



Motorized Pulley 113LP

Ø 4.47 in. (113 mm), with planetary gearbox
in polymer or polymer / steel combination

Product description

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

Characteristics

- Asynchronous 3 phase or 1 phase AC induction motor
- Integral motor protection
- Planetary gearbox in polymer or polymer / steel combination
- Low noise operation
- Light and distributed weight
- Maintenance free
- Lifetime lubrication
- Reversible operation
- Motorized Pulleys with RL greater than 27.80 inches have reinforced shaft.

Applications

- Small package handling conveyors with high duty cycle
- Transfer conveyors
- Dynamic weighing equipment
- Metal detectors
- Recycling equipment
- Pharmaceutical equipment
- Food processing equipment
- Positive drive and modular belt conveyors
- Dry, humid and wash down applications

Technical data

Type of Motor	Asynchronous squirrel-cage, IEC 34 (VDE 0530)
Insulation class of motor windings	Class F, IEC 34 (VDE 0530)
Available power supplies*	115v/1ph/60Hz, 230v/1ph/60Hz, 230v/3ph/60Hz, 460v/3ph/60Hz
Seal protection rating	IP66
Thermal protection	Bimetallic contact
Allowable ambient temperature, 3-phase motor	+41° F to +104° F
Allowable ambient temperature, 1-phase motor	+50° F to +104° F
Max. Roller length (RL)	47.72 in

* Other power supply voltages and frequencies are available.



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Materials

Component	Version	Aluminum	Steel	Stainless Steel	Brass /Nickel
Shell	Crowned	Std	Opt	Opt	-
	Cylindrical	Opt	Opt	Opt	-
	Special crowns with grooves	Opt	Opt	Opt	-
End housing	Standard	Std	-	Opt	-
Shaft cap	Standard (with straight/90° free position cable)	Std	-	-	-
Electrical termination	Power cord with straight connector	-	-	Opt	Opt
	Power cord with 90° connector	-	-	Opt	Opt
	Power cord with elbow connector	Opt	-	Opt	-

Options

- Dynamic balancing
- Food grade oil (EU, FDA and USDA)
- Non-horizontal mounting (more than $\pm 5^\circ$)
- For special versions, please contact RULMECA

Power Cord Specifications

- Standard, unshielded, 6 feet long
- Other types & lengths available upon request