

# 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  $45^{\circ} \pm 3^{\circ}$
- Angle backrest  $68^{\circ} \pm 3^{\circ}$ ,  $62^{\circ} \pm 3^{\circ}$ ,  $55^{\circ} \pm 3^{\circ}$
- Installation dimension: 723 mm length x 105 mm height x 76 mm width
- Installation dimension on the shaft  $581 \pm 1$  mm distance. Shaft:  $\varnothing 25.3 (+0.3/-0.2)$  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°<br>62 = 62°<br>55 = 55°       |
| ANGLE LEG REST                             | 45  | 45 = 45°                               |
| STANDARD                                   | 0   | 0 = Standard                           |
| STANDARD                                   | 0   | 0 = Standard                           |
| Selected item type: <b>TD500000B684500</b> |     |                                        |

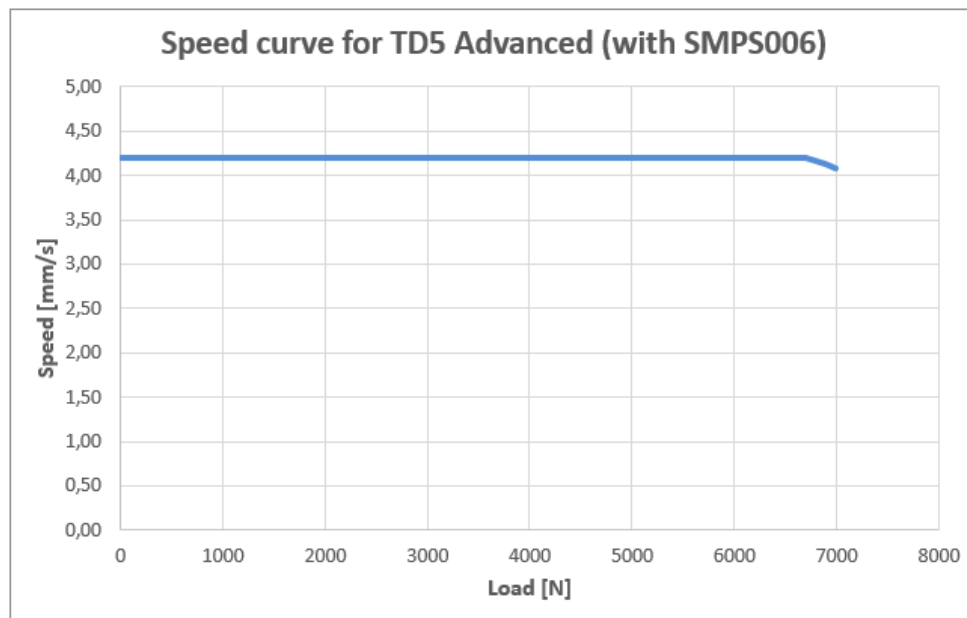


Cables, SMPS, twist bracket, mounting screws, and controls must be ordered separately.

## 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

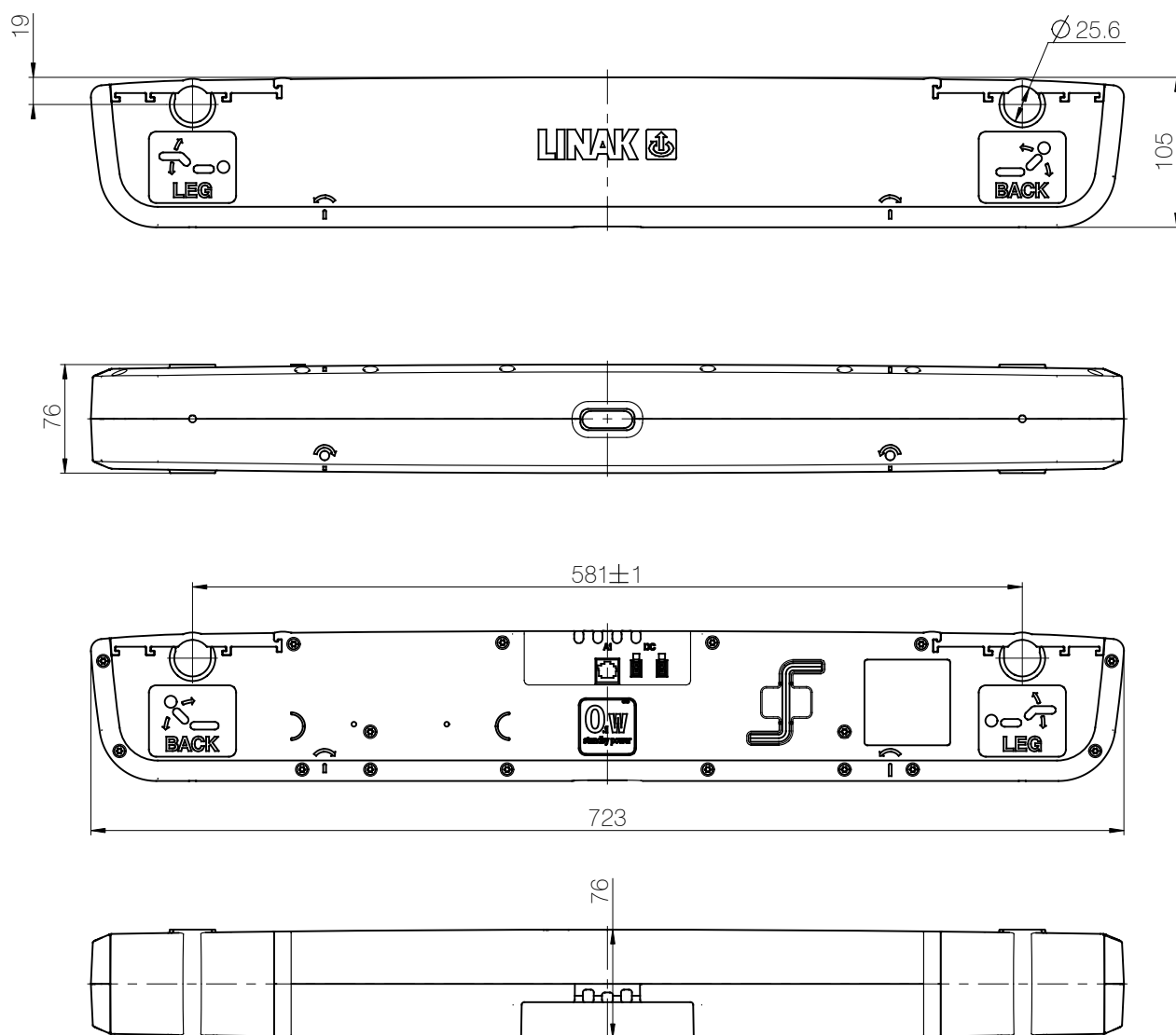


Figure 1 TWINDRIVE Advanced dimensions (mm)

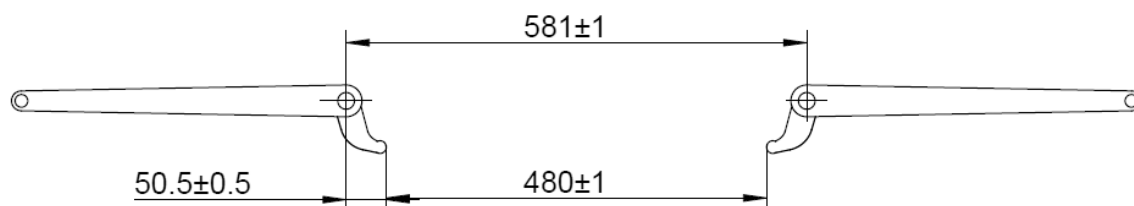


Figure 2 Shaft distance dimensions (mm)



The shaft diameter must be  $\varnothing 25.2 (+0.3/-0.2)$  mm.

## Features

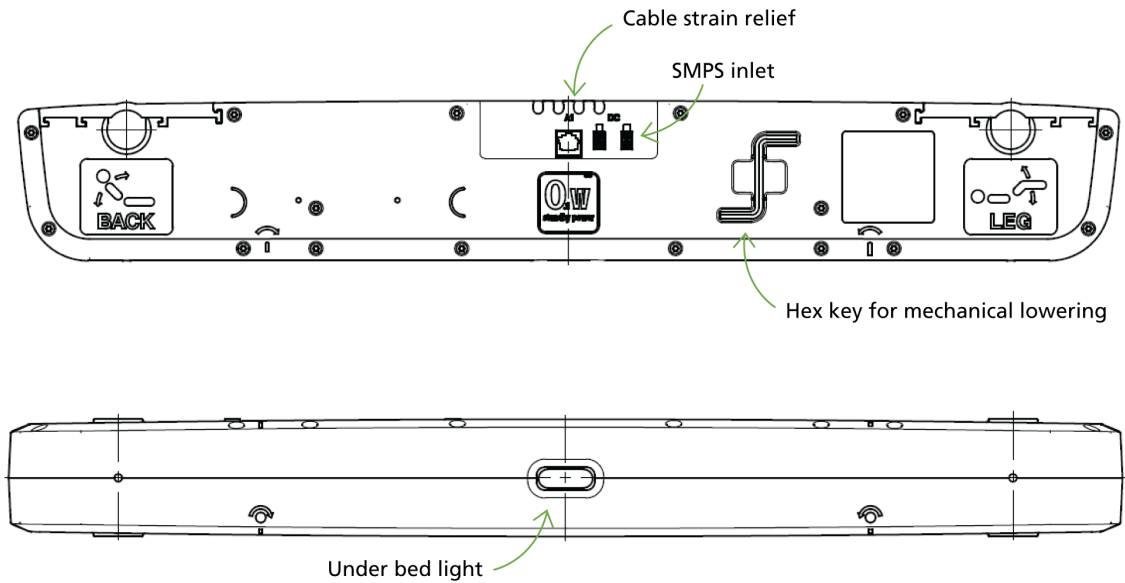


Figure 3 TWINDRIVE Advanced features



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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