



## TWINDRIVE<sup>®</sup> TD4 Advanced Data sheet

# TD4 Advanced

The TWINDRIVE® TD4 is a dual actuator especially developed for all types of slatted and box spring beds. The TD4 comes in two versions as to strength: TD4 and TD4+. The TD4+ is for the box spring beds where a higher need for force is required. With the TD4 series you get a state-of-the-art product incorporating what has only been available as options before as part of the standard product. The TD4 is very slim and compact in design ensuring minimum need of space underneath the bed and optimum logistics during transportation. The low weight of TD4 ensures easy handling when mounting and pictograms on the side make the mounting very intuitive. The TD4 features integrated under bed light and very unique a mechanical emergency lowering system in case of power failure.

TD4 has integrated Bluetooth® meaning that all handsets compatible are wireless. Alternatively the Bed Control App can be downloaded to use a smartphone as handset.

The TD4 Advanced has an external power supply ensuring a pleasant noise level and steady speed. The TD4 Advanced is capable of handling handsets with memory positions. Combine the TD4 Advanced with the CBH Advanced to add extra channels to the bed design such as head and foot adjustment.



## Features:

- 24V DC – 30V DC unit  
Power supply via external switch mode power supply unit: SMPS001 (230V-24V output) or SMPS002 (120V -24V output) or universal SMPS006 (100-240V -29V output)
- Max. lifting capacity, backrest up to 6000N
- Max. lifting capacity, leg rest up to 4500N
- Bluetooth® built into the TD4
- 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 x 105 mm height x 76 mm width
- Installation dimension on the shaft  $581 \pm 1$  mm distance.  
Shaft:  $\varnothing 25.2^{+0.3}_{-0.2}$  mm
- Designed with a soft start/stop function
- Pleasant noise level (Sound power level:  $L_w \leq 48$  dB(A))
- Colour: Black, RAL 9005
- Control box integrated in the housing of the actuator
- 4 memory positions
- The power consumption in standby mode is only 0.1W, this is what we call ZERO™
- Under Bed Light
- Mechanical emergency lowering
- Cable strain relief
- PVC-Free™

## Option:

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

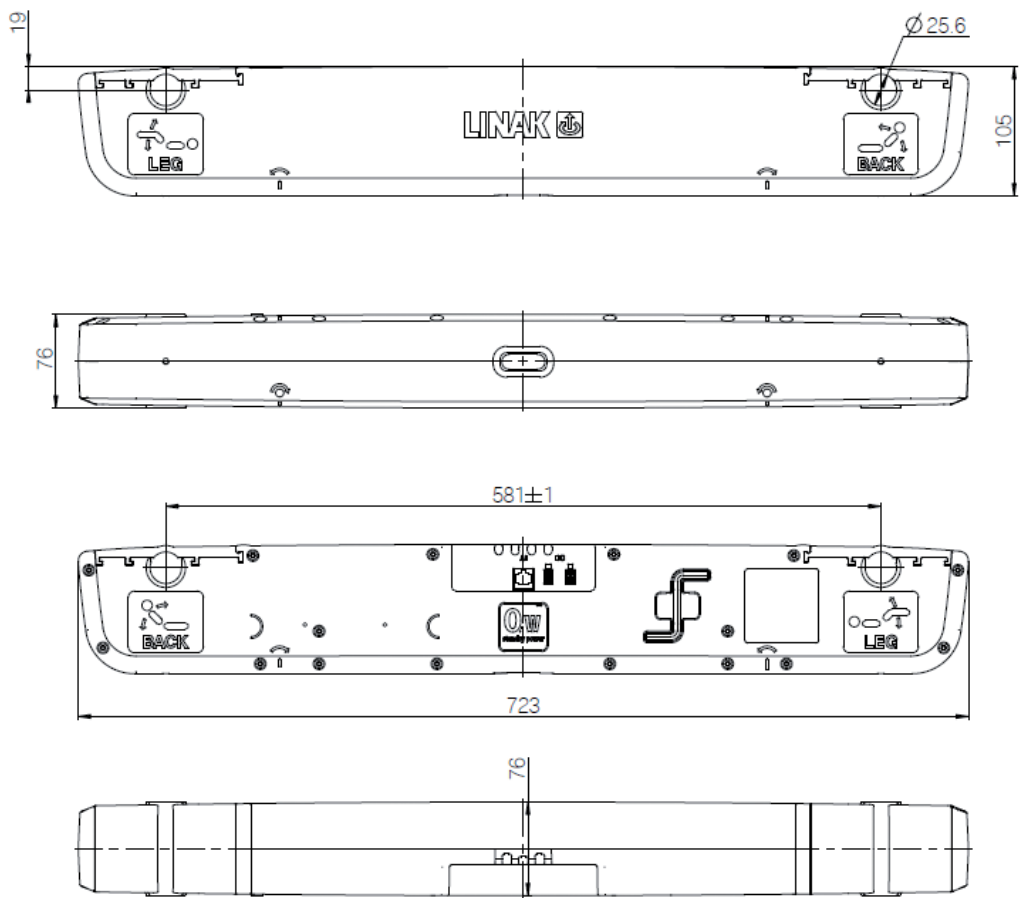
## Usages:

- Compatible with HOMELINE® controls: HC05BL, HC10BL, HC20BL, HC30BL and HB10BL
- Compatible with the Bed Control App (Android and iOS) via Bluetooth®
- Duty cycle: 10% max 1 min at continuous use followed by 9 min not in use
- Ambient temperature:  $+5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$
- Storage and transport temperature:  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$
- Approved in accordance with EN60335-1

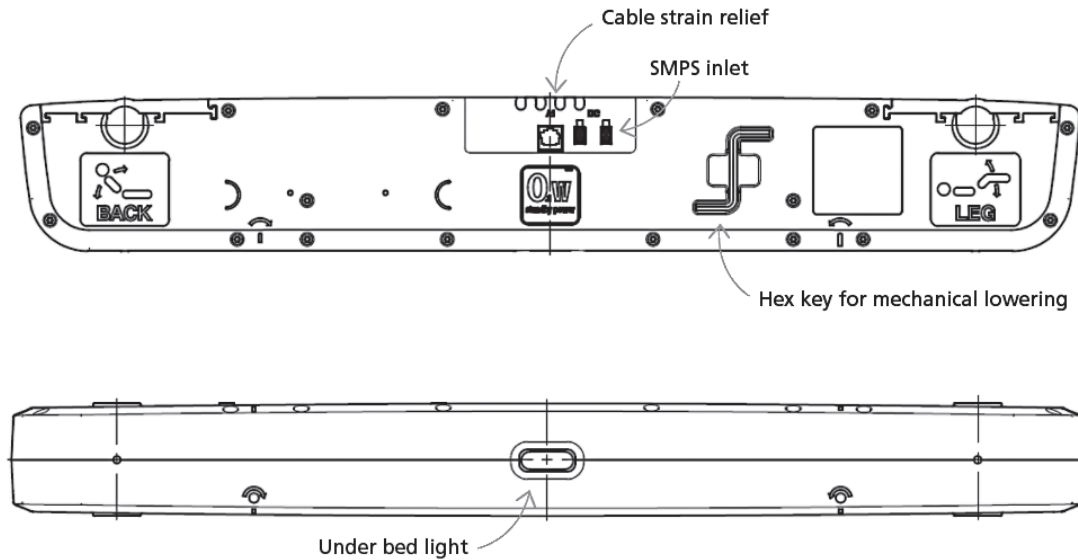
Technical specifications:

	Max. lifting capacity			Speed at 0 load [°/sec]	Duty cycle [%]
	Backrest [N]	Leg rest [N]	Both ends [N]		
TD4 Advanced	4500	4000	7500	3.2	10
TD4+ Advanced	6000	4500	7500	3.2	10

Dimensions:



## Features:



It is important to use the cable relief for the power connection cable on the TD4. By using the cable relief you avoid that the connection cable plug is pulled out of the TD4 resulting in a malfunction.

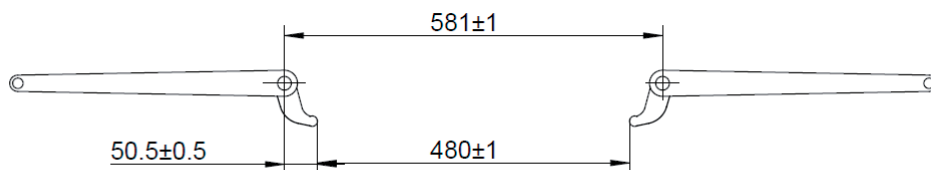


Please do not look directly in the light under the bed



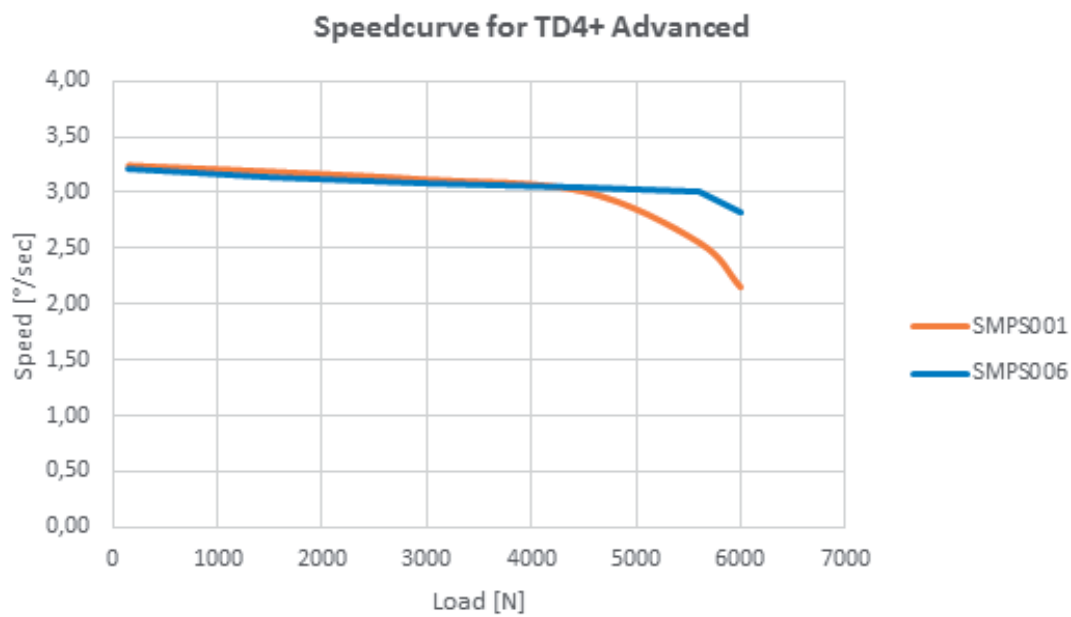
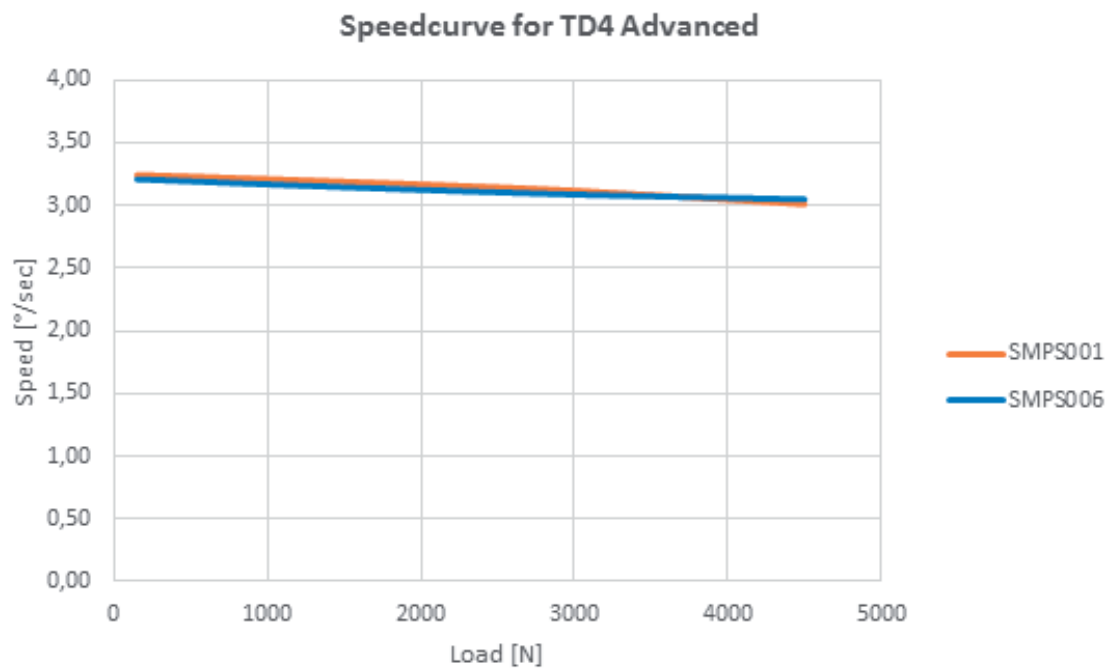
We recommend using the SMPS006 for the TD4+ Advanced to ensure optimal sound and speed

## Dimensions shaft distance:

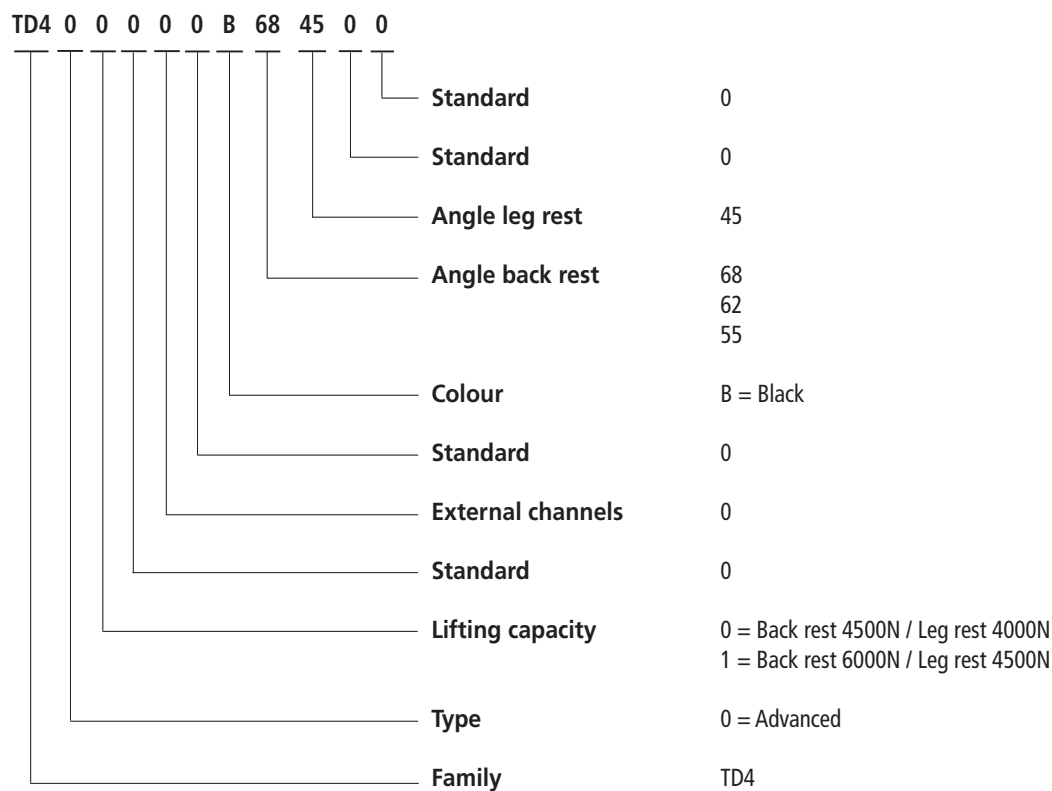


The diameter of the shaft must be  $\varnothing 25.2 \pm \begin{smallmatrix} 0.3 \\ 0.2 \end{smallmatrix}$  mm

Speed curves :



**TWINDRIVE® TD4 Advanced**  
Ordering example:



Cables, SMPS, battery box, twist bracket and controls must be ordered separately

- SMPS**  
SMPS001 = 230V version  
SMPS002 = 120V version  
SMPS006 = Universal input 100-240 V version

- Battery box**  
Battery box without batteries TD30701177  
Battery box with batteries TD30701154

- Twist bracket**  
0701441 Twist bracket for TD4  
Twist brackets come in bags of 158 pieces: Min. order 158 pieces.



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