

**NORDKAP**

COLD-RESISTANT LINEAR TECHNOLOGY IN THE DEEP-FREEZE AREA

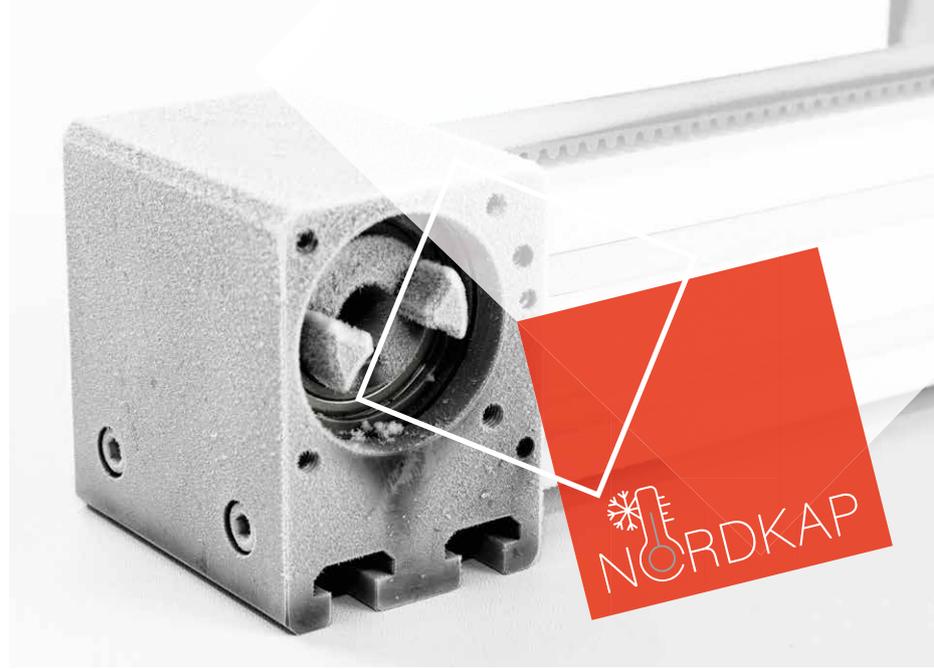
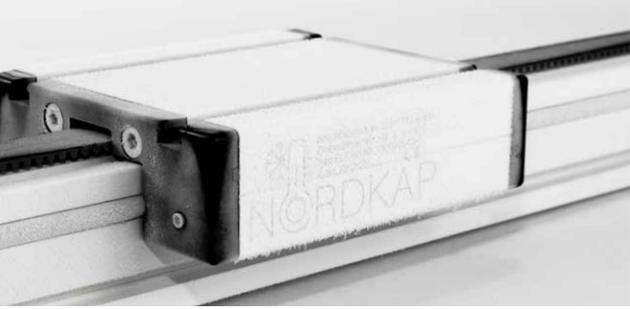
High reliability and minimum machine downtimes are always essential, in particular for applications with extreme conditions. For example, production and logistics processes with temperatures of up to -45 °C require dynamic and precise linear units that meet all your specific challenges.

In the areas of food production and logistics, a large part of frozen products are stored at temperatures between -40 °C and -20 °C . Regardless of the products being processed, the prescribed minimum temperature in this industrial sector is -18 °C . This value is specified by the HACCP guidelines, which represent an important criterion that must be met. When developing and designing a suitable special-purpose machine, engineers and technicians are thus faced with special challenges.

In order to meet even the most challenging requirements of our customers, we have introduced the **NORDKAP product series**. With customizable linear axes for deep temperature applications, we ensure the required longevity and quality of your specific application.



SECURE YOUR SUCCESS



KEEP COOL - THANKS TO RELIABLE HANDLING

Production losses and long machine downtimes can quickly lead to undesirably high costs, especially for **deep-freeze applications**. Therefore, maintaining cold chains requires special efficiency and economy with regard to the automation of processing steps. The handling of tools, components and products always has to be performed in a reliable and precise manner. The service life of your application should be maximized, while the maintenance effort should be kept to a minimum. **Our new toothed belt drive ELZ-NK ensures your success.**

- Highly dynamic linear units with **belt drive** and individually configurable travel paths
- Unrestricted usability in **deep-freeze applications with temperatures between -10 °C and -30 °C** (-45 °C possible with limitations)
- **Space-saving** due to compact design
- Positioning systems in **corrosion-protected design** available as an option (recommended for alternating climates)
- Customized system design for your particular use case
- Reliable and low-maintenance guide system with robust track **roller guide**
- Long maintenance intervals with long service life

Our advantages – For you

- Unlimited individualization
- Speeds up to 8 m/s and acceleration up to 10 m/s²
- high process reliability
- Trouble-free operation for high throughput times
- Advice and support with outstanding customer service
- Short delivery times within 2–3 weeks
- Emergency service and delivery within 24 hours

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