HOMELINE®
IMPROVING COMFORT

TD5 Standard
Data Sheet



LINAK®
WE IMPROVE YOUR LIFE



The TWINDRIVE® TD5 is a dual actuator especially developed for box spring beds where a 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 Standard is for bed systems requiring back and leg adjustment and, at the same time, a range of contemporary features. 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 Standard 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/Usage

Features

- Mains voltage: 220-240 V
- Max. load, backrest up to 7000 N
- Max. load, 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
- 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
- Protected against overload (EOP)
- Shuts down if abused

Usage:

- Compatible with HOMELINE® controls
- Compatible with LINAK Bed Control App (Android and iOS) via Bluetooth®
- Duty cycle: 10 % ≈ max. 1 minute at continuous use followed by 9 minutes pause
- 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

	TD5	
TYPE	**1**	1 = Standard
LOAD	**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

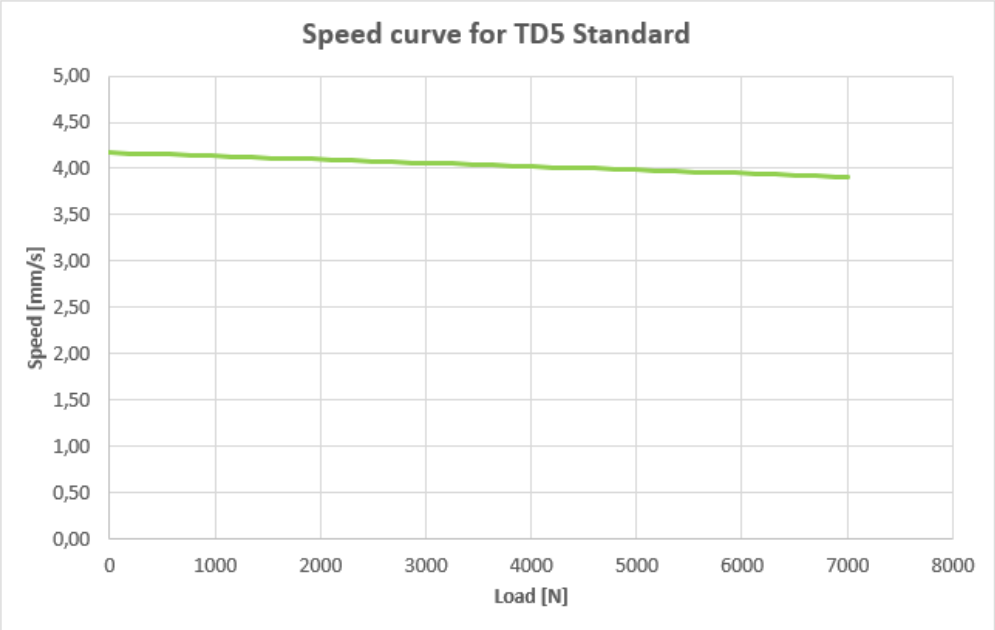
TD510000B684500

Mains cable, twist bracket, and controls must be ordered separately

Technical data

Product	Load (max.)		Speed at no load [°/sec.]	Duty cycle [%]
	Backrest [N]	Leg rest [N]		
TD5 Standard	7000	7000	3.3	10

Speed curve



Dimension drawings

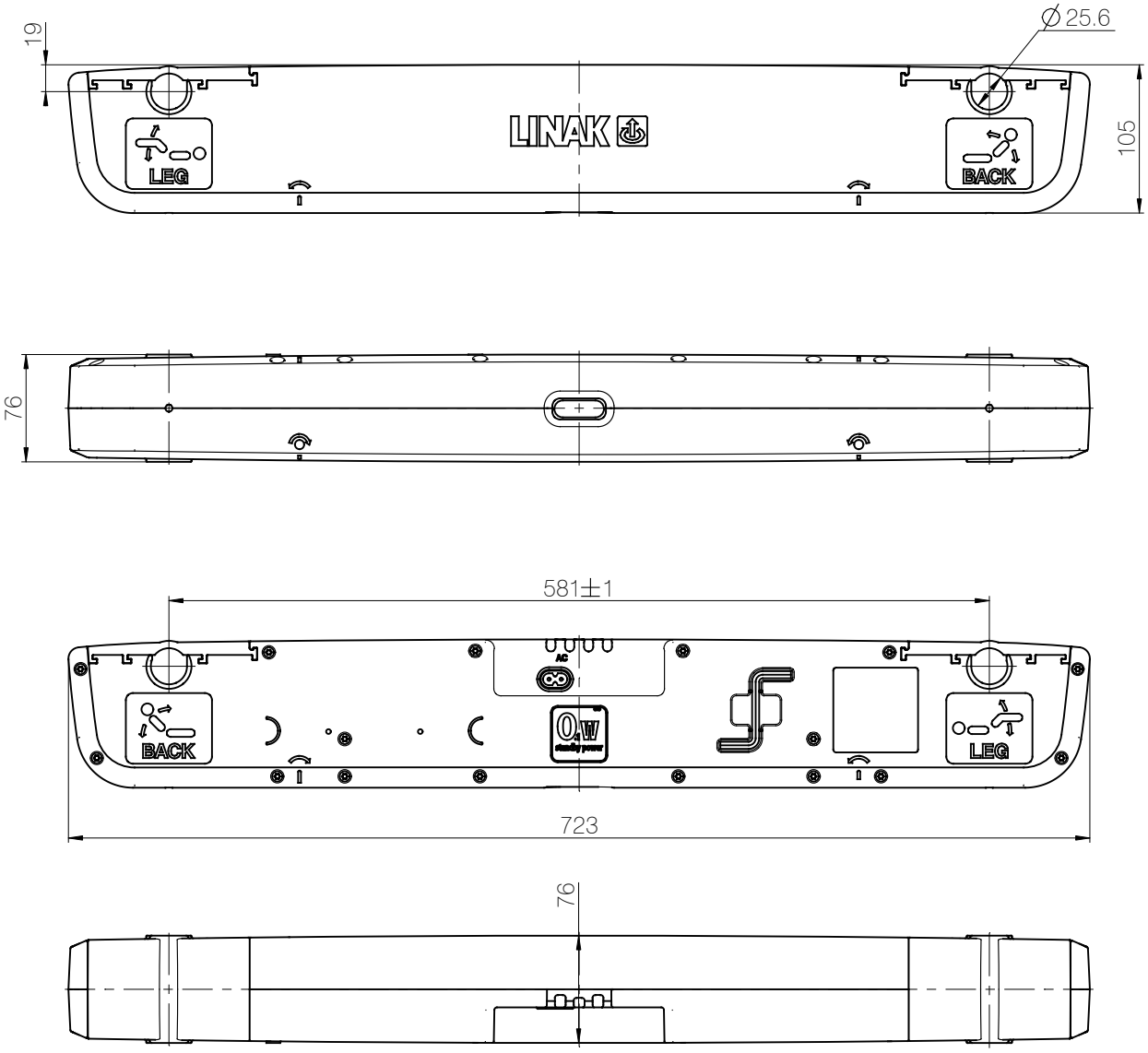


Figure 1 TWINDRIVE Standard dimensions (mm)

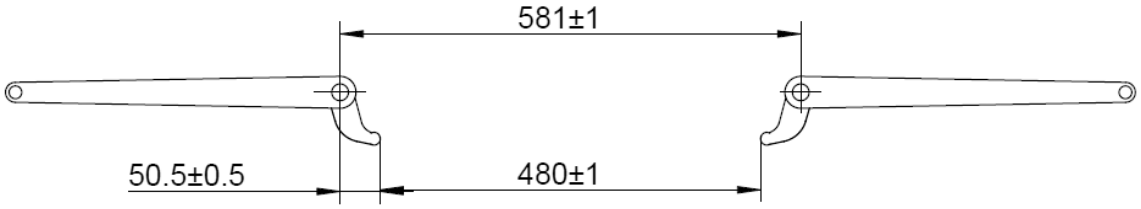


Figure 2 Shaft distance dimensions (mm)

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

Features

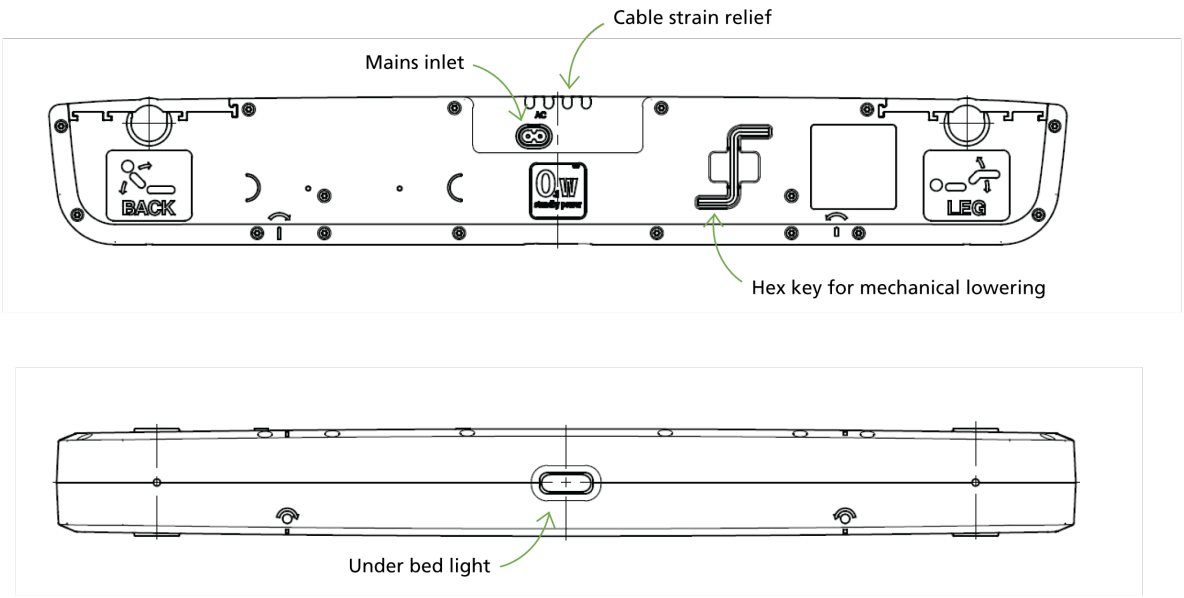


Figure 3 TWINDRIVE Standard features

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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