



## F-Series the SNUGGLER® Parallel Helical Gearmotors

### OVERVIEW

SEW-Eurodrive's F-Series parallel helical gearmotor lives up to its name as the ideal drive for tight space conditions. This compact drive, with its multiple mounting configurations, is a rugged alternative to right angled gearmotors.

### PRODUCT RANGE

- Power ratings from 0.05 to 336 HP
- Output speeds from 0.06 to 464 rpm (based on 4 pole motor)
- Output torques to 159,300 lb-in.

### STANDARD FEATURES

#### Reducers

- Gears manufactured from certified steel, heat treated to a case hardness of 58-62 Rockwell C for long gear life
- Finished ground or shaved gear teeth to assure maximum mechanical efficiency, (approximately 1.5% loss/gear stage), minimum noise and heat generation
- High capacity anti-friction bearings for optimum load carrying capacity and long life
- Double output seal design consisting of patented bi-helix inner seal made of Viton®, and double-lip Nitrile (Buna-N) outer seal\*
- Captured keys on input and output shafts
- Gearcases made of high strength gray cast iron, SAE Class 30. F27 made of high strength pressure cast aluminum
- High cross-section modulus design, rugged monobloc design for maximum rigidity
- Center tapped holes on output shafts
- Available with inch dimension output shafts
- Integral torque arm



### Motors

- NEMA design B/C
- Inverter duty
- Connection terminals
- Extremely low motor rotor inertia
- CE Mark for shipment into Europe

### Mounting Configurations

- Multiple mounting options including foot, flange or shaft mounts
- Suitable for mounting in any position
- Available as a gearmotor or a gear brakemotor

### OPTIONAL FEATURES

- TorqLOC®
- Hollow or solid output shafts available in metric sizes
- Severe duty protection
- Long-term storage protection
- 50 Hz motors for worldwide use
- Motors with high cycling capacity fail-safe brake
- Forced cooling for low frequency motor operation
- Thermostat or thermistor protection
- Plug connector terminal box for fast motor replacement

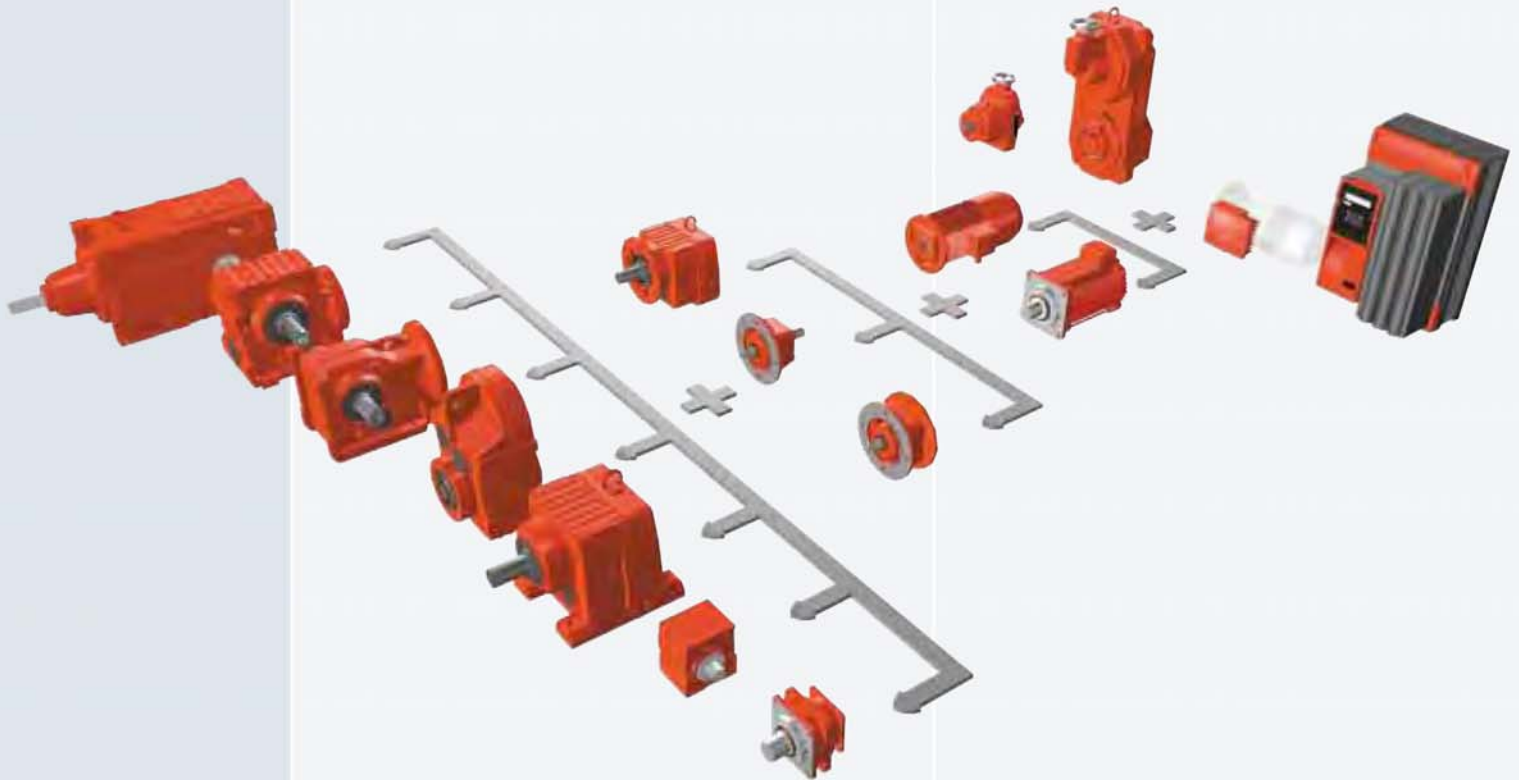
\*Applicable 7-Series

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SEW-EURODRIVE  
Driving the World

**SEW**  
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For more than 50 years, SEW-Eurodrive has been industry's global supplier of choice for innovative, reliable gearing and high-performance motors. We are also one of the world's leading suppliers of electronic drives. Wherever things need to be moved – that's where you'll find SEW-Eurodrive.

SEW gear units are legendary for their outstanding performance and uncompromising quality, and for the vast selection of modular options and power ratings available to meet the requirements of virtually any application. Installed in all major industrial sectors, our drive products continue to set new quality standards globally for meeting today's advanced power transmission challenges.

In our nine global manufacturing centers, we build SEW drive components and modules to exactly the same specifications and tolerances. However, final assembly and custom modifications are performed in our 56 regional assembly plants, located close to our customers

in 40 countries around the world – so here in North America you can rest assured you're getting exactly the same drives, no matter where your equipment is going into operation.

What's more, being in close contact with our customers enables our sales engineers and technical specialists to provide knowledgeable applications and project planning assistance, as well as complete startup and training, at your site. And of course, all SEW-Eurodrive products are backed by our industry-leading 24/7 support program, should you ever require service.

SEW-Eurodrive. Driving the world – with innovative products, systems and support that deliver superior performance for your power transmission application.

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