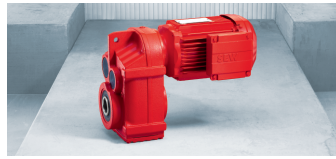


Products at a glance

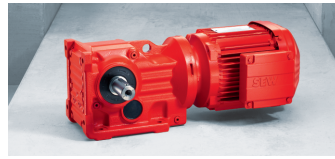
Gearmotors


R/RX series:
Helical gearmotors

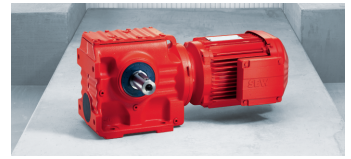
- Torque range: 50 to 20000 Nm
- Finely stepped sizes and gear ratios
- Available with reduced backlash
- Foot and flange-mounted


F series:
Parallel shaft, helical gearmotors

- Torque range: 130 to 20000 Nm
- Available with reduced backlash
- Various possible mountings and shaft connections
- Particularly suit process engineering and material handling applications


K series:
Helical bevel gearmotors

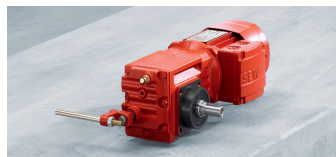
- Torque range: 80 to 53000 Nm
- Available with reduced backlash
- Various possible mountings and shaft connections
- High efficiency of over 96%


S series:
Helical worm gearmotors

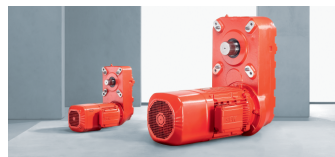
- Torque range: 92 to 4300 Nm
- Various possible mountings and shaft connections
- Extremely low noise operation
- Highly efficient compared to plain worm due to helical/worm combination


W series:
SPIROPLAN® gearmotors

- Torque range: 30 to 600 Nm
- Various possible mountings and shaft connections
- Extremely low noise operation
- Compact and light weight aluminium housing
- Single, two and three stage sizes


HW, HS, HK series:
Drives for electrified monorail system

- Torque range: 20 to 820 Nm
- Drives to C1 guidelines: low maintenance, low noise, smooth running and compact
- Can be used for wheel loads up to 40000 N
- Reduced power consumption


G7 Hoist gear unit

- Suitable for hoist load ranging from 2.5 tons to 63 tons
- Allows the use of large drum diameters Ø140 mm – Ø405 mm
- Lightweight aluminium housings reduce the weight of the bridge and the moved mass
- Compact design to save mounting space

AC Induction motors

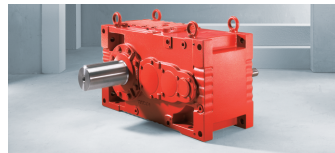

DR series:
AC Induction motors

- Range: 0.03 to 375 kW
- Save space and costs due to compact design
- Comply with all international standards


DIB series:
AC Induction motors

- Range: 0.12 to 45 kW
- High quality and reliability
- Economy model for less critical requirements

Industrial gear units

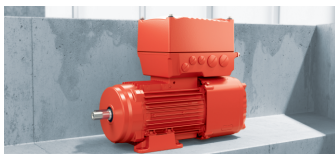

Various MC, ML..2, X.e series:
Helical and bevel helical industrial gear units

- Torque range: 6 to 1480 kNm
- High power density and finely stepped sizes
- Flexible mounting options
- Customer specific adaptation


PPK, P, P2.e and XP series:
Industrial planetary gear units

- Torque range: PPK: 2.3 to 23.9 kNm
P: 24 to 631 kNm
P2.e: 24.8 to 359 kNm
XP: Up to 5200 kNm
- Inline and right angle design
- High transmittable torque and compact design

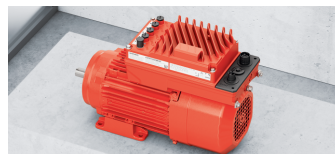
Decentralised products


MOVIMOT® Advanced/Flexible

- Power range: 0.37–7.5 kW with high overload capability.
- Decentralized drive unit combining asynchronous motor & frequency inverter or Decentralized inverter that mounts close to the motor in customer's system
- Integrates IE3 asynchronous (DRN..) or IE5 synchronous (DR2C..) motor with decentralized inverter for energy efficiency.
- Digital interface with electronic nameplate


MOVIGEAR® C

- Energy savings Up to 50%, All-in-one mechatronic unit
- Power class, MGF..2-C: 200 Nm, MGF..4-C: 400 Nm, MGF..4-C/XT: 400 Nm
- IE5 ultra-premium permanent-magnet motor.
- IP65 standard & IP66 wet-area design for harsh environment.
- Conveyor belts & roller conveyors for Food & beverage, Bagging & bottling lines


MOVIONE®

- One inverter of 1.5kw with all functions fewer variants, reduced complexity
- PROFINET IO (Industrial Ethernet)
- Drive unit (with IE3 or IE5 motor)
- Decentralized inverter (standalone, wall-mountable)
- Compact, economical solution for conveyor technology, Cold storage & food logistics.
- IP54 degree of protection available


MOVITRANS®

- MOVITRANS® the contactless energy transfer system from SEW-EURODRIVE works on the principle of inductive energy transfer
- Electrical energy is transferred without contact from a fixed conductor to one or more mobile consumers
- Variants available for mobile material handling applications on the floor (Trolley) and overhead (EMS) applications
- Power sizes 4 and 16 kW

Frequency inverters



MOVITRAC® Classic

- Power range: 0.25 – 11 kW | Voltage: 1x200–240 V or 3x200–500 V
- Frequency inverter for encoder less drives – dedicated solution for asynchronous & synchronous motors (With ELSM mode)
- Controls and monitors torque & speed without encoder
- Compact, cost-effective inverter for control cabinet installation
- Ideal for materials handling (conveyors, hoists) and motion applications



MOVITRAC® Advance

- A compact inverter for controlling synchronous and asynchronous motors, with/without encoder feedback
- Encoder options: MOVILINK® DDI digital, single cable hybrid connection and HTL, enabling speed and positioning functions.
- Power and voltage range: 0.25 to 315 kW
- Applications: Conveyor belts, hoists, palletizers, agitators, and vertical drives, with accurate torque, speed & position control



MOVIDRIVE® System/technology

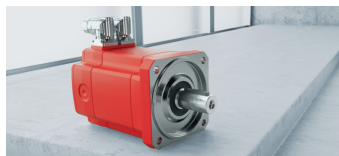
- Power Range Single-axis: 0.55 – 315 Kw
- Supports PROFINET, EtherNet/IP, EtherCAT® fieldbus protocols, EtherCAT® CiA402 and , Powerlink® CiA402 profile for motion control.
- STO (Safe Torque Off) in Ple integrated in basic unit
- Controls all motor types: asynchronous/synchronous AC motors, linear motors, LSPM motors
- Material handling & lifting



MOVIDRIVE® Modular

- Compact modular design reduces cabinet footprint, DC link coupling recycles braking energy.
- Power supply modules – up to 110 kW, Axis modules – single-axis up to 180 A
- Fieldbus options: PROFINET, EtherNet/IP, Modbus TCP, EtherCAT, EtherCAT® CiA402.
- Multi-encoder interface support
- Multi-axis machines – packaging, printing, converting, logistics, material handling

Servo products



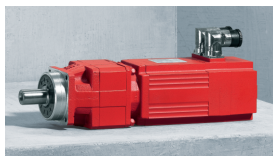
CM3C and CM3P servo motors

- CM3.. is a modular synchronous servomotor system with two variants: CM3C (medium inertia for high loads) and CM3P (high dynamic for fast cycles).
- CM3C Continuous standstill torque approx. 2.7–40 Nm, CM3P Continuous standstill torque approx. 7.9–47 Nm , speed classes 2000–6000 rpm depending on size.
- Application: Gantry, Pick & Place, Rotary Table, Lifting



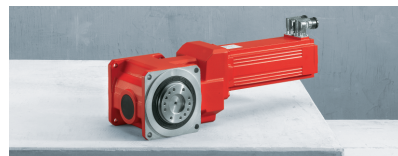
PxG Planetary servo gear units

- Best solution: Wide-ranging modular system for optimum adaptation to your application, Geometrical compatibility with the market standard
- Solid shaft, Splined shaft and Flange block variants
- Acceleration torque up to 6150 Nm
- Available in 1-/2-/3-stage ratios & various sizes with ratios $i = 3 - 1000$



PSF, PSC and BSF series of servo planetary gearboxes

- High accuracy and high dynamic applications
- Low backlash servo gear units with optional reduced and minimized variants
- Finely graduated, integer gear ratios
- Lifelong lubrication and high permitted overhung loads
- High torsional rigidity and available in single/double stage design
- PSF: Planetary servo gears for torques between 25 to 3000 Nm. In-line solid shaft with B5 output flange or flange block
- PSC: Compact, cost-effective planetary servo gears for torques between 30 to 347 Nm. In-line solid shaft with B5/B14 flange
- BSF: Helical-bevel servo gears for torques between 40 to 1220 Nm. Right angled Solid/Hollow shaft with standard B5 mounting flange



Scan to know a service location near you



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