

PRODUCT FOCUS



R-Series Parallel Gearmotors

OVERVIEW

SEW-Eurodrive's R-Series parallel gearmotors deliver exceptional performance and reliability combined with low maintenance. Available in many configurations, they continually distinguish themselves with their efficiency and durable gearing.

PRODUCT RANGE

- Power ratings from 0.05 to 433 HP
- Output speeds from 0.06 to 1346 rpm
- 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
- Captured keys on input and output shafts
- Gearcases made of high strength gray cast iron, SAE Class 30. R27 and smaller made of high strength pressure cast aluminum
- High cross-section modulus design, with center wall for maximum rigidity
- Center tapped holes on output shafts
- Double output seal design consisting of patented bi-helix inner seal made of Viton®, and double-lip Nitrile (Buna-N) outer seal*
- Available with inch dimension solid output shafts



Motors

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

Mounting Configurations

- Foot or flange mounts, foot/flange mounts available on selected sizes
- Suitable for mounting in any position
- Available as a gearmotor or a gear brakemotor

OPTIONAL FEATURES

- Solid output shafts available in metric sizes
- Severe duty protection
- Long-term storage protection
- Motors with high cycling capacity fail-safe brake
- 50 Hz motors for worldwide use
- 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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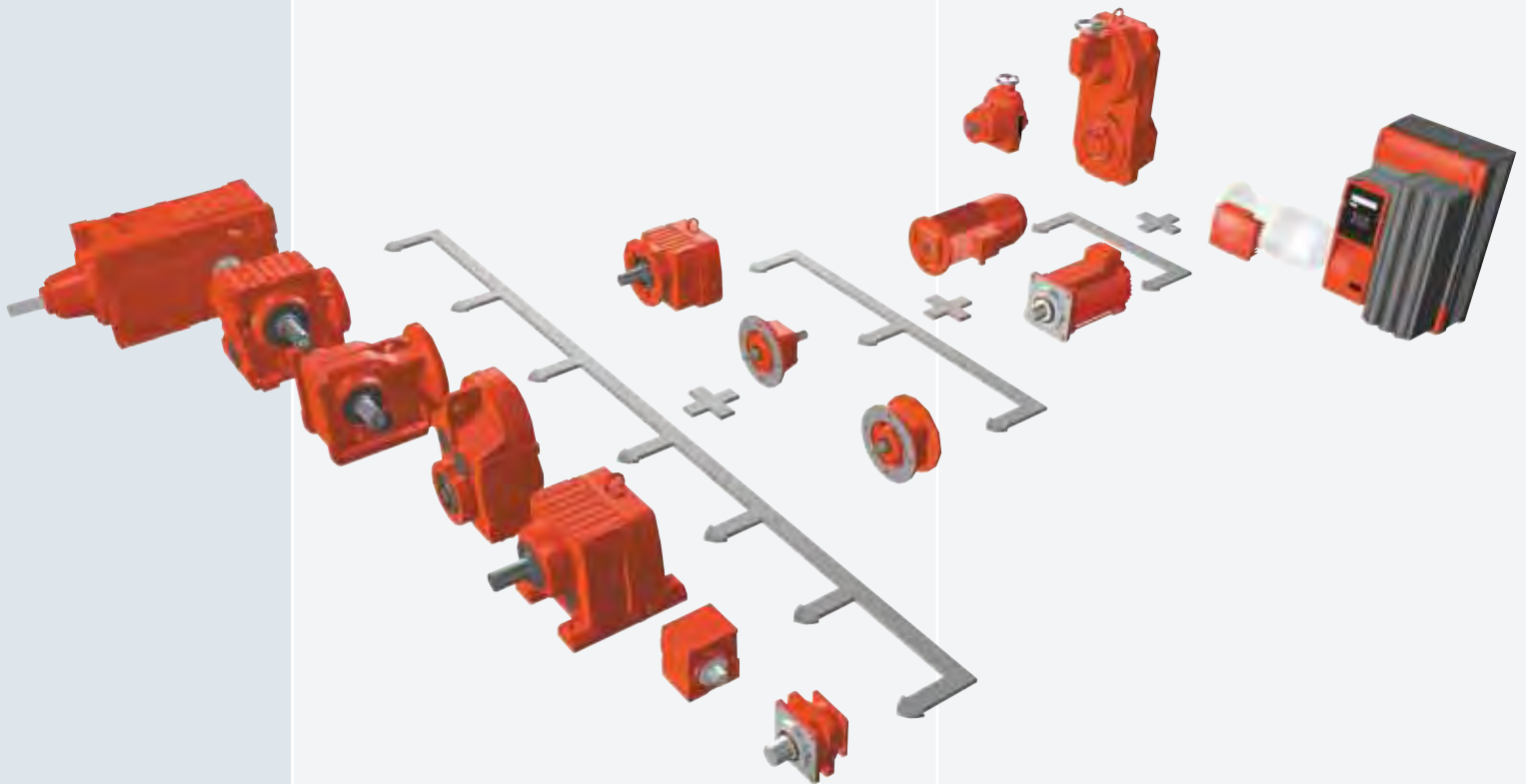


SEW-EURODRIVE
Driving the World

SEW EURODRIVE



PRODUCT FOCUS



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.

