



Motorized Pulley 138LS

Ø 5.45 in. (138 mm), with helical steel gearbox

Product description

This Motorized Pulley is ideal for most package handling and food processing applications.

Characteristics

- Asynchronous 3 phase AC induction motor
- Integral motor protection
- Hardened steel helical gearbox
- Low noise operation
- Reversible operation
- Motorized Pulleys with RL greater than 31.50 inches have reinforced shaft.

Applications

- Package handling conveyors with frequent use
- Airport luggage check-in conveyors
- Dynamic weighing equipment
- Metal detectors
- 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 (standard)	IP66
Seal protection rating (optional)	IP69
Thermal protection	Bimetallic contact
Allowable ambient temperature, 3-phase motor	-13° F to +104° F
Max. Roller length (RL)	70.87 in

* Other power supply voltages and frequencies are available.



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Materials

Component	Version	Aluminum	Steel	Stainless steel
Shell	Crowned	-	Std	Opt
	Cylindrical	-	Std	Opt
	Cylindrical with key (for sprockets)	-	Opt	Opt
	Special profiles	-	Opt	Opt
End housing	Standard	Std	-	Opt
Shaft	Standard	-	Std	Opt
	Cross-drilled and threaded, M6	-	Opt	Opt
Electrical termination	Power cord with straight ss connector	-	-	Std
	Power cord with elbow ss connector	-	-	Std
	Terminal box	Std	-	Opt

Options

- Rubber lagging for standard belts
- Profiled lagging for positive drive belts
- Profiled ss shells for positive drive belts
- Mechanical backstop
- Special smooth stainless steel end housings, slotted screw oil plugs, Viton® shaft seals and PTFE deflection seals (option TS8N) for IP69 sealing.
- Special smooth stainless steel end housings, slotted screw oil plugs, labyrinth seals (option TS7N) for IP66 sealing.
- Electromagnetic brake
- Rectifier
- Encoder
- Food grade oil (EU, FDA and USDA)
- Non-horizontal mounting (more than ± 5°)

Power Cord Specifications

- Standard, shielded, 10 feet long
- Other types & lengths available upon request