SEW EURODRIVE

Portfolio 2025

→ Update

Electronics/software

Controllers



MOVI-C® CONTROLLER
Control cabinet controllers for cyber-physical control, automation control, or motion control



MOVI-C® FIELD CONTROLLER
Decentralized controllers for motion control

Software



MOVISUITE®
engineering software
Drive train startup and diagnostics



MOVIKIT®
software modules
Startup of everything from drive to motion control functions



DriveRadar® IoT Suite
(condition monitoring, predictive maintenance) and IoT Suite (industrial gear units)

Control cabinet technology



MOVITRAC® basic
simple inverter
0.55 – 1.5 kW



MOVITRAC® classic
0.25 – 11 kW



MOVITRAC® advanced
standard inverter
0.25 – 315 kW



MOVIDRIVE® modular, application inverter
- Multi-axis system, 2 – 180 A
- Power and Energy Solutions



MOVIDRIVE®
technology/system application inverter
0.55 – 315 kW

Decentralized technology

Decentralized drives / mechatronics



MOVIGEAR®
performance, synchronous motor with parallel-shaft helical gear unit, up to 2.2 kW



MOVIONE®
drive unit/
decentralized inverter
0.25 – 1.5 kW



MOVIMOT® advanced,
DRN.. asynchronous motor
0.37 – 7.5 kW – IE3
DR2C.. synchronous motor
0.7 – 2.4 kW – IE5



MOVIMOT®
performance,
CM3C.. synchronous motor
0.75 – 4.2 kW



MOVIMOT®
performance ELV
compact drive
DC 48 V,
180 – 356 W



MOVIMOT® flexible
for synchronous and asynchronous motors
0.25 – 7.5 kW



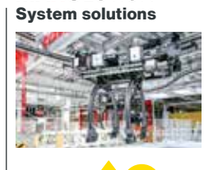
MOVIPRO® technology
for synchronous and asynchronous motors
4 – 30 kW

Contactless energy transfer



MOVITRANS®, floor/rail installation,
DC supply 30 – 500 V,
capacitive energy storage units

MAXOLUTION® System solutions



Rail-guided systems
with ASi-5



Travel drives for mobile systems, FL.9 series



Logistics assistant for pallet transport

Motors

AC motors



DRN.. series
asynchronous motors
0.12 – 375 kW
IE3



DRU.. series
asynchronous motors
0.75 – 375 kW
IE4



DR2S.. series
asynchronous motors
0.03 – 90 kW
IE1



DR2S.. series
asynchronous motors
0.03 – 95 kW (S3 or S9)
0.004/0.20 –
12/24 kW (S1 or S3)



DR2M.. series
torque motors
0.5 – 8 Nm

Synchronous motors



DR..J series
synchronous motors
0.12 – 4 kW
IE2 (DRE..J)
IE4 (DRU..J)



DR2C.. series – IE5
synchronous motors
DR2C_A: 0.25 – 17 kW
DR2C_U: 11 – 90 kW

Servomotors



DR2L.. series
asynchronous servomotors
0.25 – 220 Nm



CMP.. series
synchronous servomotors
0.5 – 95 Nm



CM3C.. series
synchronous servomotors
Medium Inertia: CM3C..
High Dynamic: CM3P..



CMS.. LM3S.. series
electric cylinders
up to 26 kN

Gearmotors

Gear units / gearmotors



R/RX series
helical gear units
M_{amax}: 50 – 20 000 Nm



F series parallel-shaft helical gear units
M_{amax}: 130 – 20 000 Nm



K series bevel-helical gear units
M_{amax}: 80 – 53 000 Nm



S series helical-worm gear units
M_{amax}: 92 – 4300 Nm



W series SPIROPLAN®-right-angle gear units
M_{amax}: 30 – 600 Nm

Adapters



AMS.. series – adapter,
IEC: 63 – 280
NEMA: 56 – 364/365
Stainless steel, IEC: 63 – 112, NEMA: 56 – 184



AQSA../AQSH..
series – servo adapter
Sizes: 50 – 190
Stainless steel: 80 – 140

Application gear units



RM agitator series – helical gear units
M_{amax}: 450 – 20 000 Nm

FM agitator series – parallel-shaft helical gear units
M_{amax}: 820 – 20 000 Nm

KM agitator series – bevel-helical gear units
M_{amax}: 820 – 20 000 Nm

HS/HW/HK electrified monorail series – bevel-helical gear units
M_{amax}: 20 – 820 Nm

Gear units

Stainless steel gear units

RES stainless steel series
helical gear units
M_{amax}: 130 – 200 Nm

KES stainless steel series
bevel-helical gear units
M_{amax}: 230 – 820 Nm

WES stainless steel series
SPIROPLAN® right-angle gear units
M_{amax}: 80 – 200 Nm

PSH stainless steel series
servo gearmotor
M_{amax}: 1.0 – 103.6 Nm

Servo gear units

PxG® series
planetary gear units
M_{a_N}: 27 – 6150 Nm
Rotational clearance: 1 – 4

PS.F series
planetary gear units
M_{amax}: 25 – 3000 Nm
Rotational clearance: 1 – 10

PS.C series
planetary gear units
M_{amax}: 30 – 320 Nm
Rotational clearance: 10 – 15

BS.F series
helical-bevel gear units
M_{amax}: 40 – 1220 Nm
Rotational clearance: 3 – 6

Precision planetary gearmotors

PxG® integrated series
Dyn. output torque:
70 – 990 Nm

Cycloidal servo gearmotor

ZN.. series
M_{aN}: 41 – 20 460 Nm
Rotational clearance: < 1

Industrial gear units

Helical and bevel-helical gear units

X.e series –
helical and bevel-helical gear units
M_{N2}: 7.2 – 500 kNm

ML..2 series –
helical and bevel-helical gear units
M_{N2}: 470 – 1480 kNm

ML1 series –
single-stage helical gear units
M_{N2}: 277 – 1603 kNm

M1..N series
single-stage helical gear units
M_{N2}: 0.5 – 248 kNm

Application-specific gear units for hoists, bucket elevators, agitators, and conveyor belts

Planetary gear units

P series – planetary gear units
M_{N2}: 24.8 – 631 kNm

P2.e series – planetary gear units
M_{N2}: 24.8 – 124 kNm

P-X.e series – planetary gear units
M_{N2}: 100 – 500 kNm

XP series – planetary gear units
M_{N2}: 600 – 5200 kNm

PPK series – planetary gear units
M_{N2}: 10.7 – 17.6 kNm

Girth gears

Girth gear with pitch diameters up to 16 m

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