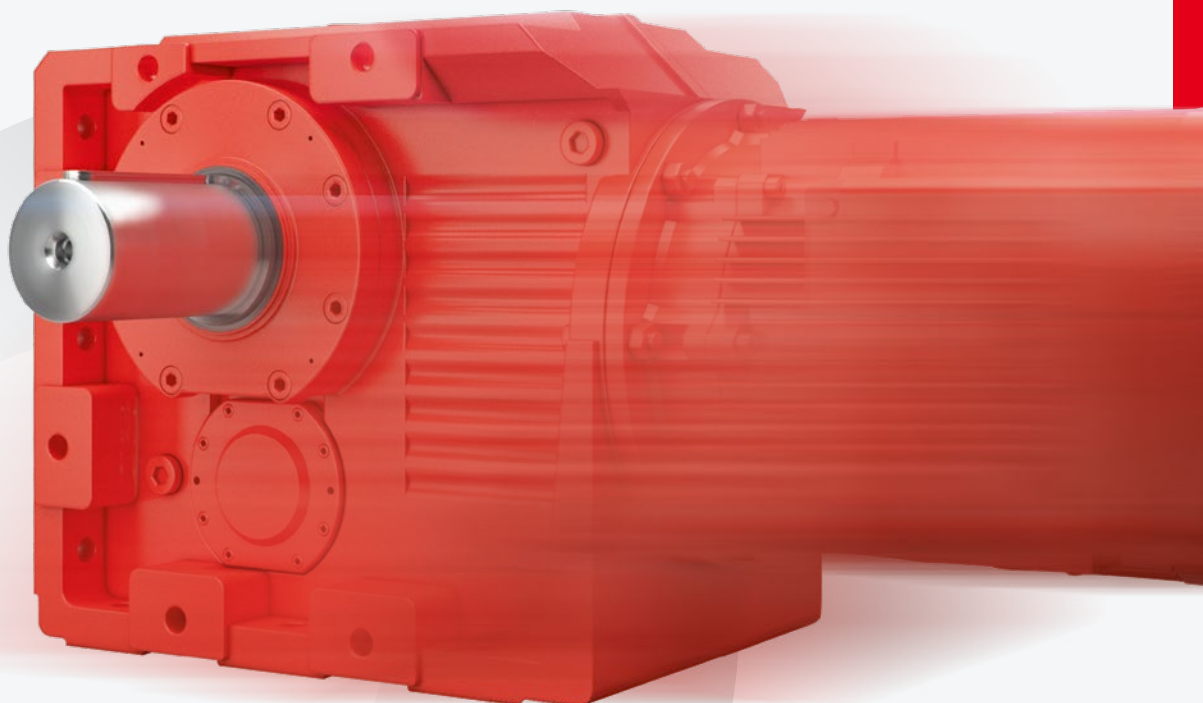


Fast, faster, large gearmotors to go

Large gearmotors in just
five working days

→ 2/2023

up to



date

Large gearmotors to go

Let's be honest, we've all been involved in projects that have either overrun or were subject to last-minute changes in the final stages. It's actually become the norm. When this happens, selecting and ordering the appropriate drive technology for the project is often left till the end. Despite that, you can still meet your deadline thanks to our delivery time program solution.

This program gets drives to you within a very short space of time. With ATO 5 (Assemble To Order), your gearmotor leaves our assembly plant just five working days after we receive your order.

ATO 5 drives are large gear units and gearmotors – starting from size 127, in variants we have specified in advance – that are supplied directly from our production and assembly plant in Bruchsal. It's normally no problem to deliver smaller gearmotors at short notice from our numerous assembly plants.

Since large gearmotors require more complex assembly equipment, however, they often need to be assembled directly in our Plant for Large Gear Units in Bruchsal, and it therefore takes an extra few days to transport the drive to the customer. This being the case, we have taken a look at which variants are required most frequently and thought about how to significantly shorten the period you need to wait between order and delivery. The result is our delivery time program for large gearmotors, which ensures even large gear units and gearmotors can be delivered as quickly as possible.



How did we do it?

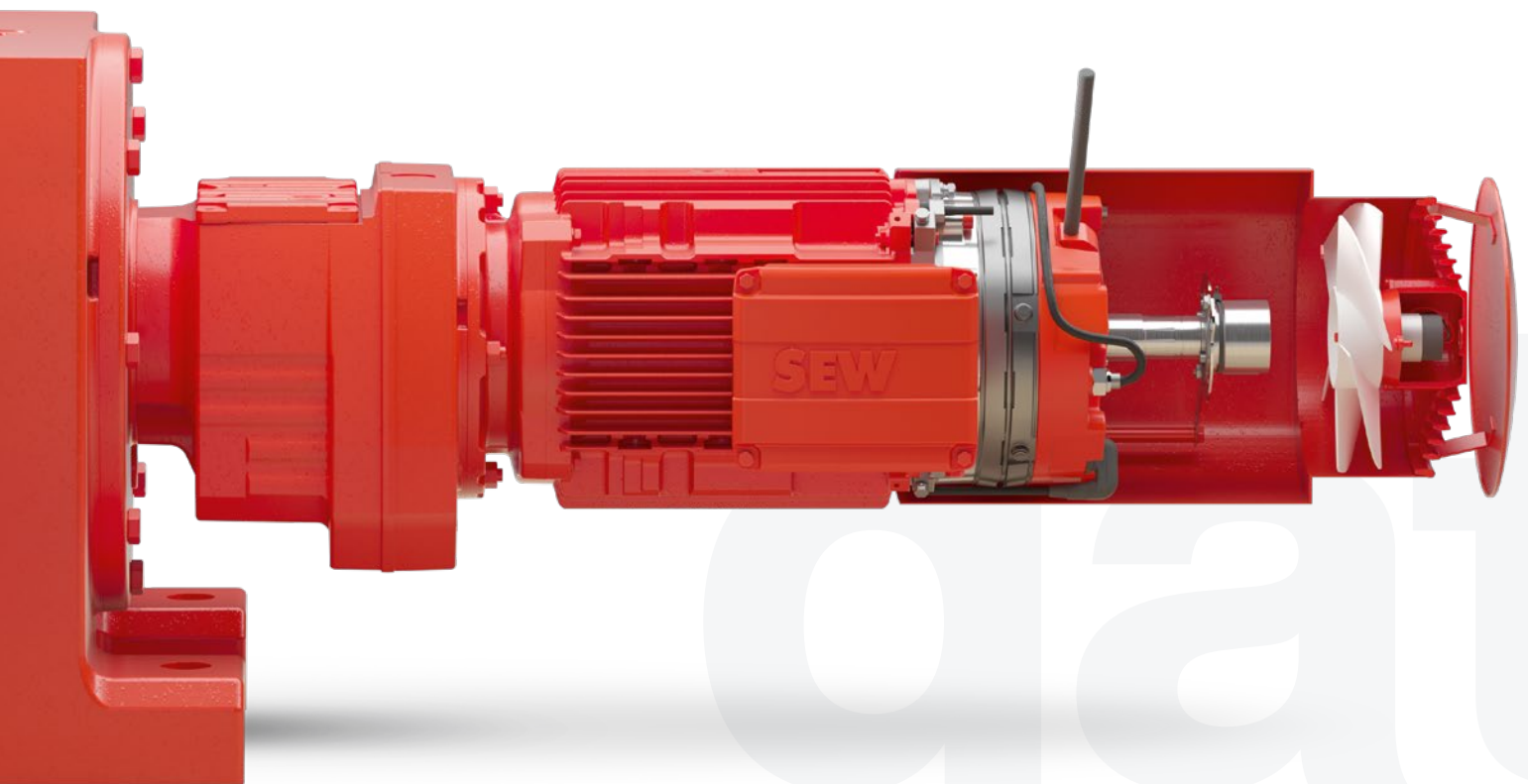
It goes without saying that all technical features of the gearmotors remain the same. However, we have increased our stock levels and are now also keeping additional parts in stock to achieve this short delivery time. What's more, we have restructured and optimized both internal plant processes and workflows involving various plants.

Here is an example: In the case of large compound gear units, the motor often comes from our sister plant in France, the small primary gear unit is assembled at our plant in Graben-Neudorf, and the large main gear unit comes from the Plant for Large Gear Units in Bruchsal. Previously, the motor was sent from France to the Graben plant, where it was fitted onto the small primary gear unit and the gear unit was filled with oil. This unit was then attached to the large main gear unit at the Plant for Large Gear Units in Bruchsal.

With the launch of the delivery time program for large gearmotors, all components are now delivered from the other assembly plants to the Plant for Large Gear Units, where they are assembled to create a single unit and sent directly to the customer. To make this possible, it was necessary, for example, to plan and implement an oil-filling system for the small primary gear unit at the Plant for Large Gear Units.

Why are we doing this?

The program forms part of our service philosophy, to which we are totally committed. Beyond the functional benefits of the product, it is important to us to be by your side – throughout the life cycle of our products, from start to finish. The scope of delivery thus perfectly complements our procurement and delivery service program.



Which gearmotors are included in the program?

Gearmotors	Gear unit size	M_{amax} gear unit Nm	Motor size DRN.. (IE3)	Motor power kW at 50 Hz
Helical	R..127	6000	63MS4 – 225M4	0.12 – 45
	R..137	8000	63MS4 – 280M4	0.12 – 90
	R..147	13 000	63MS4 – 280M4	0.12 – 90
	R..167	20 000	71MS4 – 280M4	0.25 – 90
Parallel-shaft helical	F..127	12 000	63MS4 – 280M4	0.12 – 90
	F..157	20 000	71MS4 – 280M4	0.25 – 90
Helical-bevel	K..127	13 000	63MS4 – 280M4	0.12 – 90
	K..157	20 000	71MS4 – 280M4	0.25 – 90
	K..167	35 000	71MS4 – 280M4	0.25 – 90
	K..187	53 000	71MS4 – 280M4	0.25 – 90

With ATO 5, large gear units and gearmotors can be delivered from the Plant for Large Gear Units in five working days.

The benefits for you

Under our ATO 5 program, we can offer you the following gear unit designs:

- Helical, parallel-shaft helical, and helical-bevel gear units, starting from size 127
- Foot-mounted, shaft-mounted, and flange-mounted designs
- Output shaft as a solid shaft, hollow shaft with key, or shrink disk, TorqLOC® hollow shaft mounting system
- All standard metric flange and shaft dimensions
- Gearmotors and also gear units without a motor, with AD.. input shaft end or AMS.. motor adapter for attaching IEC motors
- Compound gear units and compound gearmotors

Available

motor designs are as follows:

- DRN.. IE3 motor series
- 4-pole design
- Standard motor voltages 230/400 V or 400/690 V
- Standard frequency 50 Hz
- European conformity (CE)
- Braking with standard braking torques
- Optional manual release (/HR and /HF) for brakes
- With/without TF temperature sensor
- Built-in encoder or cone shaft encoder
- Canopy
- Forced cooling fan with voltage of 230 V

How does this help you?

If you ...

... are a design engineer:

- You can make up time lost as a result of changes and delays.
- You will be able to speed up your project if your customer requests shorter delivery times.
- You can gain time for other tasks thanks to straightforward component selection.

... work in maintenance:

- You will find unplanned system stoppages less daunting.
- You can reduce your stocks of replacement drives – we act as an extension of your warehouse.
- Short delivery times will make it easier to plan preventive maintenance.

... work in procurement:

- You can wait until all internal tasks are complete before you order drives.
- You will save on costs by avoiding potential changes and additional outlay.
- Rapid delivery will make you more flexible.

ATO 5

Ensure your project is a success, with our customized processes and enhanced stocks!

You will no doubt be familiar with delivery problems and the current situation regarding component supplies. Despite these difficulties, our high level of vertical integration – we manufacture up to 95 percent of a gearmotor ourselves – means we can get gear units and gearmotors from our delivery time program to you within a very short space of time.

- For the “large gearmotors to go” delivery time program, we have increased our **stock levels**.
- By opting for SEW-EURODRIVE, you are opting for **flexibility**. Order your gear unit or gearmotor whenever you like.



SEW-EURODRIVE GmbH & Co KG

Ernst-Blickle-Str. 42
76646 Bruchsal/Germany
T +49 7251 75-0
F +49 7251 75-1970
sew@sew-eurodrive.com
www.sew-eurodrive.com