

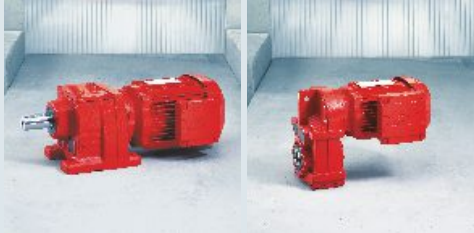
Products at a glance

Gearmotors

R series:

Helical gearmotors

- Torque range: 31 to 20000 Nm
- Finely stepped sizes and gear ratios
- Available with reduced backlash
- Foot or flange-mounted



F series:

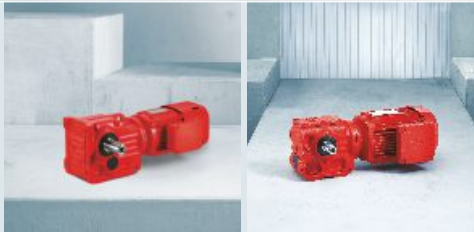
Parallel shaft, helical gearmotors

- Torque range: 87 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: 43 to 4000 Nm
- Various possible mountings and shaft connections
- Extremely low noise application
- Highly efficient compared to plain worm due to helical / worm combination

W series:

SPIROPLAN® One and two stages gearmotors

- Torque range: 12 to 180 Nm
- Various possible mountings and shaft connections
- Extremely low noise operation
- Compact and light weight aluminium housing



HW, HS, HK series:

Drives for electrified monorail system

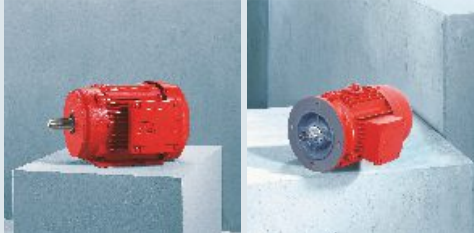
- Torque range: 20 to 820 Nm
- Drives to C1 guidelines: low maintenance, low noise, smooth running and compact
- Can be used for wheel loads up to 40000 N
- Reduced power consumption

AC Induction motors

DR series:

AC Induction motors

- Range: 0.12 to 200 kW
- Save space and costs due to compact design
- Comply with all international standards



DIB series:

AC Induction motors

- Range: 0.37 to 45 kW
- High quality and reliability
- Economy model for less critical requirements

Industrial gear units

Various MC, M, ML, X 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



P and XP Series:

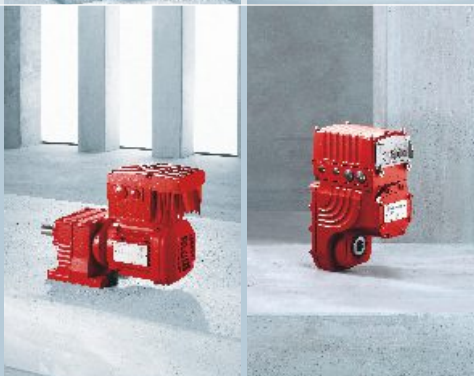
Industrial planetary gear units

- Torque range:
 - P: 24 to 631 kNm
 - XP: Up to 5200 kNm
- Helical and bevel helical design
- High transmittable torque and compact design

Decentralised products

MOVIMOT® Gearmotor with integrated frequency inverter

- Power range: 0.37 to 4 kW (varies in star or delta connections)
- Speed range: 280 to 2900 rpm (varies in star or delta connections)
- Control via binary inputs / outputs possible and integrated brake control
- Supports PROFIBUS, INTERBUS, DeviceNet, CAN Open, AS-I communications
- IP54, Optional IP55, IP65 or IP 66 degree of protection

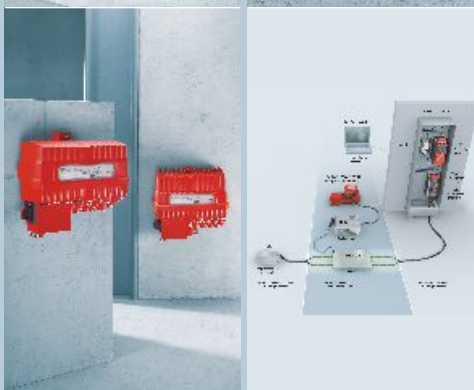


MOVIGEAR® Mechatronic drive system

- Integrated mechatronic drive for horizontal conveying applications
- Compact design with motor, gear and electronics in one mechatronic drive system
- Energy saving potential up to 50% as compared with the conventional drives
- High degree of protection up to IP69K and hygienic surface design

MOVIFIT® Decentralised motion controller variants

- Decentralised installation technology with application-oriented drive and communication functions
- Modular design, available in three variants: MOVIFIT® FC, MOVIFIT® SC and MOVIFIT® MC
- MOVIFIT® again classified into two function levels: Classic and Technology
- Communication through PROFIBUS, PROFINET, PROFI-safe, DeviceNet, EtherNet / IP and Modbus / TCP



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 (Can be cascaded in combinations)

Standard products

MOVITRAC® B

- Designed for standard applications
- Open loop control V / F and VFC (Voltage Flux Control)
- Power rating: 0.25 to 75 kW (380-500 V)
- Standard or technology (IPOS) version for application specific requirements



MOVITRAC® LTP

- Economical choice for standard tasks
- Open loop speed control vector and torque control vector
- Power range: 0.75 to 160 kW (460 V / 3-Phase)
- Enclosure: IP20 and IP55 housing

MOVIDRIVE® B

- Economic choice for sophisticated applications
- Open loop (VFC) and closed loop (CFC) vector control
- Power rating: 0.55 to 250 kW (380-500 V)
- Standard version with IPOS or technology version for application specific modules
- Wide options for Bus interfaces and Encoder connection possible



MOVIAXIS®

- Multi-axis motion controller range from simple to graphically selectable functions
- 32 bit control system for high speed, high accuracy and dynamic multi-axis applications
- Consists of 3 modules: master module, axis module, power supply module
- Power supply module range: 10 to 75 kW
- Max. 10 axes can be controlled with one power module

Servo products

CMP Series smart servo motors

- Compact design high dynamic servo motors allow for operation in a confined space
- Both low inertia rotor (CMP) for high dynamic applications and powerful rotor (CMPZ) suitable for high inertia applications available in one series
- Motor torque available up to 95 Nm
- Speed class available: 2000 / 3000 / 4500 / 6000 rpm



BSF Series of servo planetary gearboxes

- Low backlash helical bevel servo gear units for high accuracy and high dynamic applications
- Designed for torque classes 40 to 1500 Nm
- All variants are with B5 mounting flange, foot mounting and torque arm are optional
- Circumferential backlash up to 6' for standard and 3' for reduced

CMDV Compact servo motor series

- Innovative design with state-of-the-art winding and magnet technology suited for direct drive at extremely limited space
- Standstill torques: 0.3 to 32 Nm
- Speed range: 400 / 800 / 1200 / 2000 / 3000 / 4500 rpm
- Operates up to six times the overload capacity



PSF Series of servo planetary gearboxes

- Low backlash planetary servo gear units for high accuracy and high dynamic applications
- Available in single stage and two stage design
- High permitted torques and overhung loads
- 8 sizes with torques between 25 and 3000 Nm, Peak torques up to 4200 Nm
- Finely graduated, integer gear ratios 3 to 100
- High torsional rigidity and consistently low rotational clearances (backlash up to 1')
- Very high efficiency

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