



Motorized Pulley 80LP

Ø 3.37 in. (80 mm), planetary polymer gearbox

Product description

Due to its strength, reliability, and need for no maintenance, this Motorized Pulley is used in small conveyors, packaging machines, and simple transfer units.

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 21.65 inches have reinforced shaft

Applications

- Small conveyors for light loads, non-continuous use
- Transfer conveyors
- Packaging machines for light loads
- Metal detection, x-ray scanners
- Check stands in supermarkets
- Dry or humid 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 temp., 3-ph motor | +41°F to +104°F |
| Allowable ambient temp., 1-phase motor | +50° F to +104° F |
| Max. roller length (RL) | 35.91 in |

* Other power supply voltages and frequencies are available. Please verify availability with Rulmeca prior to placing order because not all motor powers are available in all power supplies.

