

PRODUCT FOCUS



W37 & W47 Helical Spiroplan® High Speed Gearing

Transport conveyors used in the baggage handling and bottling industries typically require a right-angle gear unit with high speed and high efficiency.

The W37 and W47 achieve both features by combining a first stage helical gear set with a second stage Spiroplan® gear set. This gearing combination is available exclusively from SEW.

Now it is possible to get the higher efficiency of a bevel gear at the lower price of a worm gear. Low cost and low energy consumption means low Total Cost of Ownership (TCO).

Product Range

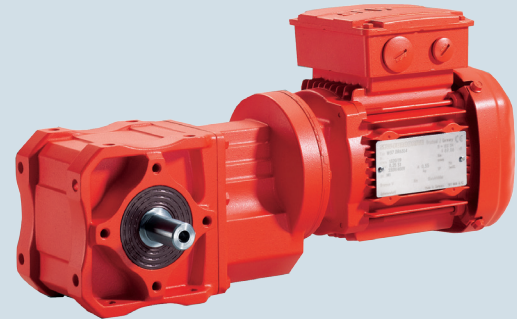
- Power ratings from 0.25 to 5.4 HP
- Ratios from 3.20 to 1290
- Output torques to 1600 lb-in

Reducer

- High efficiency - up to 94%. Higher than worm gearing
- High speed - up to 545 rpm output (4-pole motor)
- Lower cost - compared to bevel
- Low noise - near silent operation with 4-pole motor
- Lifetime lubrication
- Hardened steel gears - minimizes friction and wear
- Lightweight, high-strength pressure cast aluminum housing
- Metric or Inch dimension output shaft
- Center tapped hole on output shaft

Mounting

- B5 flange with centering tenon
- B14 surface with mounting holes
- Torque arm or flange
- Solid shaft, keyed hollowshaft, or keyless TorqLOC®
- Can be oriented in any position without changing oil level
- Flexible mounting - foot dimensions and floor-to-shaft height remain the same in either vertical or horizontal mounting



Motor

- Inverter duty
- Connection terminals
- Low rotor inertia for high cycling and tight control
- NEMA Premium (IE3) available
- 50Hz, 60Hz, or 50/60Hz global motor
- **CE** for shipment into Europe

Options

- C-Face or IEC motor adapter
- Movimot® integrated inverter @ motor conduit box
- Corrosion protection
- High cycling fail-safe brake
- Forced cooling fan for low frequency operation
- Thermostat or thermistor protection
- Plug connectors for quick motor replacement
- Motor encoder - built-in or externally mounted
- CSA hazardous location and ATEX rated motors
- Servo Motor

Applications

- Chain conveyors
- Belt conveyors
- Roller conveyors
- Bottle transport line - beverage industry
- Baggage handling systems
- Horizontal/Vertical transport units



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About SEW-Eurodrive

Our product is motion. Our focus is solutions. As a worldwide supplier of innovative gearing, motor, and electronic drive technology, we have been solving problems in large and small applications within virtually every industry for over 80 years.

We also specialize in reducing the total cost of ownership with our customer-specific energy saving solutions.

Globally, we have assembly centers in 44 countries, along with 15 production plants. Therefore, we are able to provide uniform quality standards and international application experience.

Locally, we provide final assembly and custom modifications plus assistance with project planning, startup, and training. All products are backed by our industry-leading 24/7 support program.

SEW-Eurodrive ... Driving the World

