



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.

