

Solution for high speed logistics

**SPIROPLAN® right-angle gearmotors W37/W47**



## Fast. Efficient. Quiet. Economical. Versatile.

High speed, high efficiency, and low noise makes W37/47 SPIROPLAN® right-angle gear units from SEW-EURODRIVE the perfect choice for conveyors.

Low cost + Low energy usage + Low maintenance = Low **T**otal **C**ost of **O**wnership (TCO)

### Top Speed and High Efficiency

SPIROPLAN® right-angle gear units offer low gear ratios for high output speeds (up to 545 rpm with 4-pole motor). The wear-free gears minimize friction and optimize the mechanical efficiency up to 94%.

They deliver output torques to 1600 lb-in with a power range from 0.12 to 7.5 HP.

### Versatile

With a robust aluminum housing, SPIROPLAN® gear units are compact, light-weight, and can be mounted in any orientation (except M4) with the same amount of oil.

They are perfect for all types of conveyors used for food, beverage, material handling, airports, and other logistics.

Their wear-free gearing ensures very low noise. Thus, SPIROPLAN® right-angle gear units are also perfectly suited for quiet, sensitive work areas.

### Low Energy and Low Maintenance

The first stage helical gearing and the second stage hypoid gearing of the W37 & W47 SPIROPLAN® provide high mechanical efficiency and low energy consumption compared to right-angle worm gear units.

Plus, they are lubricated for life which makes them virtually maintenance-free!

Low cost, low maintenance, and low energy consumption means low Total Cost of Ownership (TCO).

### Benefits Summary:

- High output speeds (ratio  $\geq$  3.20:1)
- Input power up to 7.5 HP
- Improved high efficiency levels (up to 94%)
- Low energy consumption
- Direct motor mounting
- Low noise level
- Lifetime lubrication
- Available as shaft-mounted with smooth surface for hygienic applications
- Flexible mounting:
  - can be mounted vertically or horizontally with the same footprint and shaft height
  - can be directly mounted to non-SEW motors using a C-Face or an IEC adapter
  - can be directly mounted to asynchronous motors and servomotors from SEW

Driving the world – with innovative drive solutions for all industries and every application worldwide.

Typical industries where SEW-EURODRIVE products are used include automotive, building materials, metal processing, wastewater, and food and beverage.

Drive technology “made by SEW-EURODRIVE” is synonymous with quality, service, and sound investment.



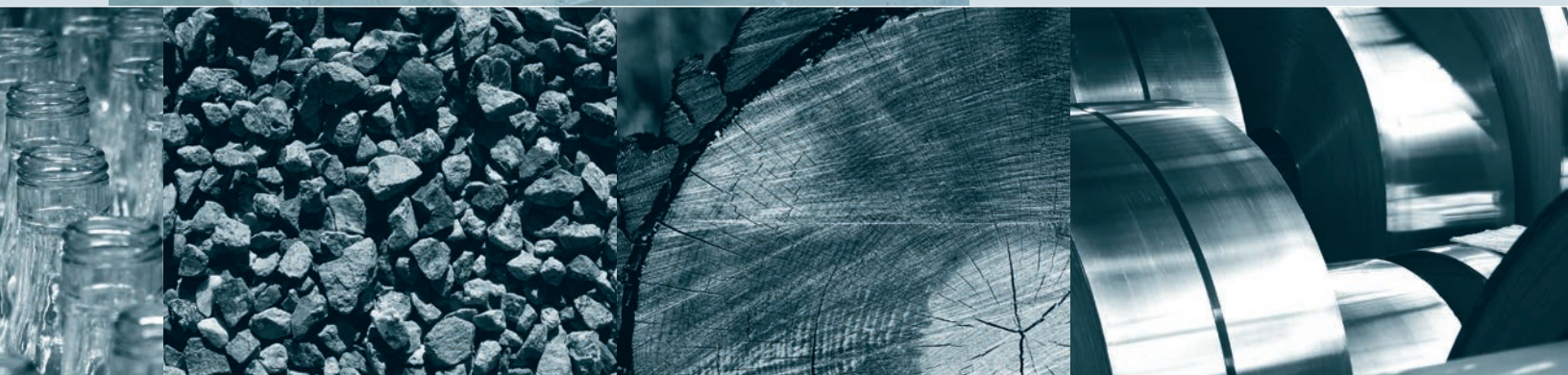
## Technical Data

Type	Max. output torque [lb-in]	Gear ratio [i]
W20	354	6.57 ... 75.00
W30	620	
W37	975	3.20 ... 69.05
W47	1600	3.27 ... 74.98



### Gear unit versions

- Foot or flange-mounted version
- B5 flange-mounted version
- B14 flange-mounted version
- Output shaft designs: solid, keyed hollow, or keyless hollow TorqLOC®
- Direct mounting to asynchronous motors
- Direct mounting to servomotors
- Adapter mounting for C-Face or IEC flanged motors
- Optional MOVIMOT® integrated frequency inverter
- Optional MOVISWITCH® integrated switching and protection function





## How we're driving the world

With PT Pilot® online quoting program available 24/7 via smartphone, tablets, and Internet.

With a worldwide service network that is always close at hand.

With a global presence that offers responsive and reliable solutions. Anywhere.

With uncompromising quality that reduces the cost and complexity of daily operations.



**SEW-EURODRIVE**  
Driving the world

With comprehensive knowledge in virtually every branch of industry today.

With industry-leading training and 24-hour technical support, nationwide.

With innovative technology that solves problems today.

With drives and controls that automatically improve your productivity.

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