W, 3PH150W 180W 250W 370W 550W
- Linear Velocity: 30 - 60m
- Material: SUS304
- Feature: Strong Driving Force, Low Noise, High Power
- Highlight: **113mm Conveyor Belt Roller, Airport Check-In Conveyor Belt Roller, 113mm conveyor drum roller**



More Images



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High Power Φ113 Oil-Immersed Drum Motor For Belt Conveyor Airport Check-In Conveyor

Features Overview of ΦHigh Power Φ113 Oil-Immersed Drum Motor

Winroller's oil-cooled electric roller can transport bulk and finished goods and is widely used in small conveyors, airport check-in systems, packaging equipment, power belt scales, pharmaceutical treatment, food processing, and modular belt applications.

Function of High Power Φ113 Oil-Immersed Drum Motor

Winroller's oil-cooled electric roller has compact structure and saves space;
High sealing performance, especially suitable for high dust concentration, wet and muddy working conditions;
Low energy consumption, easy centralized control and long service life;
With high mobility, it can meet the requirements of backstop, braking, rubber coating, etc;
With strong physical properties, it can transport bulk and finished goods;
Powerful driving device for high-strength light and medium load conveyors
Light load drive and steel gearbox
This drum motor has been developed specifically for applications that require a strong driving force
Conveying equipment with special requirements for space, low noise and high power of the transmission system can use the DM113 series
Using high-tech processing means, through fine grinding of high alloy steel gear and special high-precision assembly methods, so that it is in the running noise and the power requirements of this product, to reach a high level of such products.

Application of ΦHigh Power Φ113 Oil-Immersed Drum Motor

- Small conveyor, high load circulation
- Airport check-in conveyor
- Packaging equipment
- Power belt scale
- Pharmaceutical treatment
- Food processing
- Steel or plastic modular belt applications

Technical Parameters of ΦHigh Power Φ113 Oil-Immersed Drum Motor

High Power Φ113 Oil-Immersed Drum Motor

Application	Φ113 Oil-Immersed Drum Motor for Small conveyor, high load circulation, airport check-in conveyor	Voltage	3PH380V, 3PH220V, 1PH220V
Power	1PH110W 120W 180W 230W, 3PH150W 180W 250W 370W 550W	Dimensions	113mm in diameter
Type	Oil-Cooled Electric Roller	Material	SUS304
Feature	Strong Driving Force, Low Noise, High Power	Linear Velocity	30-60m

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			
	2	37.66	0.46	31.00	548.78				
		31.65	0.54	26.06	461.20				
		25.76	0.67	21.21	375.37				
		21.41	0.80	17.63	311.99				
		19.67	0.87	16.19	286.63				
	2	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				
	2	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				
			3	41.00	0.42	49.96				884.23
				37.66	0.46	45.89				812.20
				31.65	0.54	38.56				682.58
		2	25.76	0.67	31.39	555.55				
			21.41	0.80	26.09	461.74				
			19.67	0.87	23.97	424.21				
			2	19.30	0.89	23.52		416.23		
				15.71	1.09	19.14		338.81		
			2	13.06	1.31	15.91		281.66		
				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 High Power Φ 113 Oil-Immersed Drum Motor



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