

**TENTE**

BETTER MOBILITY. BETTER LIFE.

# LINEA e-lock

Swivel castor with integrated electric locking system,  
total or directional lock

Swivel castor with **integrated electric locking system**,  
total- or directional lock

Housing made of **break-proof** high grade  
synthetic material



**Emergency release**

Fig. 594EUSP150R36-32



**Two precision ball bearings**  
in the swivel head

**Excellent roll-performance**,  
smooth surfaces reduce the  
accumulation of dirt and allow  
for easy clean up

The e-lock is a further development of the tried-and-trusted LINEA range. The locking system is integrated in the castor. The locking functions are controlled electrically. Switching forces and switching torque are no longer required. Each switching position can be individually controlled. The controls are freely programmable and can be operated via Bluetooth or radio or using an app. The e-lock also has the advantages of quiet switching and a particularly low rate of mechanical wear. The designer has much greater design freedom, since the pedal and the switching rods to the individual castors are no longer needed.

- ⊕ **Electrical locking** of the castor – does not involve switching torques and switching forces
- ⊕ **Opens up new possibilities** regarding the design of new beds
- ⊕ **Programmable logic controller**
- ⊕ **Extremely low level of mechanical wear**
- ⊕ **Noise reduced** of switching/locking

# Technical properties LINEA e-lock

## Technical data 594EUSP150R36-32

Overall height	155 mm
Offset	47 mm
Temperature	+ 5 to +40 °C
Standard	EN 12531
Wheel name	USP
Wheel diameter	Ø 150 mm
Load capacity*	150 kg / castor
Wheel center	Polyamide
Tread	Polyurethane, conductive
Bearing	Precision ball bearing

\*Load capacity tested according EN12531

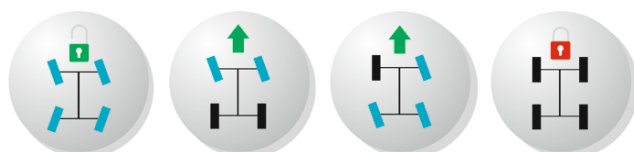


**Excellent roll-performance, smooth surfaces reduce the accumulation of dirt and allow for easy clean up, precision ball bearing, electric conductive, non-marking**

Optionally available with wheel USC, with protection class IPX4 and stainless precision ball bearing.

## Switching functions

<b>Position 1</b>	All castors set to swivel actions (Free)
<b>Position 2</b>	Directional lock for 2 castors
<b>Position 3</b>	Directional lock for 1 castor
<b>Position 4</b>	Total lock



## Solid stem

<b>Bolt</b>	Ø 32 mm
<b>Bolt length</b>	50 mm
<b>Power supply</b>	24 V/DC Supply voltage 1,6 A max. Motor stream
<b>Electrical connection</b>	Connector 03R-JWPF-VSLE-S 1 VDD Power supply (+) 2 IO 1 Wire Serial Interface 3 GND Supply and System Ground



**Bolt R36 - 32**

## Emergency release

### Emergency release

In the event of a power cut, the castor can be manually unlocked. The emergency release will be automatically reset during the motor's reference run as soon as power is available again.

### Actuation of the emergency release

Mechanical unlocking e-lock of position directional lock: Turning the button 90° clockwise. Mechanical unlocking e-lock of position total lock: Turning the button 90° anti clockwise.



**Emergency release**

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