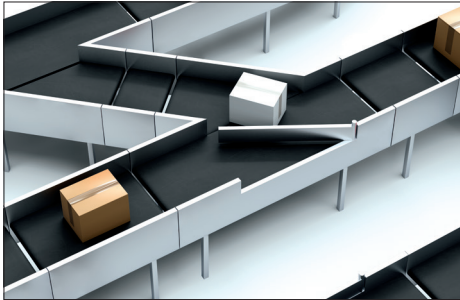


MOVIMOT® Performance ELV Compact Extra-Low Voltage Drive

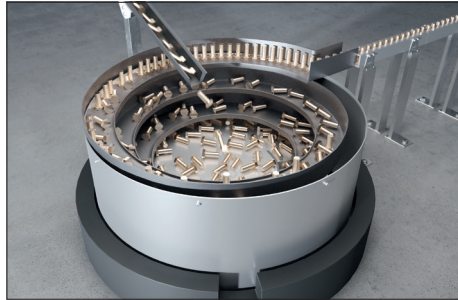


POSSIBLE USES / TYPICAL APPLICATIONS



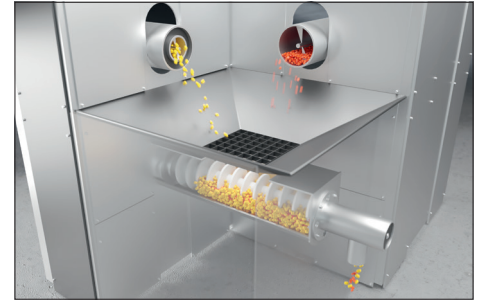
Transporting lightweight packaged goods

- Stationary conveyor systems
- Shuttles running on rails
- Mobile logistics vehicles



Handling small parts

- Aligning and positioning
- Separating and grouping
- Distributing and sorting



Automating processes

- Adjusting (hatches, doors, cabinets)
- Metering (fillers, mixers)
- Setting (formats, level control)

THE ADVANTAGES AT A GLANCE



High-performance!

- Industrial Ethernet interface
- Data exchange using standard profiles
- Full functional connectivity



Efficient!

- High efficiency
- Energy exchange in the DC network
- Control with minimal system vibrations, wear, etc.



Compact!

- Sustainable design
- Small installed size
- Low weight



Simple!

- Minimal installation work
- Fast startup (MOVILINK®)
- Complete engineering solution (MOVISUITE®)

OVERVIEW OF THE TECHNOLOGY

Rated data

- Power rating 180 – 356 W at 4000 min⁻¹
- DC 48 V voltage supply (DC 22 V – 59 V)

Functions

- Signal/power electronics, brake control, DDI position encoder, digital I/O interface, Ethernet fieldbus, CFC closed loop system
- Operating modes: torque, speed, positioning

Options

- Holding brake, absolute encoder, Safe Torque Off HW (STO, PL d), MOVIKIT® software modules

Other features

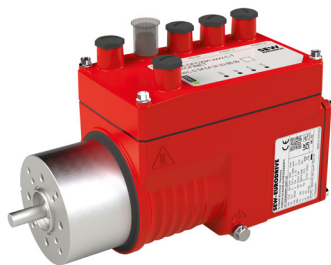
- High short-term overload capacity for optimized dimensioning of gearmotors with very compact mounting positions
- MOVISUITE® engineering software for comprehensive planning, startup, and analysis
- Wide range of automation applications:
 - Available in various supply topologies – traditionally with stationary DC 48 V current supplies, or also with battery and energy modules
 - In networks with central or distributed controllers via Ethernet or wireless communication



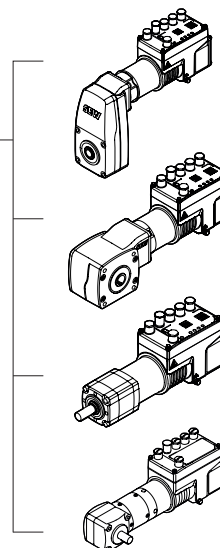
SBus^{PLUS}



EtherNet/IP



DCA63S	DCA63M	DCA63L
180 W	272 W	356 W
0.43 Nm	0.65 Nm	0.85 Nm
4000 min ⁻¹	4000 min ⁻¹	4000 min ⁻¹
2.05 kg	2.35 kg	2.65 kg



F.02/F.03 parallel-shaft helical gear unit

- 2 sizes, 3-stage, solid shaft or hollow shaft
- 5 reduction ratios, $i = 6 - 48$

SPIROPLAN® W.02/W.03 right-angle gear unit

- 2 sizes, 1-stage, solid shaft or hollow shaft
- 5 reduction ratios, $i = 6 - 48$

PNZ63A planetary gear unit

- 1- or 2-stage
- 3 reduction ratios, $i = 5 / 15 / 45$

KNZ63A right-angle gear unit

- 2- or 3-stage
- 3 reduction ratios, $i = 17 / 54 / 84.8$