

Simply complete – simply compact

PxG®CM3C.. planetary servo gearmotors
with compact mounting



A modular concept for high-precision solutions

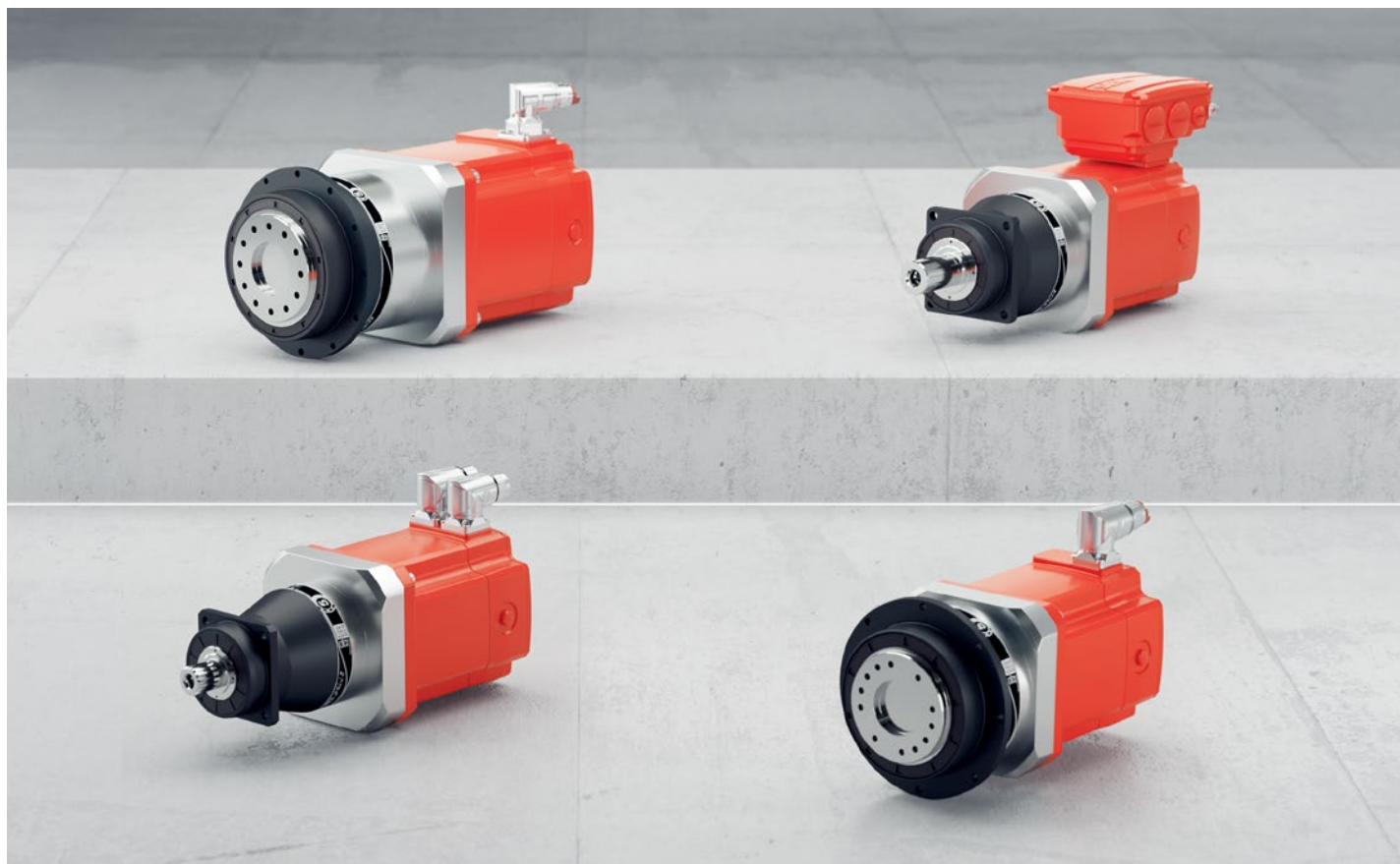
Our modular system combines the individual components – servomotor, planetary gear unit and accessories – entirely in line with your requirements to create a powerful drive unit for your machine.

Simply complete – simply compact

CM3C.. synchronous servomotors are available in four sizes, each with three different installation lengths. Forming part of SEW-EURODRIVE's unique modular automation system and boasting an optimum drive configuration, they can be used with great flexibility.

PxG® planetary gear units are supplied already mounted on the CM3C.. by means of a compact, detachable positive-locking interface.

- **Space-saving** – 20% higher power density thanks to a short design
- **Reliable** – continuous form fit ensures reliable torque transmission
- **Simple (dis)assembly** – innovative oil-tight interface guarantees reliable service
- **Durable** – optimized thermal limit rating



Various performance classes tailored to your requirements



P5.G

The scalable all-rounder

- No leakage thanks to the Premium Sine Seal oil seal
- Hardened gearing for excellent wear protection
- Optimized for short-time duty, with a cyclic duration factor of up to 60%
- Service life of at least 20 000 operating hours



P6.G

The fast endurance runner

- Optimized thermal behavior for efficient operation
- Integrated length compensation to protect against impermissible bearing loads
- Optimized for high speeds and continuous duty, with a cyclic duration factor of up to 100%
- Service life of at least 30 000 operating hours



P7.G

The precision powerhouse

- Very high peak torques for more dynamic performance in the tightest of spaces
- Maximum precision as standard ($\leq 1.5 - 3$ arcmin)
- Optimized for short-time duty, with a cyclic duration factor of up to 60%
- Service life of at least 20 000 operating hours

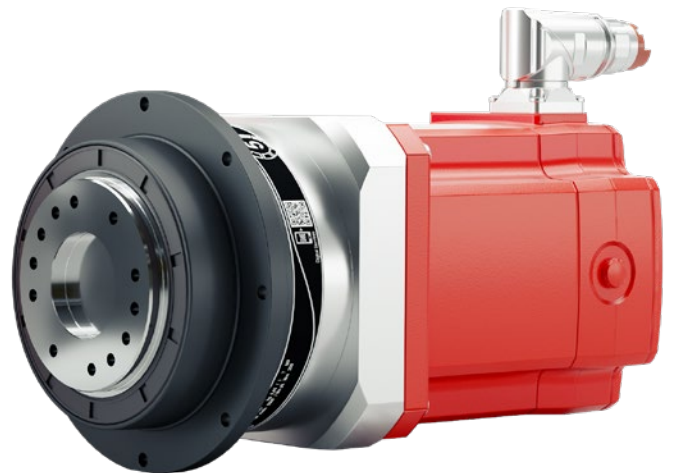
CM3C.. synchronous servomotors

For finely scalable and highly flexible drive solutions

CM3C.. servomotors are a dynamic, high-performance solution with a compact design.

A peak torque range of 8.1 to 120 Nm means they are ideal for applications where large loads need to be moved safely and precisely. Their hygienic design also makes them suitable for the food and beverage sector.

- **Compact design for when space is very tight**
- **Condition monitoring thanks to MOVILINK® DDI digital motor interface**
- **Fast, safe and cost-effective installation**



PxG® planetary servo gear units

The modular gear unit system for any application

A powerful, high-precision planetary gear unit with peak torques of up to 6500 Nm that is available in six sizes and offers numerous options, including enhanced corrosion protection with stainless steel output shafts and a variety of lubricants, the PxG® provides a practical modular system from a single source.

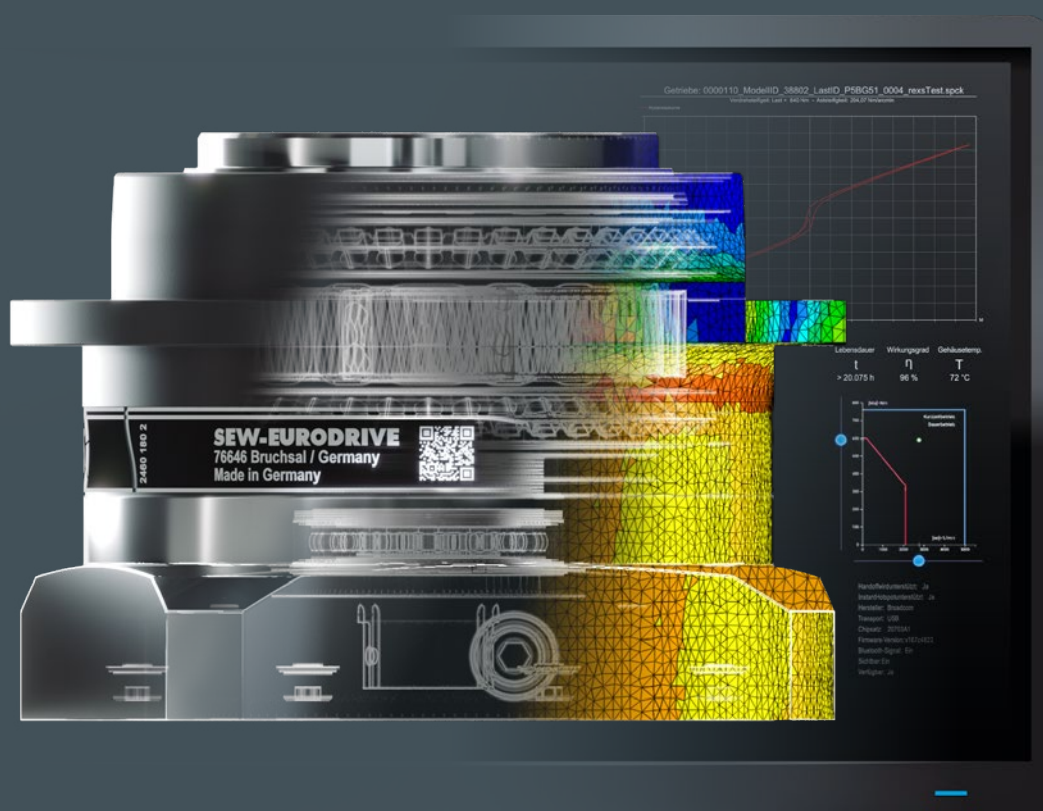
The compact PxG® planetary servo gear unit's market-standard output geometry paves the way for space-saving integration in a whole host of applications, in conjunction with the CM3C.. servomotor. All units benefit from helical gearing and impressively smooth running.

- **High torque but a small installation space**
- **Long service life and consistent operating performance**
- **Fast delivery times and a high level of availability**



Ready for Industry 4.0

Every PxG® design has a digital twin. All parts and components are checked on an ongoing basis during the production process. Following assembly, a 100% outgoing goods inspection ensures consistently high product quality and operating performance. You can use the specific QR code on the gear unit to call up product information and, for example, gain direct access to the operating instructions.



Other topics that might be of interest to you

PxG® planetary servo gear units
CM3C.. synchronous servomotors
PxG®CM3C.. planetary servo gearmotors



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