



Motorized Pulley 113LP

A powerful drive for light duty conveyors

Product description

This Pulley is the ideal operator for light and medium conveyors, for non-continuous use.

Characteristics

- 3-phase or 1-phase AC induction motor
- Single supply voltage
- Integral motor protection
- Gearbox planetary-type polymer or polymer / steel combination
- Low noise operation
- Light and distributed weight
- Maintenance free
- Reversible operation

Applications

- Conveyors for light loads, non continuous use
- Recycling bottles
- Packaging equipment
- X-ray inspection systems at airports
- Pharmaceutical industry
- Food processing
- Cash desks in supermarkets
- Dry, Damp and frequent wash down applications

Technical data	
Motor Data	
Type of Motor	Asynchronous squirrel-cage, IEC 34 (VDE 0530)
Insulation class of motor windings	Class F, IEC 34 (VDE 0530)
Voltage	230/400 V ± 5% (IEC 34/38)
Frequency	50/60 Hz
internal shaft sealing system	Double-lipped of nitrile rubber, NBR
External shaft sealing system	Deflection seal nitrile rubber, NBR
Protection rate	IP66
Thermal protection	Bimetallic Contact
Ambient temperature, 3-phase motor	+5 to +40 °C
Ambient temperature, 1-phase motor	+10 to +40 °C
General technical data	
Max. Roller length (RL)	1212 mm

Motorized Pulleys with RL length greater than 712 mm have reinforced shaft.
All data and values declared in the catalogue refer to operation with a frequency of 50 Hz.





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Materials

The following Motorized Pulley components are available in different versions, as shown in the below chart, with further options for the material type as indicated.

Component	Version	Material			
		Standard Aluminium	Steel	Option Stainless Steel	Brass/Nickel
Shell	Crowned	✓	✓	✓	
	Cylindrical	✓	✓	✓	
	Special crownes with grooves	✓	✓	✓	
End housing	Standard	✓		✓	
Shaft cap	Standard	✓			
	With cable protection	✓			
Electrical connection	Straight connector			✓	✓
	Elbow connector			✓	

Please contact Rulmeca for further versions.

Options

- Rubber lagging for standard belts
- Dynamic balancing
- Oil for Food (EU, FDA and USDA)
- Oil for low temperatures
- Non-horizontal mounting (more than $\pm 5^\circ$)
- For special versions, please contact RULMECA.

Accessories

- Mounting brackets
- Idler Pulleys
- Rollers for conveyors

Cable specifications

Cable options available:

- Standard, screened
- Standard, unscreened
- Halogen-free, screened
- Halogen-free, unscreened

Available lengths: 1,5 / 3,0 m (other lengths available on request).

