

SEW
EURODRIVE



PRODUCTS AND SOLUTIONS

INNOVATIONS

2019



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INNOVATIONS

2019

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MOVI-C® – modular automation system

Power and Energy Solutions

■ Using energy sensibly

- Increasing the energy efficiency and using appropriate measures to reduce the energy consumption in automation
- without affecting the high degree of availability of processes, production, and machine cells

Power supply module with controlled DC link voltage

- Nominal line voltage: 3 x AC 200 – 500 V
- Controlled DC link voltage: DC 0 – 800 V
- Nominal power: 25 kW
- Overload capacity: 160%
- Parallel connection possible

Switched-mode power supply module with AC and DC supply

- Input voltage: 1 x AC 200 V – 3 x AC 500 V or DC 150 V – 800 V
- Nominal output voltage: DC 24 V
- Nominal output current: 22.5 A
- Parallel connection possible

Capacitor module

- Voltage range: DC 0 – 800 V
- Typical energy content: 2 kW
- Connection via DC bus
- Parallel connection possible

External capacitors

- Voltage range: DC 0 – 800 V
- Energy content up to: 3000 kW
- Connection via DC cable
- Options for both parallel and series connection



MOVI-C® – modular automation system

Decentralized inverter

One decentralized inverter for four product families

- Available in 2 sizes (additional sizes are planned)
- 2.0 A to 5.5 A nominal output current
- High overload capacity (up to 300%)
- Can be operated on various communication systems
- Simplified startup and diagnostics due to MOVIKIT® modules
- Replaceable memory module (integrated) for easy device replacement
- Increased energy efficiency due to integrated standby operation and flux optimization



MOVI-C® – modular automation system

MOVIMOT® flexible (MMF.)

- Field distributor compatible with all standard gearmotors
- For installing electronics close to the motor
- With a nominal current of 2 to 5.5 A for asynchronous motors with a nominal power of 0.55 to 2.2 kW
- With integrated safety technology CSB51A (STO, SS1c)
- Optionally available with load disconnecter and keypad

Control variants

- DFC – Direct Fieldbus Control (PROFINET, EtherNet/IP™, Modbus TCP, POWERLINK CiA 402)
- DSI – Direct System Bus Control (EtherCAT®, SBus^{PLUS})
- DBC – Direct Binary Communication
- DAC – Direct AS-Interface Communication

In preparation

- SNI – Single Line Network Installation



MOVI-C® – modular automation system

MOVIGEAR® classic

- Integrated drive unit consisting of permanent-magnet synchronous motor and gear unit
- Available in three gear unit stages and four power classes



Size	MGF.1-DSM-C	MGF.2-DSM-C	MGF.4-DSM-C	MGF.4-DSM-C/XT
Torque class Nm	100	200	400	400 with extended continuous torque
Nominal power kW	Up to 0.4	Up to 0.9	Up to 2.1	Up to 3.0
Hollow shaft design	– with key – with TorqLOC® hollow shaft mounting system			
Hollow shaft diameter mm	20, 25	20, 25, 30, 35, 40	30, 35, 40	
	A range of inch shafts is available, depending on the size of the MOVIGEAR® and the hollow shaft design.			
Output speed range (at n _e = 2000 min ⁻¹) min ⁻¹	35.7 – 555	36.2 – 593	35.4 – 566	
Universal mounting position /MU (M1, M2, M3, M4, M5, M6)	In combination with /PG pressure compensation gear unit			
Recommended inverter combinations	From the modular MOVI-C® automation system: the new application inverters MOVIDRIVE® modular, MOVIDRIVE® system and MOVIDRIVE® technology as well as the new decentralized inverter MOVIMOT® flexible.			
	with inverter 0.75 kW output current 2.0 A	with inverter 1.5 kW output current 2.0 A	with inverter 2.2 kW output current 4.0 A	with inverter 4.0 kW output current 5.5 A
	Also available with MOVITRAC® LTP-B (380 V to 480 V).			
Maximum overload capacity depends on inverter	Up to 300%, depending on the inverter configuration			
Dimensions W x H x D mm	113 x 265 x 214	145 x 319 x 247	180 x 378 x 309	
Weight kg	8	14	25	27
Global motor	Certifications/conformity: CE (Europe) / UL-approved (USA and Canada) / UkrSEPRO (Ukraine) / EAC (Russia, Belarus, Kazakhstan) System voltage: 400 V			
Energy-saving potential	Corresponds to efficiency class IE5 according to IEC TS 60034-30-2			
Degree of protection	IP65 according to EN 60529 Wet area package with IP66 in preparation			
Ambient temperature	-25 °C to +60 °C			

MOVI-C® – modular automation system

MOVIGEAR® performance

- Fully integrated and compact design
- Drive unit consisting of permanent-magnet synchronous motor, gear unit and integrated inverter
- Available in two sizes and three power classes



Sizes	MGF.2-C	MGF.4-C	MGF.4-C/XT
Torque class Nm	200	400	400 with extended continuous torque
Nominal power kW	Up to 0.8	Up to 1.5	Up to 2.1
Hollow shaft design	– with key – with TorqLOC® hollow shaft mounting system		
Hollow shaft diameter mm	20, 25, 30, 35, 40	30, 35, 40	
Output speed range Speed encoder range 1:40 (without encoder) min ⁻¹	0.9 – 593	0.9 – 566	
Universal mounting position /MU (M1, M2, M3, M4, M5, M6)	Pressure compensation of gear unit /PG		
Overload capacity	– Up to 300% – Prevents oversizing in static operation – Reduces installed size of necessary supply infrastructure – Integrated overload protection device		
Communication/ installation variants	– DFC – Direct Fieldbus Communication (PROFINET, EtherNet/IP™, Modbus TCP, POWERLINK C1A 402) – DSI – Direct System Bus Installation (EtherCAT®, SBus ^{PLUS}) – DBC – Direct Binary Communication – DAC – Direct AS-Interface Communication In preparation: – SNI – Single Line Network Installation		
DynaStop® option	DynaStop® electrodynamic retarding function (/DSP)		
Functional safety	– Integrated STO (Safe Torque Off) safety function according to IEC 61800-5-2 – Safety Integrity Level 3 according to EN 61800-5-2: 2017, EN 61508: 2010. – PL e according to EN ISO 13849-1: 2015		
Dimensions W x H x D mm	145 x 370 x 247	180 x 438 x 309	180 x 459 x 309
Weight kg	16	26	28
Global motor	Certifications/conformity: CE (Europe) / UkrSEPRO (Ukraine) / EAC (Russia, Belarus, Kazakhstan) In preparation: UL approval (USA and Canada)		
Connection voltage	380 V – 500 V at 50/60 Hz	380 V – 500 V at 50/60 Hz	400 V – 500 V at 50/60 Hz In preparation
Energy-saving potential	Motor in accordance with IEC 60034: corresponds to efficiency class IE5 according to IEC TS 60034-30-2 Drive system according to EN 50598-2 (Power Drive System) – With an unrivaled overall system efficiency IES2 according to IEC 61800-9-2 and – An energy efficiency class IE5 according to IEC TS 60034-30-2 – The losses of the PDS of MOVIGEAR® are only half those of the IES2 reference system (even with integrated gear unit)		
Degree of protection	Standard: IP65 according to EN 60529		
Ambient temperature	-25 °C to +60 °C		

MOVI-C® – modular automation system

MOVIMOT® advanced

Announcement

Drive unit consisting of an asynchronous motor with integrated inverter

- Can be combined with all of the standard gear units from SEW's modular system
- Motor energy efficiency class IE3 according to IEC TS 60034-30-2
- Innovative Premium Sine Seal oil seal reduces wear in the drive unit and increases life expectancy by a factor of 2
- High-quality and robust plug connectors for simple installation and durability in harsh ambient conditions
- Advanced sensorless open-loop control and optional single-turn encoder
- Optionally available as a brakemotor (incl. manual brake release)
- Optionally available with integrated maintenance switch and feedback contact
- 0.37 to 2.2 kW nominal power (up to 7.5 kW in preparation)



MOVI-C® – modular automation system

MOVIMOT® performance

Announcement

Drive unit consisting of a synchronous motor with integrated inverter

- Can be combined with all of the standard gear units from SEW's modular system
- An overload capacity of up to 300% allows for optimal capacity utilization of the drive and a reduction of the connected load
- Motor energy efficiency class $\geq$ IE4 according to IEC TS 60034-30-2
- Low-noise operation (no fan)
- Innovative Premium Sine Seal oil seal reduces wear in the drive unit and increases life expectancy by a factor of 2
- Direct wiring via terminals or simple, quick installation with robust plug connectors
- Sensorless speed control or optional positioning using multi-turn absolute encoders
- Optionally with a brake (incl. manual brake release) or with the DynaStop® electrodynamic retarding function



MOVI-C® – modular automation system

FIELD CONTROLLER

Announcement



Decentralized control for motion control that combines all the advantages of MOVI-C® with field installation

- Flexible solution due to a housing with a high degree of protection
- Reduced system complexity due to the modular concept
- Reduced capacity utilization of fieldbus networks
- Easy to replace subordinate drive components using integrated data management
- Combination with previously tested MOVIKIT® single and multi-axis modules
- Consistent software platform with the controllers that use SEW control cabinet technology
- Enables condition monitoring

MOVITRANS® contactless energy transfer system Decentralized supply unit TES

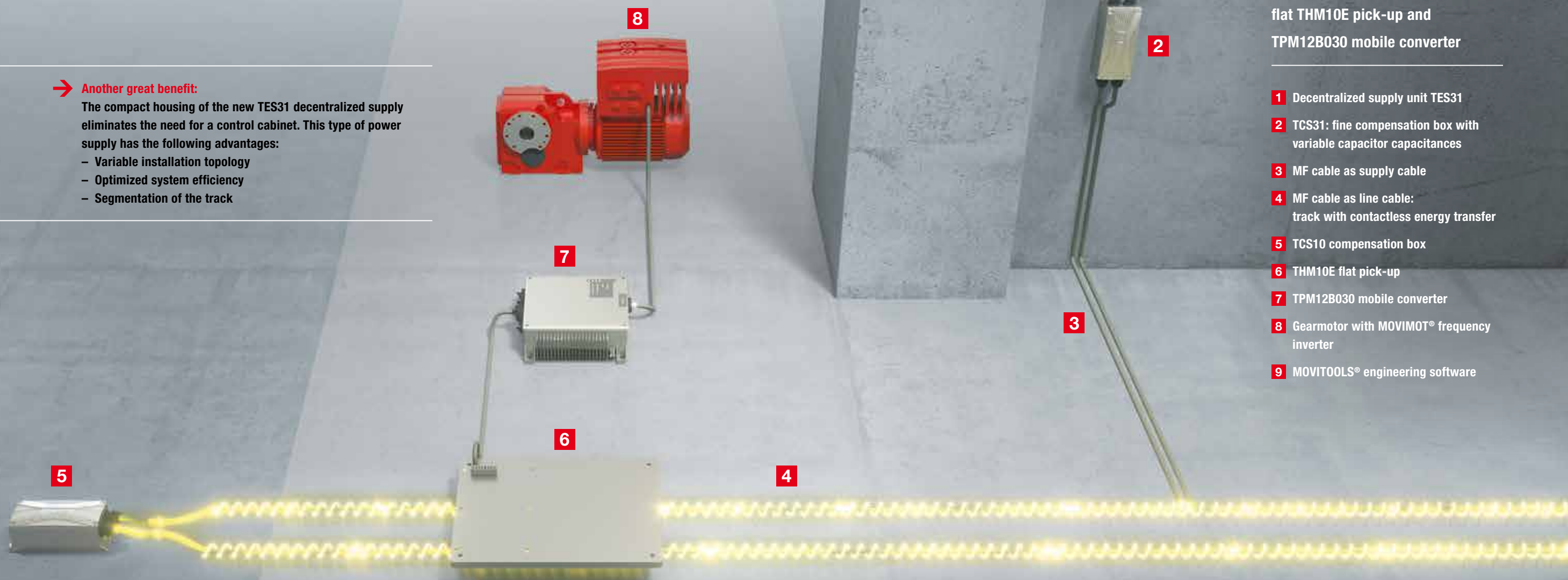
The MOVITRANS® contactless energy supply system from SEW-EURODRIVE works on the principle of inductive energy transfer. In this system, electrical energy is transferred without contact from a fixed conductor to one or more mobile consumers. The electromagnetic connection is made via an air gap and is not subject to wear, making it maintenance-free.



Another great benefit:

The compact housing of the new TES31 decentralized supply eliminates the need for a control cabinet. This type of power supply has the following advantages:

- Variable installation topology
- Optimized system efficiency
- Segmentation of the track



System overview and operating principle of MOVITRANS® with flat THM10E pick-up and TPM12B030 mobile converter

- 1** Decentralized supply unit TES31
- 2** TCS31: fine compensation box with variable capacitor capacitances
- 3** MF cable as supply cable
- 4** MF cable as line cable: track with contactless energy transfer
- 5** TCS10 compensation box
- 6** THM10E flat pick-up
- 7** TPM12B030 mobile converter
- 8** Gearmotor with MOVIMOT® frequency inverter
- 9** MOVITOOLS® engineering software

Servo gear units

PxG® planetary servo gear units

available 11/2019

Simply more added value. Because we understand your needs,
we can close the gap between your servomotor and application with the
new PxG® planetary servo gear units.
After all, they offer crucial added value for every application.



Find the best solution fast

- Wide-ranging modular system for optimum adaptation to your application
- Geometrical compatibility with the market standard
- Custom configuration to precisely suit your requirements in terms of service life, precision and performance

Impress with technological innovation

- Use of exclusive machine elements such as the SEW GearOil Poly E1 series and the Premium Sine Seal sealing system
- 100% inspection of all installed gear units
- A digital twin accompanies the product throughout its entire life cycle

Ensure top quality and high availability

- Rapid delivery times for a widely varying modular system
- High availability and rapid re-procurement
- Consistently high quality standards for series and individual products

Plan your future with a strong global partner

- We provide solutions for the entire world of drive technology
- Innovation partner for the future
- Highly proficient on-site consulting and support worldwide

Planetary servo gear units	P5.G..	P6.G..	P7.G..
Sizes	21, 31, 32, 41, 42, 43*, 51, 52, 53*		
Gear ratio	1-stage	3 – 10	4 – 5.5
	2-stage	12 – 100	16 – 55
	3-stage	On request	64 – 550
Acceleration torque	66 – 840 Nm	40 – 480 Nm	80 – 990 Nm
Rotational clearance	3 – 4 arcmin		1 arcmin
Service life	20 000 h (DC 60%)	30 000 h (DC 100%)	20 000 h (DC 60%)
Output variants	– Smooth solid shaft – Solid shaft with key – Splined solid shaft (DIN 5480) – Flange block shaft without index bore – Flange block shaft with index bore		Flange block without index bore
Lubrication	Lubrication for life: – SEW GearOil Poly E1, also in H1 (food grade) – SEW Grease HL2 E1, also in H1 (food grade)		
Seal	Premium Sine Seal or labyrinth seal (in the case of grease lubrication)		

* P7 only

Gearmotors

Servo gearmotors

- Dynamic
 - Precise
 - Compact
 - Moving heavy loads
 - Safe braking in the event of emergency off
 - High intrinsic rotor inertia
- High control quality
 - No magnetic power losses
 - Energy efficient
 - High short-time overload capacity
 - IP65 degree of protection



Standard gear units			Motor	
Type		Gear ratios i	Type	Torque range M_{aDyn} Nm
Helical gear units, RX series	RX..57 – RX..107	1.3 – 7.63	CM3C63S – CM3C100L	9.75 – 881
Helical gear units, R series	R..17 – R..127	3.83 – 216.54	CM3C63S – CM3C100L	28.7 – 7000
Parallel-shaft helical gear units, F series	F..27 – F..107	4.16 – 276.77	CM3C63S – CM3C100L	31.2 – 8860
Helical-bevel gear units, K series	K..37 – K..107 K..19 – K..49	3.98 – 174.19 3.19 – 60.27	CM3C63S – CM3C100L	29.85 – 9090 23.9 – 605
Helical-worm gear units, S series	S..37 – S..67	3.97 – 75.6	CM3C63S – CM3C100L	29.78 – 655
SPIROPLAN® right-angle gear units, W series	W..10 – W..30 W..37 – W..47	6.57 – 75.0 3.2 – 74.98	CM3C63S – CM3C100L	49.28 – 70 24 – 180

Servo gear units			Motor	
Type		Gear ratios i	Type	Torque range M_{aDyn} Nm
Helical-bevel servo gear units, BS.F. series	BS.F..202 – BS.F..802	3 – 40	CM3C63S – CM3C100L	22.5 – 1680

Accessories and options

SEW GearOil premium gear unit oil

- High performance lubricants
 - Reduces friction between gear wheels
 - High degree of gear unit efficiency: Increases performance and service life of gear units
- Top performance: Increases the service life of wear parts, such as seals and rolling bearings
 - Available as mineral and synthetic lubricants

Advantages

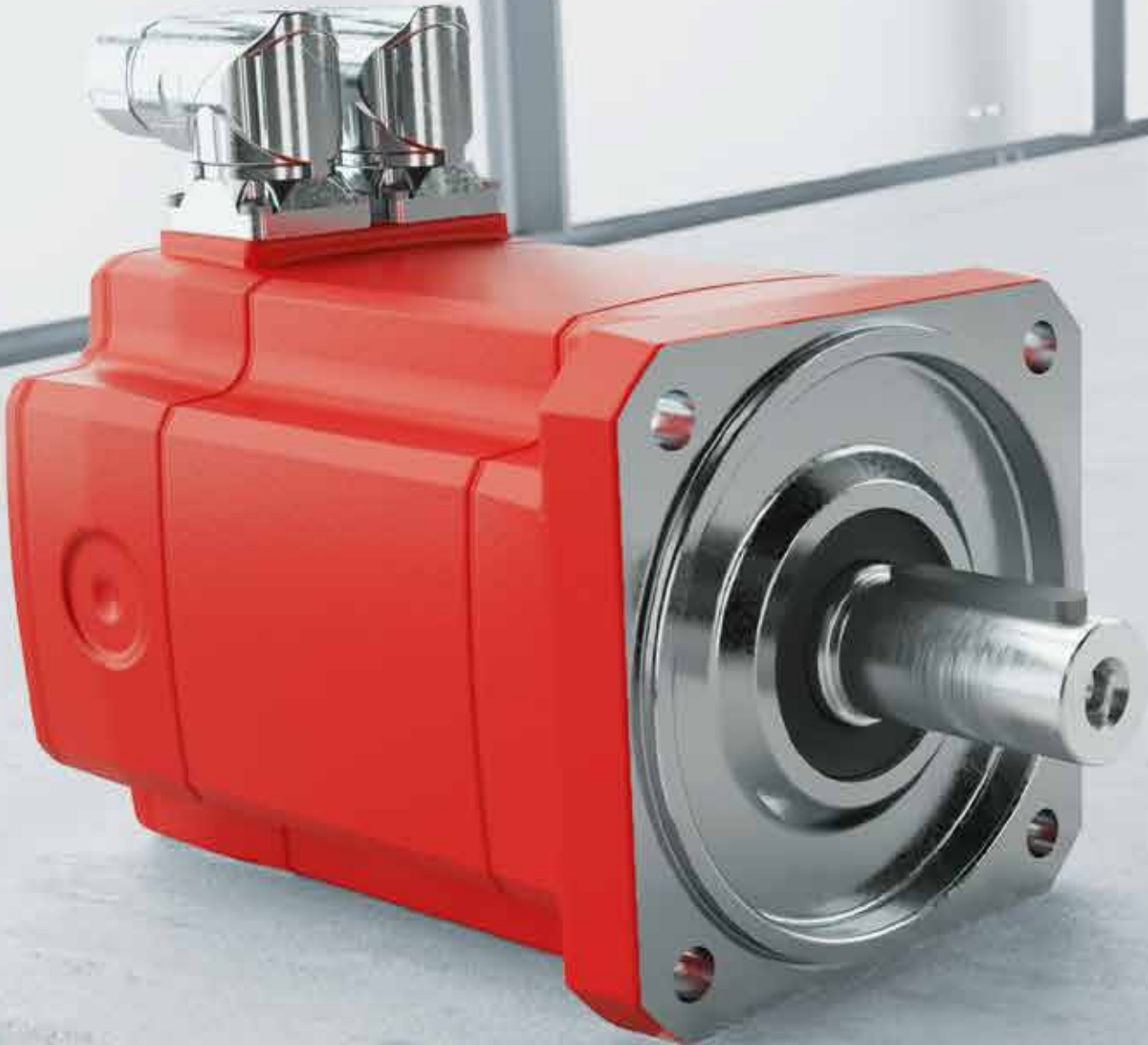
- Service life of SEW GearOil up to 50% longer than that of conventional lubricants
 - High level of resistance to aging reduces wear and increases the service life of lubricant and seals
 - Damage load stage 14 improves protection from fretting on the gearing
 - The premium lubricant's low friction coefficients increase gear unit efficiency
- High wear protection for rolling bearings reduces the risk of premature rolling bearing failures
 - Shelf life up to 6 years longer than that of conventional lubricants
 - SEW GearOil is tested against the stringent quality requirements of SEW-EURODRIVE testing specification no. 07 004 03 13

Lubricant type		SEW GearOil	Can be used for
CLP 150	Mineral	SEW GearOil Base 150 E1	Helical, parallel-shaft helical, K..7 helical-bevel and helical-worm gear units as well as industrial gear units
CLP 220	Mineral	SEW GearOil Base 220 E1	Helical, parallel-shaft helical, K..7 helical-bevel gear units and PS.C planetary servo gear units as well as industrial gear units
CLP 320	Mineral	SEW GearOil Base 320 E1	Industrial gear units
CLP 460	Mineral	SEW GearOil Base 460 E1	Industrial gear units
CLP 680	Mineral	SEW GearOil Base 680 E1	Industrial gear units
CLP 680	Mineral	SEW GearOil Base 680 S E1	Helical-worm gear units
CLP PG 150	Synthetic	SEW GearOil Poly 150 E1	K..9 helical-bevel gear units
CLP PG 220	Synthetic	SEW GearOil Poly 220 E1	Helical, parallel-shaft helical, K..7 and K..9 helical-bevel and helical-worm gear units, PS.F planetary servo gear units, BS.F right-angle servo gear units
CLP PG 460	Synthetic	SEW GearOil Poly 460 E1	K..9 helical-bevel gear units
CLP PG 460	Synthetic	SEW GearOil Poly 460 W E1	SPIROPLAN® right-angle gear units
CLP PG NSF H1 150	Synthetic	SEW GearOil Poly 150 H1 E1	K..9 helical-bevel gear units
CLP PG NSF H1 220	Synthetic	SEW GearOil Poly 220 H1 E1	K..9 helical-bevel gear units
CLP PG NSF H1 460	Synthetic	SEW GearOil Poly 460 H1 E1	SPIROPLAN® right-angle gear units, K..9 helical-bevel gear units, PS.F planetary servo gear units, BS.F right-angle servo gear units



Synchronous servomotors
CM3C.. series (medium inertia)

available 04/2020



Advantages

- For use even in confined installation spaces due to their extremely compact design
- Condition Monitoring and comprehensive fault diagnostics options with the digital motor interface MOVILINK® DDI
- Saving on time and costs for the installation due to single-cable technology
- Fast, reliable startup with auto-tuning using the electronic nameplate
- Safe braking, even of heavy loads, in the event of emergency off due to spring-loaded brake with increased working capacity
- Can also be used in the food industry due to hygienic design
- Great flexibility and optimal drive selection due to the unique modular automation system from SEW-EURODRIVE

CEULCSERH		– Europe: CE label – USA: UR label – Canada: CSA label – EAC: Eurasian conformity	
Ex (in preparation) CE IEC Ex PTB 001		Compliant with EC Directive 2014/34/EU (ATEX) and IECEx – Can be used in categories 3GD and 3D for zones 2/22	
safetyDRIVE functional safety		Optional: Integrated functional safety for the CM3C.. motor (in preparation)	
FS	Safety encoder	up to PL d according to EN ISO 13849-1	AK0H, AK1H
	Safety brake	Category 1 (cat. 1) according to EN ISO 13849-1 suited for integration into a safe brake system (SBS) up to performance level e (PL e)	BZ

Type	Rated speed min ⁻¹	Standstill torque M ₀ Nm	Dynamic limit torque M _{pk} Nm	Mass moment of inertia of the motor J _{mot} 10 ⁻⁴ kgm ²
CM3C63S	2000 / 3000 / 4500 / 6000	2.7	8.1	1.3
CM3C63M	2000 / 3000 / 4500 / 6000	4.9	14.7	2.5
CM3C63L	2000 / 3000 / 4500 / 6000	6.4	19.2	3.6
CM3C71S	2000 / 3000 / 4500 / 6000	6.5	19.5	7.4
CM3C71M	2000 / 3000 / 4500 / 6000	9.5	28.5	10.7
CM3C71L	2000 / 3000 / 4500 / 6000	14	42	17.1
CM3C80S	2000 / 3000 / 4500 / 6000	10.5	31.5	17.6
CM3C80M	2000 / 3000 / 4500 / 6000	15.6	46.8	25.2
CM3C80L	2000 / 3000 / 4500 / 6000	22.8	68.4	40.6
CM3C100S	2000 / 3000 / 4500	19	57	40
CM3C100M	2000 / 3000 / 4500	26.8	80.4	57.3
CM3C100L	2000 / 3000 / 4500	40	120	92.1

Decentralized drives / mechatronics

Compact extra-low voltage drive

Available as

Compact right-angle gearmotor
KN..DCA.. series

- Compact due to a combination of helical and planetary stage in one housing
- High overload capacity as the planet gears are made of hardened sintered steel
- Powerful as the right-angle stage is designed to provide optimum conditions for the engaging gears and is connected upstream to a helical planetary stage
- Efficient as there is no self-locking

Compact planetary gearmotor
PN..DCA.. series

- High overload capacity due to gear unit selection for high peak loads
- Smooth running due to optimized gear geometry
- Flexible as there is no axis offset
- Fits even into small installation spaces

Compact motor
DCA.. series

- Power range from 180 W to 350 W with DC 48 V voltage supply
- Fully integrated control electronics with analog and digital interfaces
- Parameters can be easily set using an RS485 engineering interface
- Flexible as it can be adjusted to various applications
- All the necessary electrical connections can be made using a hybrid plug connector



	Compact right-angle gearmotor	Compact planetary gearmotor	Compact right-angle gearmotor
Type	KNZ63F DCA63..	PNZ63F DCA63..	KNZ75F DCA63S..
Reduction ratio i	54 84.8	5 15 45	6.7 20.3
Nominal motor power W	180 270 350	180 270 350	180
Nominal voltage DC V	48		
Output speed range (at n _e = 0 to 4000 min ⁻¹) min ⁻¹	0 – 74 47	0 – 800 267 89	0 – 597 197
Solid shaft with key Ø	15 x 30	15 x 40	15 x 30
Weight kg	1.85 – 2.85	2.15 – 3.75	1.75 – 2.50
Degree of protection	IP50		
Ambient temperature	0 – 40 °C		
Mounting position	Universal mounting position (M1, M2, M3, M4, M5, M6)		
Holding brake	Optional: Type B3 / 1 Nm		

Industrial gear units

Generation X.e

- Is based on the successful X series
- Combination of new features and enhanced computation

New features

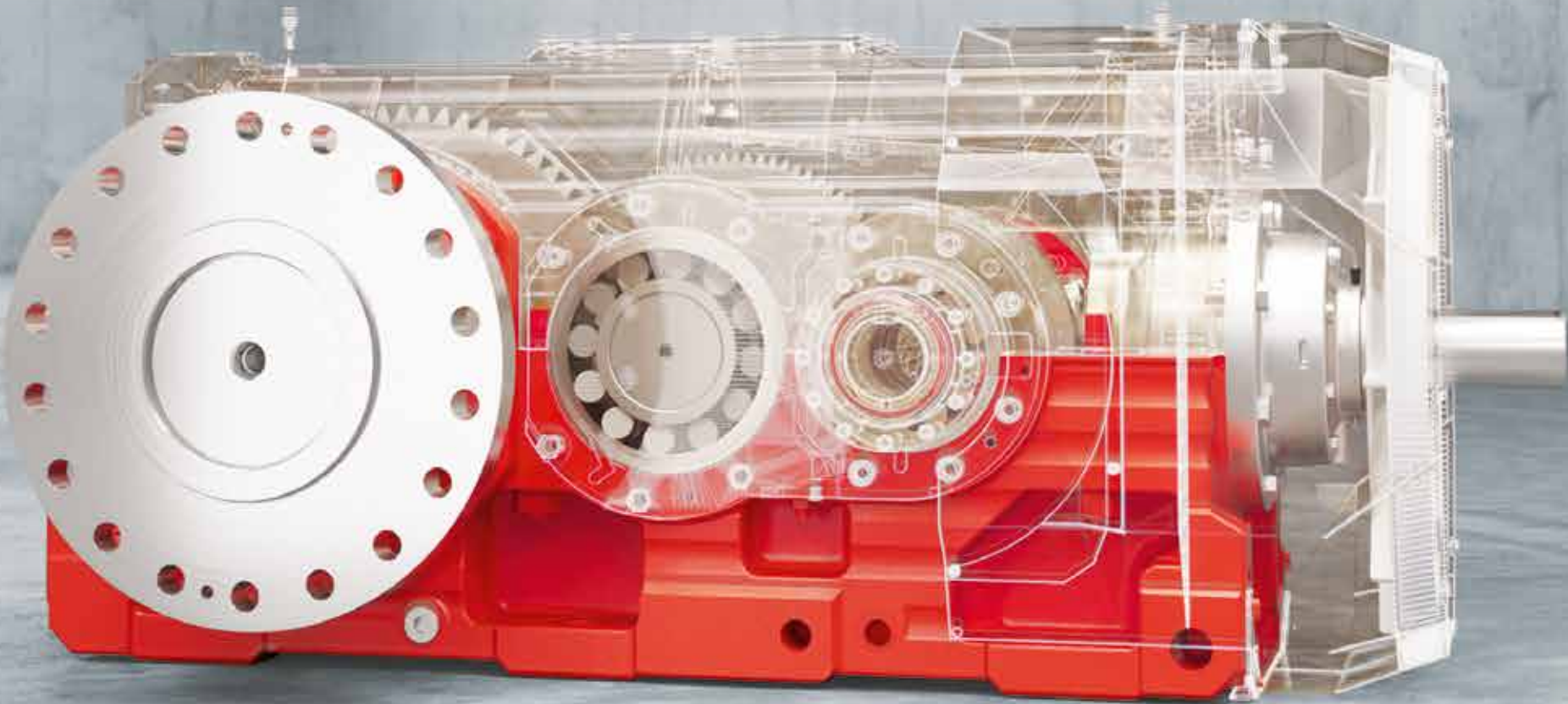
- Improved bevel pinion housing
- Optimized bearing preload
- Thermally improved oil levels
- Contactless sealing systems
- New fan and fan guard concept
- Optimized gearing topology

Advantages

- Precise dimensioning and calculation of the operating behavior based on customer requirements
- Application-dependent use of the new options result in a perfectly matched drive that reduces your investment costs
- Significant reduction of power losses results in lower total costs of ownership

Gear unit design	Stages	Gear ratio i	Nominal torque M _{N2} kNm
Helical gear unit X.F.180e – X.F.250e	2 to 4 stages	6.3 – 400	58 – 175
Bevel-helical gear unit X.K.180e – X.K.250e	2 to 4 stages	6.3 – 400	58 – 175

X.e



Maintenance redefined

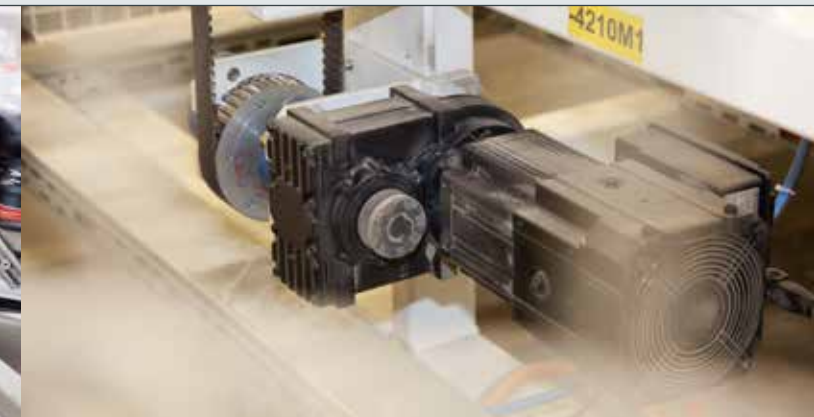
DriveRadar®

Under the umbrella of DriveRadar®, SEW-EURODRIVE offers intelligent, scalable monitoring services for the smart factory. Our goal is to significantly increase the availability of your products and systems during the entire life cycle.

Your added value: Our condition monitoring and predictive maintenance portfolio supports you at all levels relating to drive components, systems, and your plant.

The service portfolio comprises 5 stages from the device to the edge, and from cloud services with the corresponding provision of results (API, front end, etc.) to the accompanying services.

- Online recording of operating parameters
- Transparency about the status and operating behavior
- Possibilities for process optimization
- Preventing malfunctions and unplanned outages/idling times thanks to early warnings of critical system states or abnormal operations
- Maximum use of the operating life of components and systems
- Improved ability to plan maintenance and repairs
- Ensuring/increasing the availability of components, machinery and systems



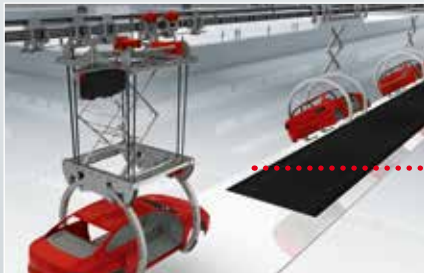
DriveRadar® aims to determine the status of products, machinery and systems by using data that is recorded during the operation of drive systems. The data is evaluated using cutting-edge predictive analytics procedures, converted with expert knowledge to instructions for action and interpreted and made available in a database corresponding to the level. This means, DriveRadar® can prevent unforeseen failures

and interferences in operation, detect wear, and minimize downtimes. The services in SEW-EURODRIVE's DriveRadar® portfolio give operators the tools they need to draw conclusions about states, wear and tear, and capacity utilization based on real data, so they can derive recommended courses of action.



For stationary and mobile applications
(for example in automotive plants)

DriveRadar®



Mobile materials handling technology
MAXOLUTION® system solution
Electrified monorail system, EMS



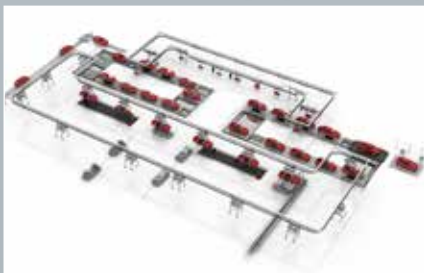
Mobile materials handling technology
MAXOLUTION® system solution
Skillet



Mobile materials handling technology
MAXOLUTION® system solution
Automated guided vehicle system



Stationary materials handling technology
Rotary table, roller conveyor, etc.



Universal
Industrial communication:
EtherNet and WLAN

From data to findings and action – staying profitable

Combining measured values with drive and application expertise creates genuine added value for you.

Capturing and visualizing data = condition monitoring	Interpreting data and issuing maintenance recommendations = predictive maintenance
	• Error clusters • Indication of conspicuous vehicles, track sections, or time periods
	• Interpreted deviations in measured values for maximum customer benefit
	• Process optimization based on increased transparency with evaluation from experts
	• Automatically captured inverter values elevate asset management to the next level
	• Non-proprietary network monitoring

DriveRadar®
Status Report

Customer: Example Ltd.
Project/order number: xxxxxxxx
MAXOLUTION® project: xxxxxxxxxxxxxxxxxxxxxxxx

Author: John Doe
Date: xx.xx.xxxx
Contact for feedback, additional information, or queries:
Maxolution.Automotive@sew-eurodrive.de

SEW-EURODRIVE

Mobile systems

MAXOLUTION® factory automation

Working with the maximum in flexibility and scalability enables you to rely on SEW-EURODRIVE's self-propelled mobile systems in combination with outstanding properties in terms of safety for processes, machinery, and personnel.

In addition to mere transportation tasks, these systems improve the process quality and optimally support and relieve the human operator in logistics and production processes. Assembly assistants function, for example, as intelligent and ergonomic workbenches, and handling assistants assist by utilizing a collaborating robot.

At the same time, they "perfectly understand" the other mobile vehicles. They move autonomously, communicate with one another, and share data. Swarm intelligence is what the innovative decentralized control technology is called, with which the multiple mobile assistance systems can operate as an intelligent complete system.

We're with you all the way to the smart factory



Our portfolio

- Transportation vehicles
- Assistance systems
- Infrastructure for mobile systems
- Automation packages
- Project planning and control software
- Planning and consulting
- Energy-optimized configuration

Advantages

- Reduce complexity and costs
- Implement new concepts easily
- Benefit from flexible networking
- Take advantage of our global service

New from Online Support

Your access to the digital services of SEW-EURODRIVE

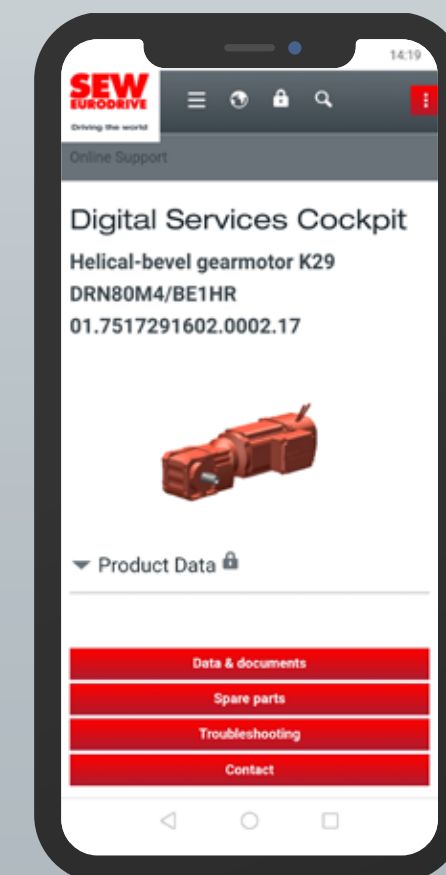
Announcement

The new product label:

Simply scan the QR code on the product and use the digital services

Your added value:

- Direct access to the digital services via the product – directly from your mobile device
- Your quickest way to access product-specific data and documents
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- Selection of spare parts and replacement products
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Tel. +49 7251 75-3232
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SEW-EURODRIVE is right there for you

Argentina

Tel. +54 3327 4572-84
Fax +54 3327 4572-21
sewar@sew-eurodrive.com.ar

Australia

Tel. +61 3 9933-1000
Fax +61 3 9933-1003
enquires@sew-eurodrive.com.au

Austria

Tel. +43 1 617 55 00-0
Fax +43 1 617 55 00-30
sew@sew-eurodrive.at

Belarus

Tel. +375 17 298 47 56
Fax +375 17 298 47 54
sales@sew.by

Belgium

Tel. +32 16 386-311
Fax +32 16 386-336
info@sew-eurodrive.be

Brazil

Tel. +55 19 3835-8000
sew@sew.com.br

Burkina Faso

Tel. +226 25 33 41 78
info@sew-eurodrive.bf

Cameroon

Tel. +237 233 39 12 35
Fax +237 233 39 02 10
sew@sew-eurodrive.cm

Canada

Tel. +1 905 791-1553
Fax +1 905 791-2999
marketing@sew-eurodrive.ca

Chile

Tel. +56 2 2757 7000
Fax +56 2 2757 7001
ventas@sew-eurodrive.cl

China

Tel. +86 22 25322612
Fax +86 22 25323273
info@sew-eurodrive.cn

Colombia

Tel. +57 1 54750-50
Fax +57 1 54750-44
sew@sew-eurodrive.com.co

Czech Republic

Tel. +420 255 709 601
Fax +420 235 350 613
sew@sew-eurodrive.cz

Denmark

Tel. +45 4395 8500
Fax +45 4395 8509
sew@sew-eurodrive.dk

Finland

Tel. +358 201 589-300
Fax +358 3 780-6211
sew@sew.fi

France

Tel. +33 3 88 73 67 00
Fax +33 3 88 73 66 00
sew@usocome.com

Ghana

Tel. +233 303 963 772
info@sew-eurodrive.com.gh

Great Britain

Tel. +44 1924 893-855
Fax +44 1924 893-702
info@sew-eurodrive.co.uk

Hungary

Tel. +36 1 437 06-58
Fax +36 1 437 06-50
office@sew-eurodrive.hu

India

Tel. +91 265 3045200
Fax +91 265 3045300
marketing@seweurodriveindia.com

Italy

Tel. +39 02 96 9801
sewit@sew-eurodrive.it

Ivory Coast

Tel. +225 21 21 81 05
Fax +225 21 25 30 47
info@sew-eurodrive.ci

Japan

Tel. +81 538 373811
Fax +81 538 373814
sewjapan@sew-eurodrive.co.jp

Kazakhstan

Tel. +7 727 350 5156
Fax +7 727 350 5156
sew@sew-eurodrive.kz

Malaysia

Tel. +60 7 8590288
Fax +60 7 8590629
sales@sew-eurodrive.com.my

Mexico

Tel. +52 442 1030-300
Fax +52 442 1030-301
scmexico@seweurodrive.com.mx

Morocco

Tel. +212 522 88 85 00
Fax +212 522 88 84 50
sew@sew-eurodrive.ma

Netherlands

Tel. +31 10 4463-700
Fax +31 10 4155-552
info@sew-eurodrive.nl

New Zealand

Tel. +64 9 2745627
Fax +64 9 2740165
sales@sew-eurodrive.co.nz

Norway

Tel. +47 69 24 10 20
Fax +47 69 24 10 40
sew@sew-eurodrive.no

Paraguay

Tel. +595 991 519695
Fax +595 21 3285539
sewpy@sew-eurodrive.com.py

Peru

Tel. +51 1 2086700
Fax +51 1 3493002
ventas@sew-eurodrive.com.pe

Poland

Tel. +48 42 293 00 00
Fax +48 42 293 00 49
sew@sew-eurodrive.pl

Portugal

Tel. +351 231 20 9670
Fax +351 231 20 3685
info@sew@sew-eurodrive.pt

Russia

Tel. +7 812 3332522
Fax +7 812 3332523
sew@sew-eurodrive.ru

Singapore

Tel. +65 68621701
Fax +65 68612827
sewsingapore@sew-eurodrive.com

Slovakia

Tel. +421 2 48 212 800
sew@sew-eurodrive.sk

South Africa

Tel. +27 11 248 7000
Fax +27 11 248 7289
info@sew.co.za

South Korea

Tel. +82 31 492-8051
Fax +82 31 492-8056
master.korea@sew-eurodrive.com

Spain

Tel. +34 94 4318470
sew.spain@sew-eurodrive.es

Sweden

Tel. +46 36 34 42 00
Fax +46 36 34 42 80
sew@sew-eurodrive.se

Switzerland

Tel. +41 61 41717-17
Fax +41 61 41717-00
info@imhof-sew.ch

Tanzania

Tel. +255 22 277 5780
Fax +255 22 277 5788
info@sew.co.tz

Thailand

Tel. +66 38 454281
Fax +66 38 454288
sewthailand@sew-eurodrive.com

Turkey

Tel. +90 262 999 1000-04
Fax +90 262 999 1009
sew@sew-eurodrive.com.tr

Ukraine

Tel. +380 56 370 3211
Fax +380 56 372 2078
sew@sew-eurodrive.ua

United Arab Emirates

Tel. +971 4 8086 500
Fax +971 4 8806 464
info@sew-eurodrive.ae

Uruguay

Tel. +598 2 2118189
Fax +598 2 2118190
sewuy@sew-eurodrive.com.uy

USA

Tel. +1 864 439-7537
Fax +1 864 439-7830
cslyman@seweurodrive.com

Venezuela

Tel. +58 241 832-9804
Fax +58 241 838-6275
ventas@sew-eurodrive.com.ve

Vietnam

Tel. +84 937 299 700
huytam.phan@sew-eurodrive.com

How we're driving the world



SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

SEW-EURODRIVE GmbH & Co KG
Ernst-Blickle-Str. 42
76646 Bruchsal/Germany
Tel. +49 7251 75-0
Fax +49 7251 75-1970
sew@sew-eurodrive.com

→ www.sew-eurodrive.com