HOMELINE®
IMPROVING COMFORT

TD4 Advanced
Data Sheet



LINAK®
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The TWINDRIVE® TD4 is a dual actuator especially developed for slatted beds. With a force of 5500 N on both back and leg ends, the TD4 is a strong dual actuator in the LINAK HOMELINE® portfolio.

The TD4 is very slim and compact in design ensuring minimum need of space underneath the bed and optimal logistics during transport. The low weight of the TD4 ensures easy handling when mounting, and pictograms on the side make the mounting very intuitive.

The TD4 Advanced features:

- the well-known LINAK® ZERO™ technology, allowing a standby power of max. 0.1 W. This means the TD4 sleeps, when the user sleeps
- integrated Under Bed Light
- integrated Bluetooth® Low Energy technology meaning that all wireless hand controls are compatible - alternatively, the Bed Control App can be downloaded to use a smartphone as handset
- mechanical emergency lowering via a hex key directly attached on the side of the TD4 – always in place when needed, e.g. in case of a power-out
- an external power supply ensuring a pleasant noise level and steady speed

The TD4 Advanced is compatible with handsets with memory positions. Combine the TD4 Advanced with the CBD6DC HOMELINE® to add extra channels to the bed design such as head and foot adjustment.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG Inc. and any use of such marks and logos by LINAK A/S is under license.

Features/Options/Usage

Features

- 24 V DC – 30 V DC unit
- Power supply via external switch mode power supply unit:
- SMPS001 (230 V - 24 V output) or universal SMPS006 (100 to 240 V - 29 V output)
- Max. load, backrest up to 5500 N
- Max. load, leg rest up to 5500 N
- Bluetooth® built into the TD4
- Angle leg rest 45˚ ±3˚
- Angle backrest 68˚ ±3˚, 62˚ ±3˚, 55˚ ±3˚
- Installation dimension: 723 mm x 105 mm height x 76 mm width
- Installation dimension on the shaft 581±1 mm distance. Shaft: Ø25.3 (+0.3/-0.2) mm
- Colour: Black (RAL 9005)
- Control box integrated in the housing of the actuator
- The power consumption in standby mode is only 0.1W, this is what we call ZERO™
- Two internal channels
- Four favourite positions
- Under Bed Light
- Mechanical emergency lowering
- Cable strain relief
- Pleasant noise level (sound power level: Lw ≤ 48 dB(A))
- PVC-Free™
- Designed with a soft start/stop function

Option

- Electrical emergency lowering via 2x9 V battery box
- Parallel drive of two beds

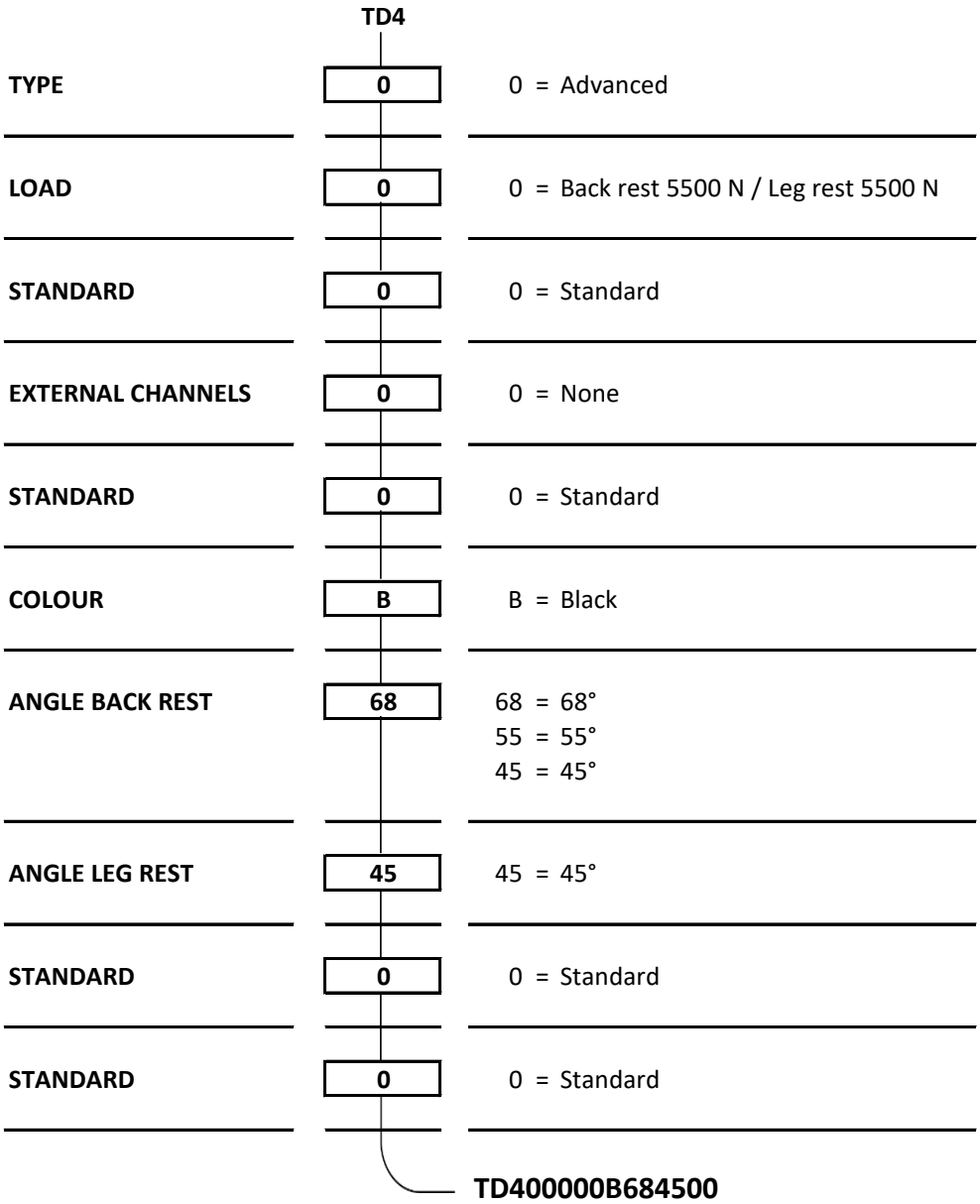
Usage

- Compatible with HOMELINE® controls
- Compatible with SMPS001, SMPS006 and SMPS007
- Compatible with the Bed Control App (Android and iOS) via Bluetooth®
- Compatible with CBD6DC HOMELINE , LA18 Advanced, or LA40 HOMELINE (only in combination with CBD6DC HOMELINE)
- For indoor use in dry locations

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

- Complies with EN60335-1

Ordering

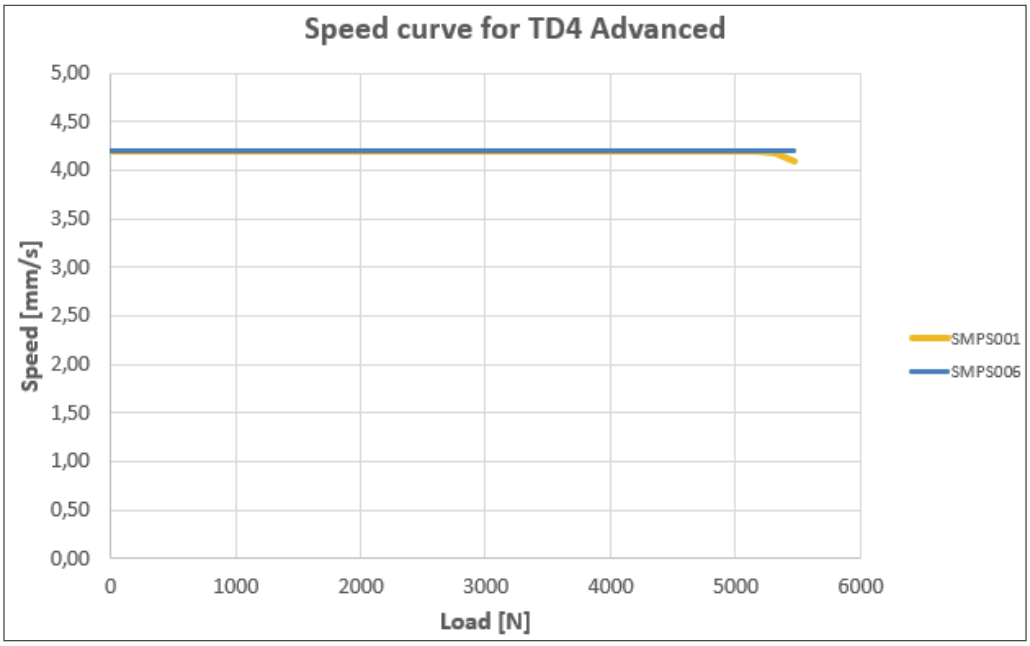


Cables, SMPS, twist bracket, mounting screws, and controls must be ordered separately.

Technical specifications

Product	Load (max.)		Speed at 0 load [°/sec]	Duty cycle [%]
	Backrest [N]	Leg rest [N]		
TD4 Advanced	5500	5500	3.2	10

Speed curve



Dimension drawings

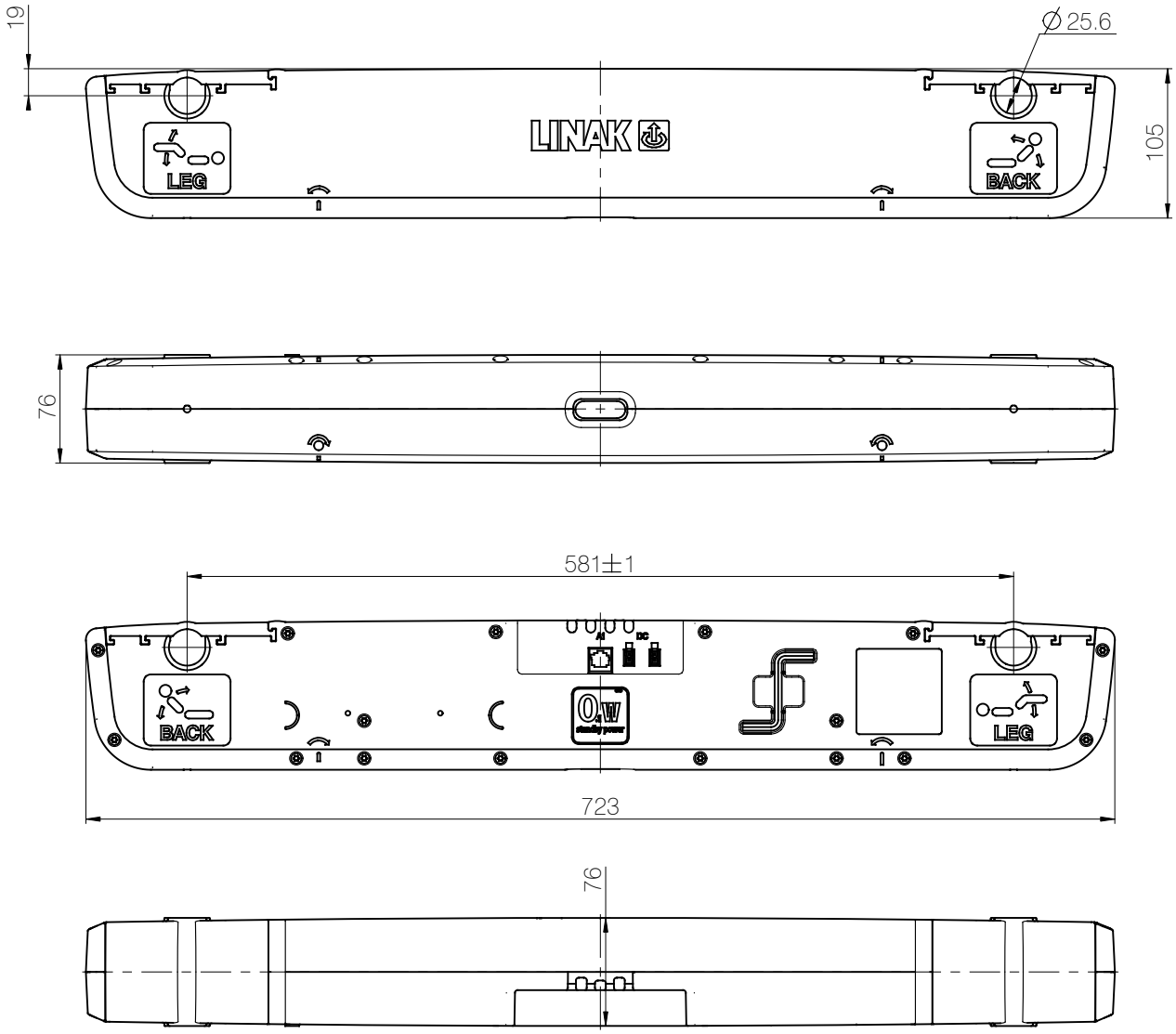


Figure 1 TWINDRIVE Advanced dimensions (mm)

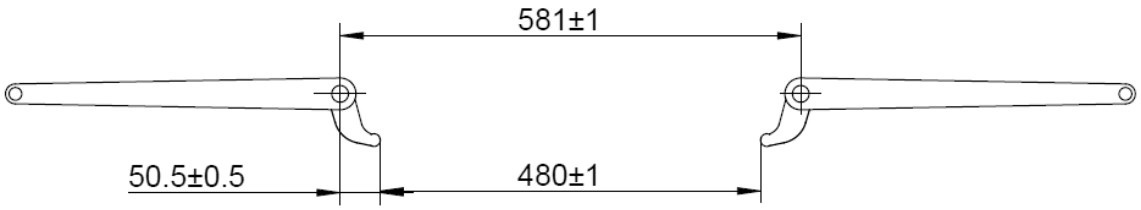


Figure 2 Shaft distance dimensions (mm)

The shaft diameter must be Ø25.2 (+0.3/-0.2) mm.

Features

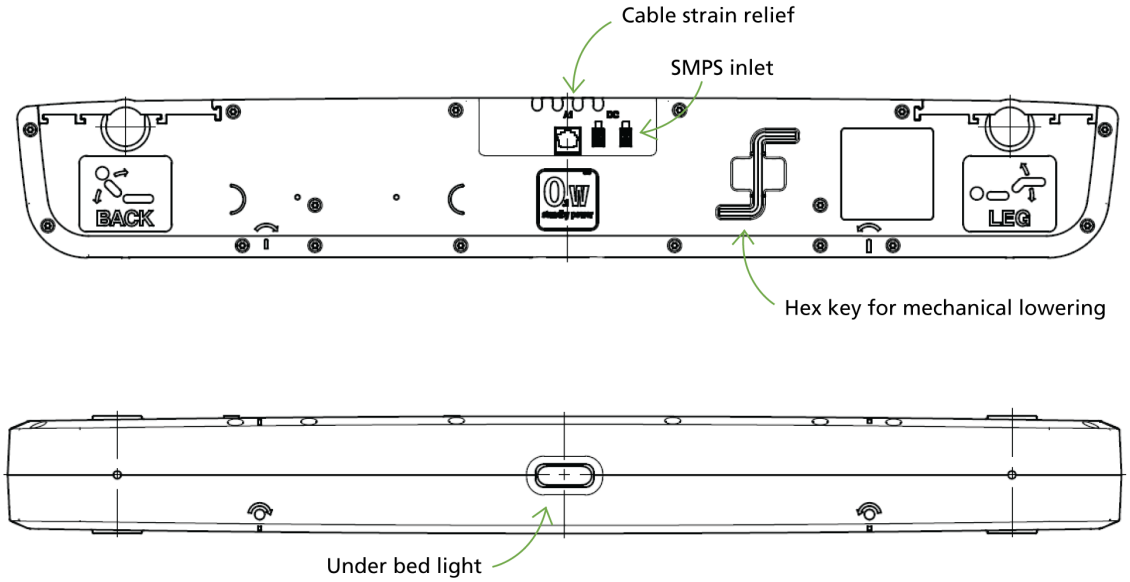


Figure 3 TWINDRIVE Advanced features

Always use the cable strain relief for the mains cable on the TWINDRIVE to avoid pulling out the mains cable plug from the TWINDRIVE resulting in a malfunction.

Do not look directly into the light under the bed.

The default time-out for the Under Bed Light is 30 minutes.

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