

TD5 Advanced Data Sheet





The TWINDRIVE® TD5 is a dual actuator especially developed for box spring beds where a need for high force is required. With a force of 7000 N on both back and leg ends, the TD5 is the strongest dual actuator in the LINAK HOMELINE® portfolio. The TD5 Advanced is for more advanced bed systems requiring up to two extra motors on top of the back and leg adjustment. The TD5 Advanced features a memory function enabling the user to save favourite positions. The TD5 is lightweight and of slim design. As it is also easy to mount because of pictograms on the side and smart closing devices, the TD5 is optimal for shipping - even directly to the end user.

The TD5 Advanced features:

- the well-known LINAK® ZERO™ technology, allowing a standby power of max. 0.1 W. This means the TD5 sleeps, when the user sleeps
- integrated Under Bed Light, which distributes the light evenly on the floor, allowing the user to find way in the dark
- 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 offering the user even more valuable features
- mechanical emergency lowering via a hex key directly attached on the side of the TD5 – always in place when needed, e.g. in case of a power-out

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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. lifting capacity, backrest up to 7000 N
- Max. lifting capacity, leg rest up to 7000 N
- Bluetooth® built into the TD5
- Angle leg rest 45° ±3°
- Angle backrest 68° ±3°, 62° ±3°, 55° ±3°
- Installation dimension: 723 mm length 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 0.1 W, 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: $L_w \leq 48$ dB(A))
- PVC-Free™
- Designed with a soft start/stop function

Options

- Parallel drive of two beds

Usage

- Compatible with HOMELINE® controls
- Compatible with SMPS001 and SMPS006
- 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	700 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	Max. 2000 m

- Complies with EN60335-1

Ordering

	TD5	
TYPE	0	0 = Advanced
LIFTING CAPACITY	0	0 = Back rest 7000 N / Leg rest 7000 N
STANDARD	0	0 = Standard
EXTERNAL CHANNELS	0	0 = None
STANDARD	0	0 = Standard
COLOUR	B	B = Black
ANGLE BACK REST	68	68 = 68° 62 = 62° 55 = 55°
ANGLE LEG REST	45	45 = 45°
STANDARD	0	0 = Standard
STANDARD	0	0 = Standard

Selected item type: TD500000B684500

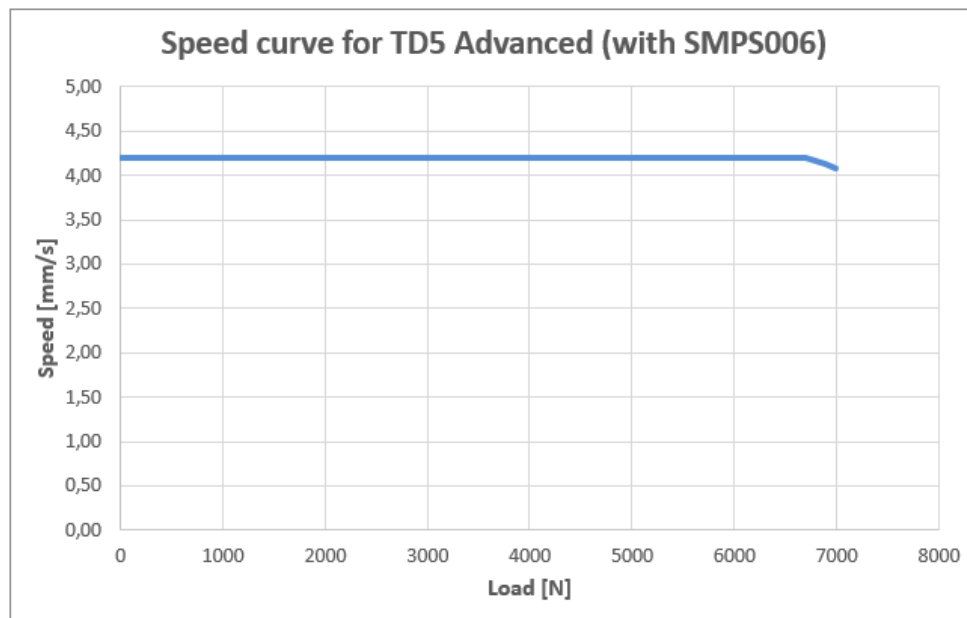


Cables, SMPS, twist bracket, mounting screws, and controls must be ordered separately.

Technical data

Product	Lifting capacity (max.)		Speed at no load [°/sec.]	Duty cycle [%]
	Back rest [N]	Leg rest [N]		
TD5 Advanced	7000	7000	3.2	10

Speed curve



Dimension drawings

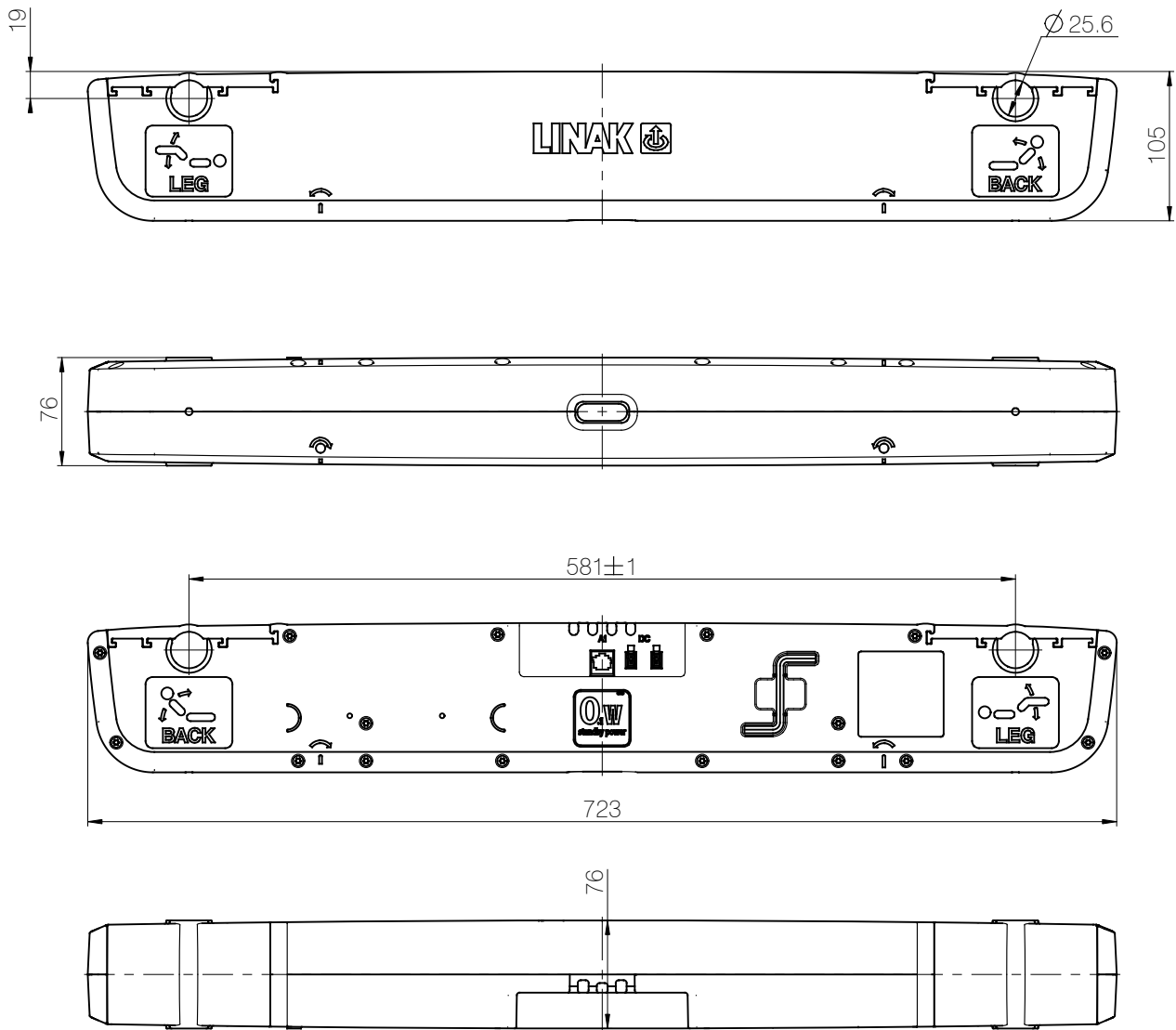


Figure 1 TWINDRIVE Advanced dimensions (mm)

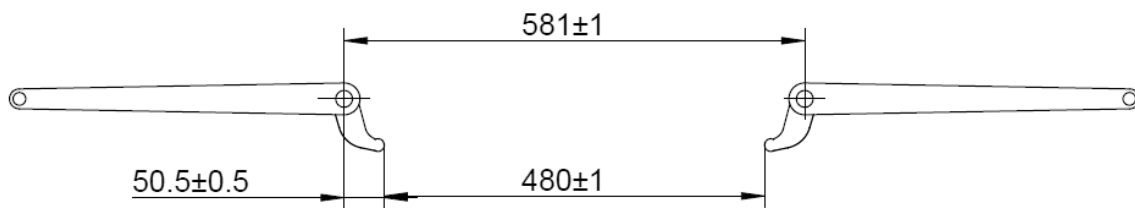


Figure 2 Shaft distance dimensions (mm)



The shaft diameter must be $\text{Ø}25.2 (+0.3/-0.2)$ mm.

Features

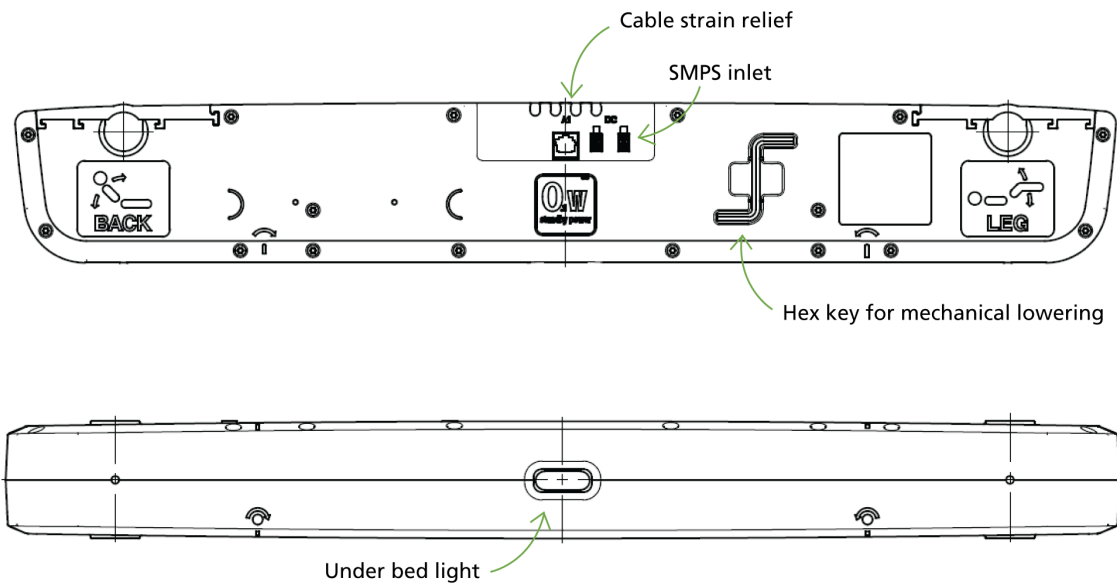


Figure 3 TWINDRIVE Advanced features



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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