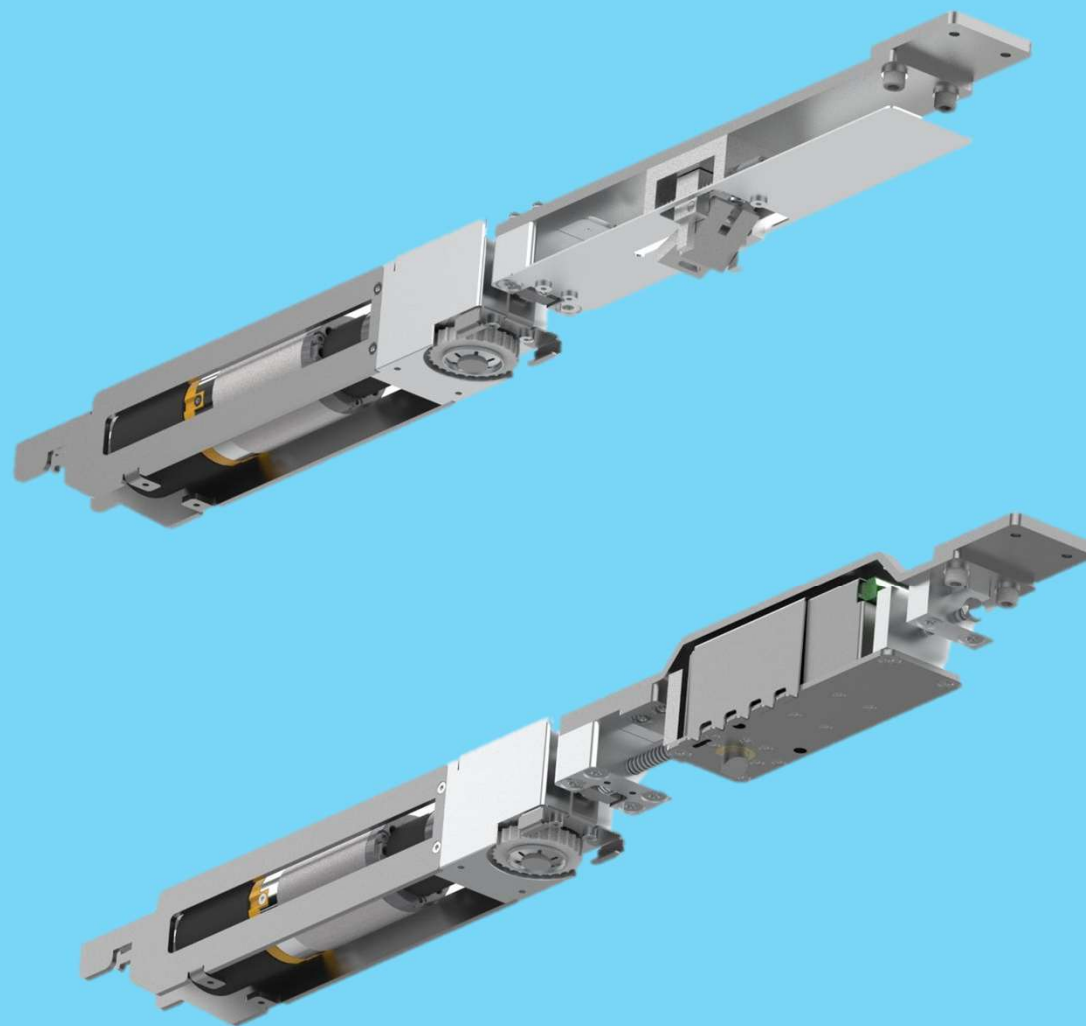
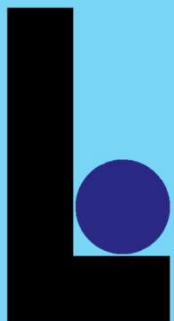


Liberda Antriebstechnik



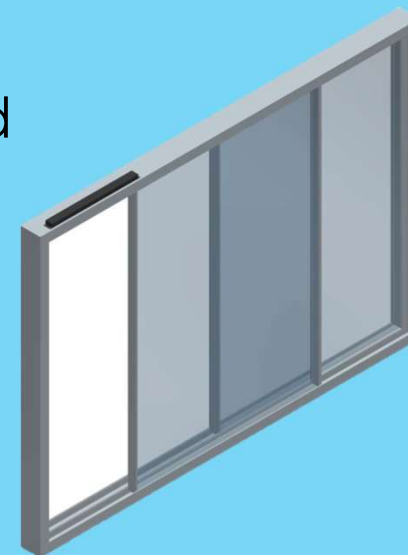


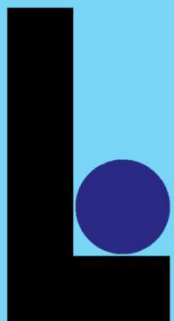
New Product – Slim Line

- Motor and mechanics are located in the upper profile
- Control unit is installed in the vertical profile



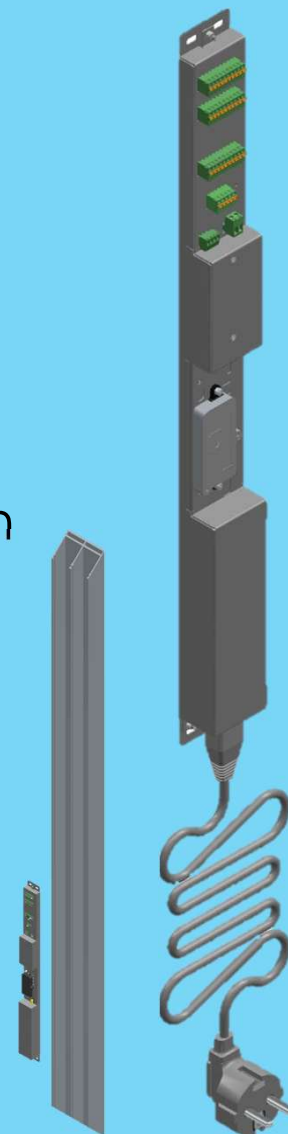
- Space requirement in the upper profile reduced
- Pulling force up to 180N
- Mechanical locking included
- Mechanics tested for a 30-year service life
- BLDC drive - door slides easily
- fits into a rail





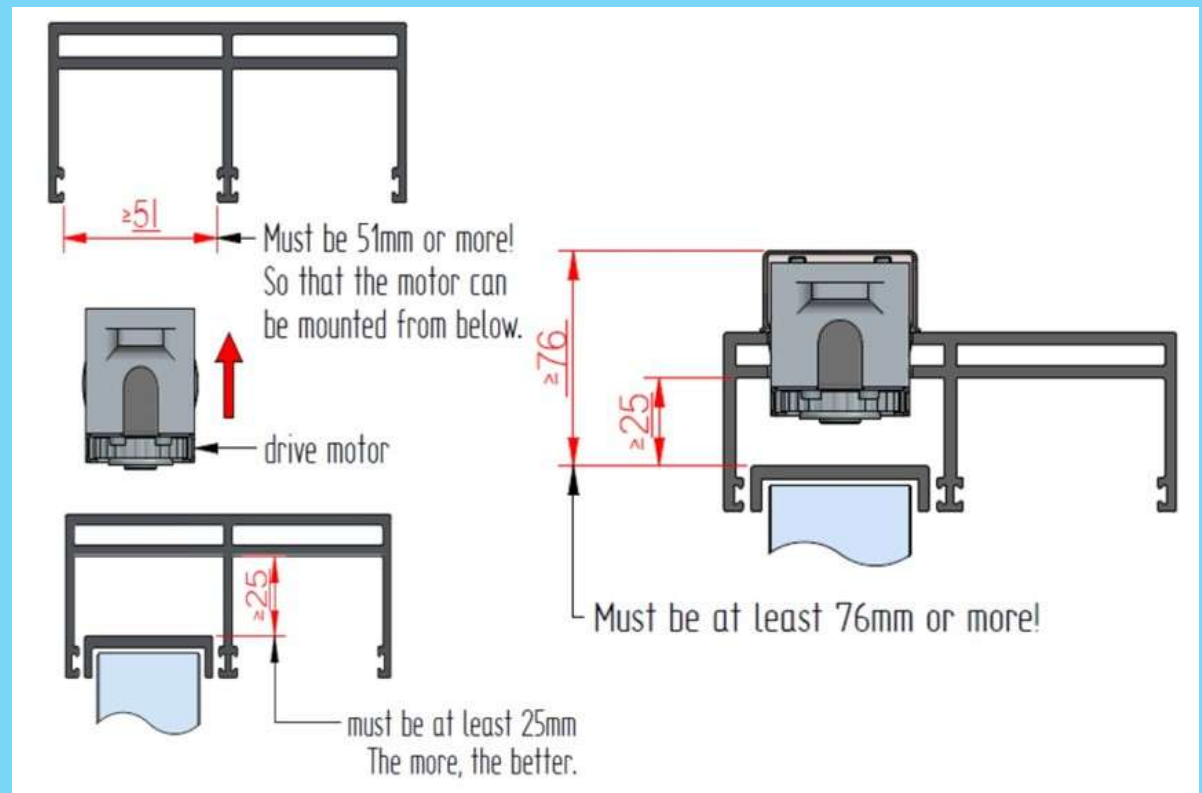
New Product – Slim Line

- System with vertical toothed belt
- Newly developed V4 control unit
- available at market launch with our basic version
- ideal for single doors with fixed panel or pocket solution
- Can be used on the left and right
- Advantage for large quantities - stock keeping
- Attractive basic price
- Wifi and keypad integrated



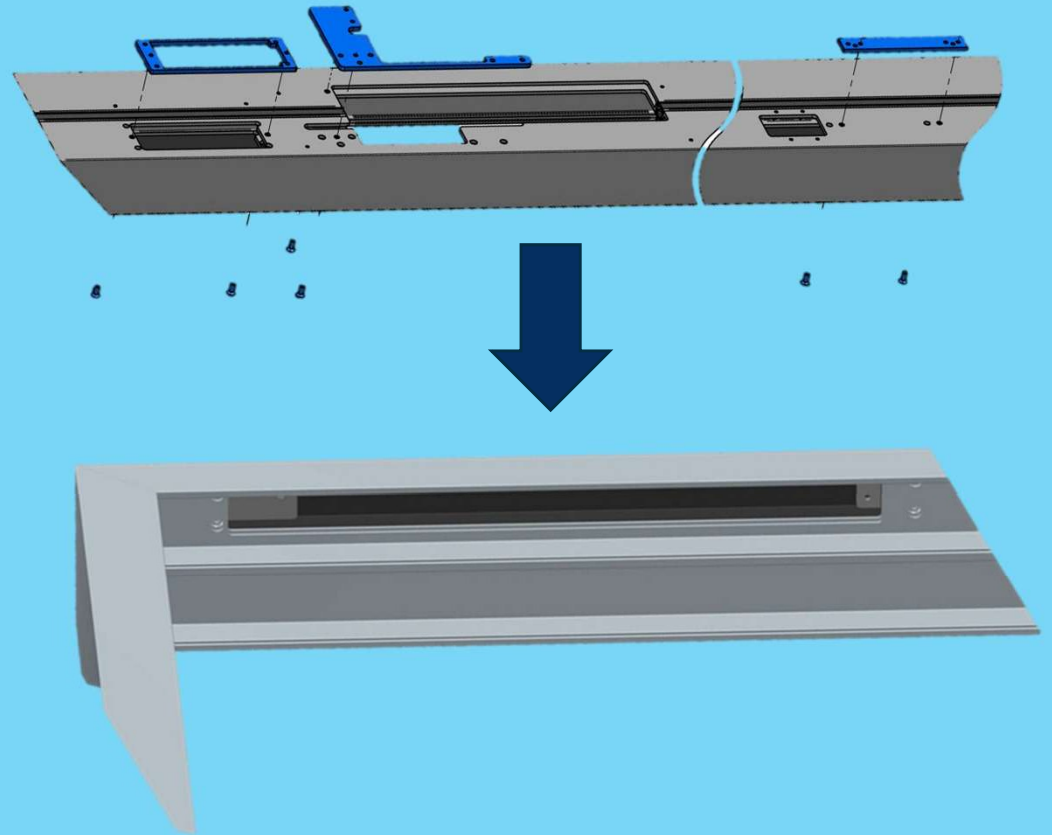
Slim Line - space requirement

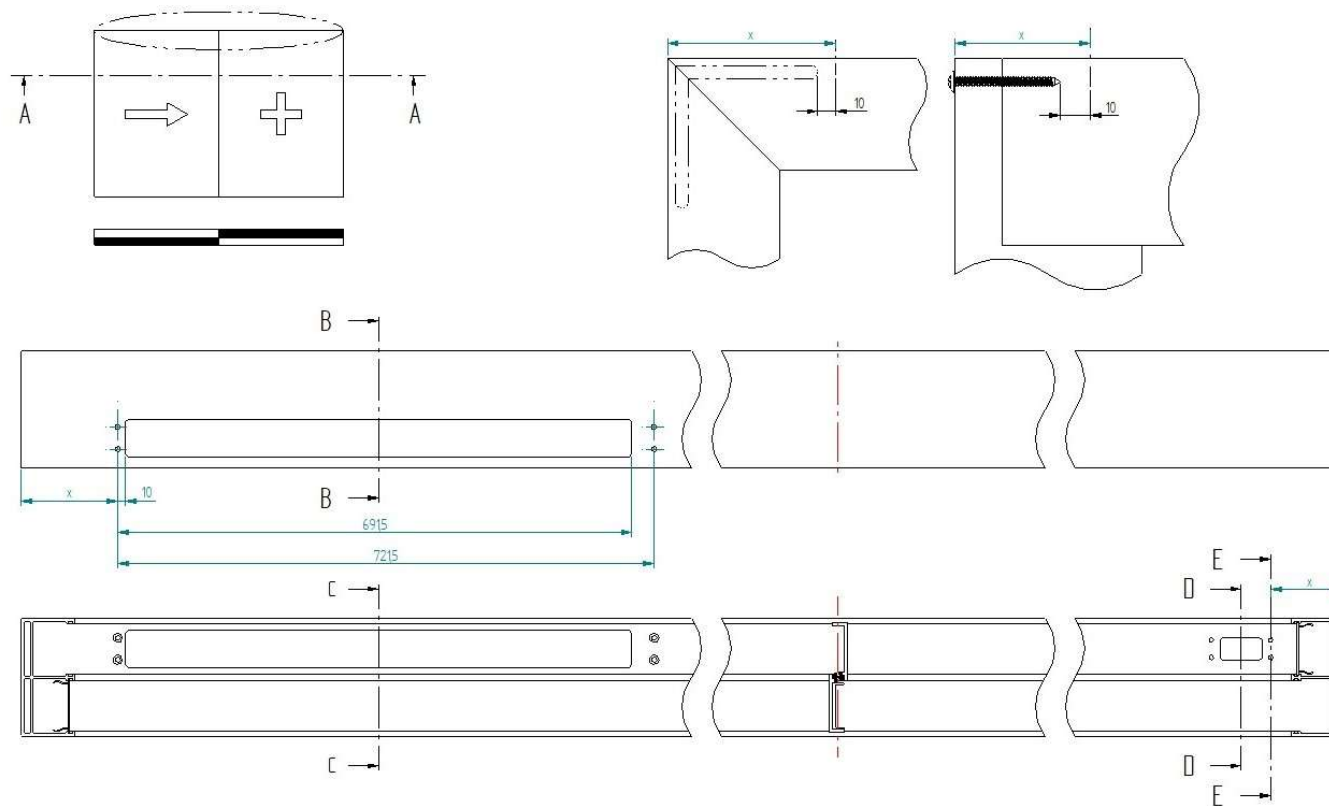
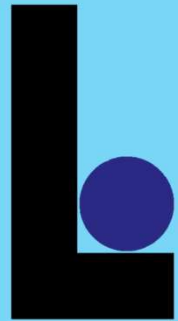
- Height
 - Space requirement from the top edge of the door leaf is reduced from 100 mm to 76 mm
- Width
 - Construction width decreases to 51 mm



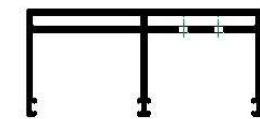
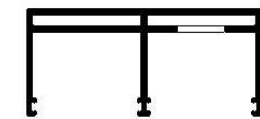
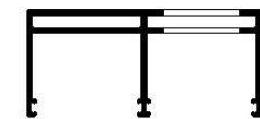
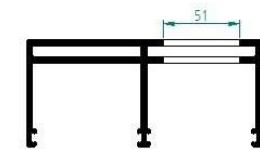
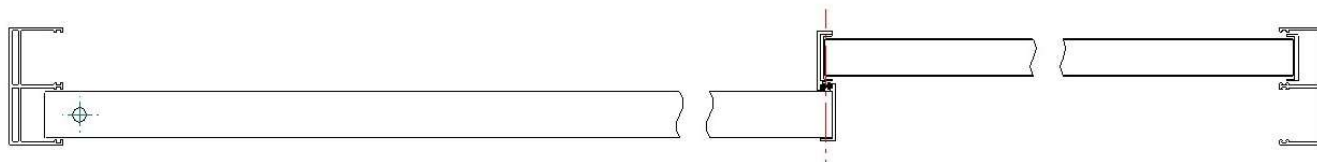
Comparison milling and drillings

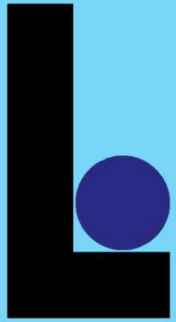
- Comparison to Liberda Classic Line
- Slim Line
- One milling for Drive and Lock instead of two





Machining required for installation

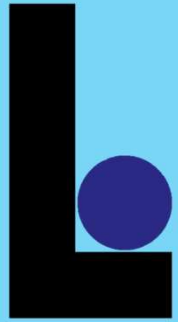




BLDC - Gearmotor

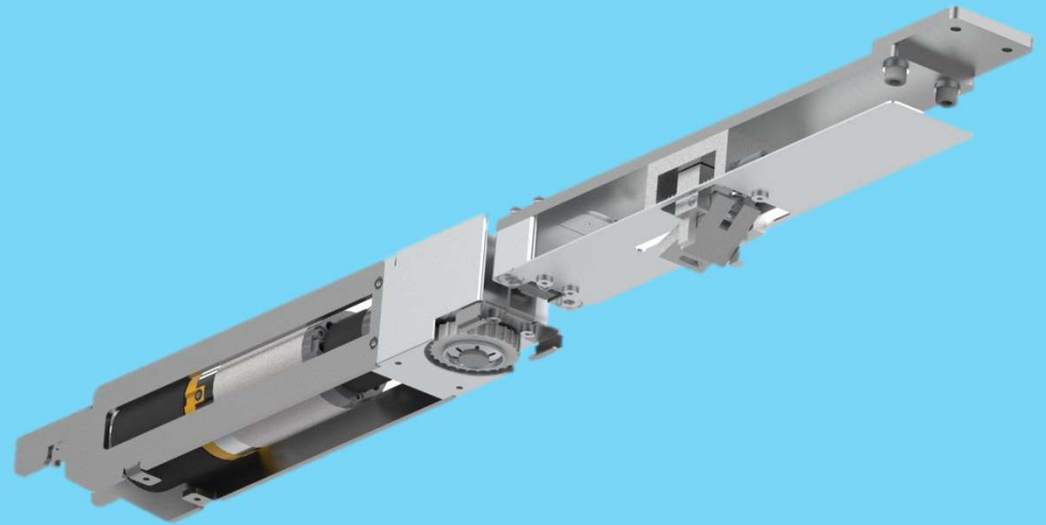
- Compact design
- higher power density
 - Slim Line 500 kg sash weight
 - Classic Line Size 1- 350 kg
- now push able with little strength
- pleasant noise emission
- modular design
 - Choose between different locking systems
 - magnetic
 - mechanical

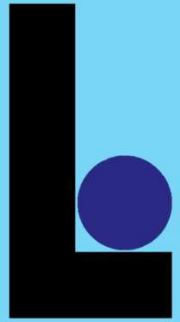




Mechanical Lock

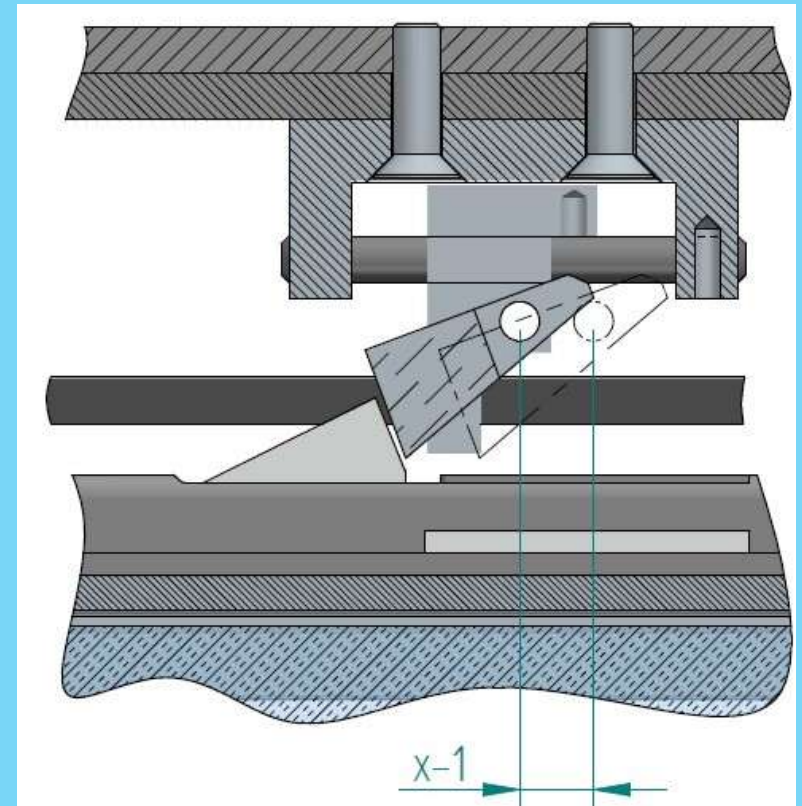
- Pricing
 - Magnetic lock not required
 - Mechanical lock is always integrated in the unit
- “Locked” message
 - is sent to the control unit
- Emergency release
 - not required, can be unlocked by pulling on the belt

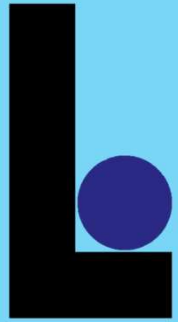




Mechanical lock

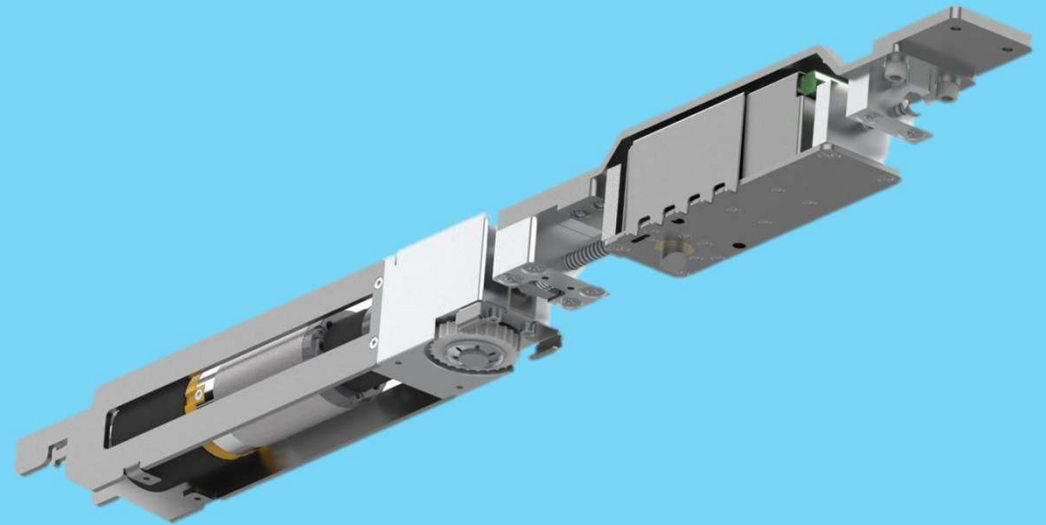
- Locking mechanism can be adjusted
 - Compensates for a longitudinal offset

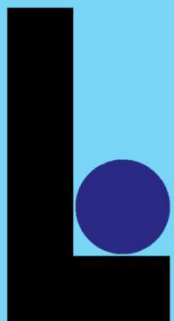




Magnetic lock

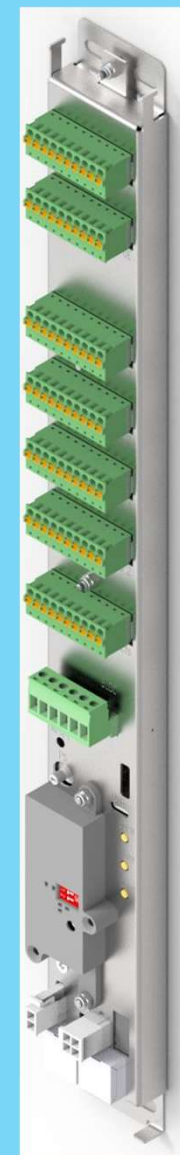
- Magnetic lock still available on request
 - May be necessary for external doors
- more favourable lock than before with same functions

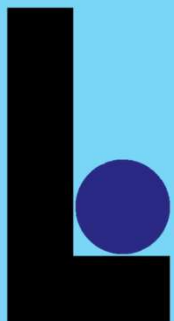




Connectivity

- Connectivity
 - as usual, you can still integrate external buttons, home automation or radio remote controls at **no extra cost**
- WIFI
 - our newly developed control system has Wi-Fi on board. This means you can connect your drives to your home network
- App for iOS and Android
- Remote Access
 - through the Wi-Fi interface we can also access your system if you grant us access and carry out troubleshooting or diagnostics

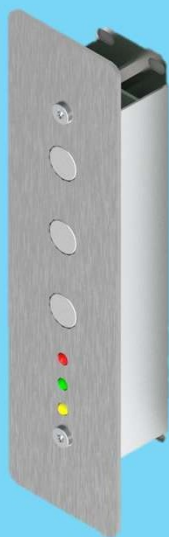




Accessories

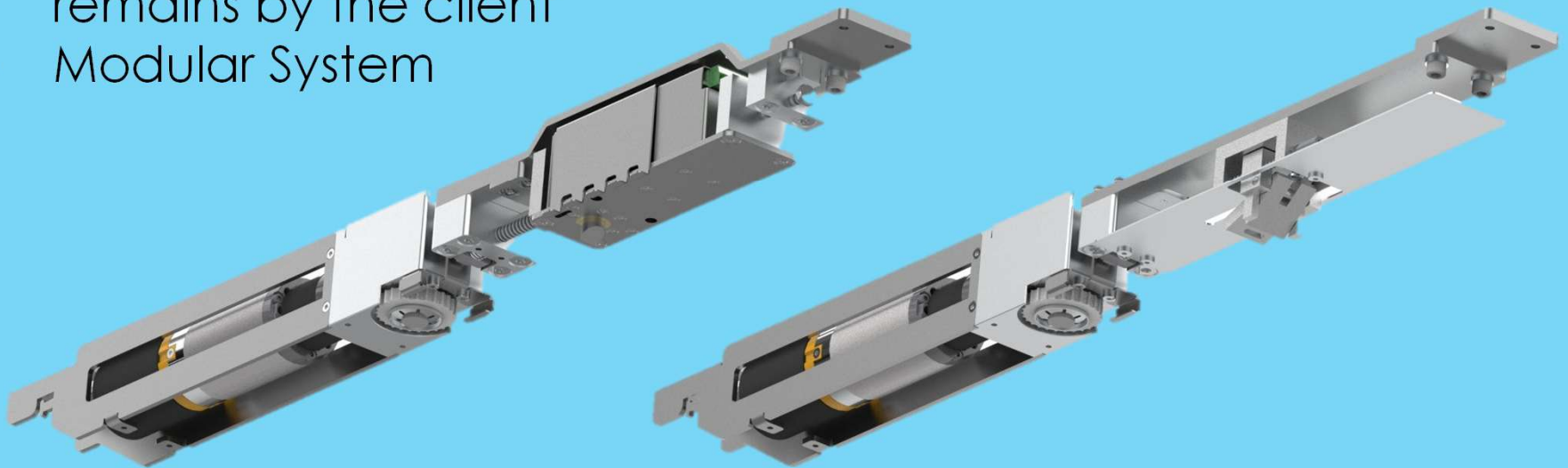
- We offer a wide range of accessories on request
These include, for example:

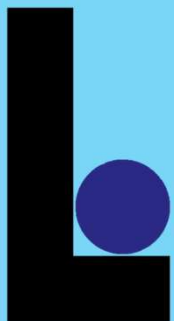
- Operating Elements
- Radio remote controls
- Control cabinets
- Uninterruptible power supplies
 - Mounted in the profile
 - Mounted in the control cabinet



Competitive Advantages

- Extremely low overall height
- No additional profile required for stowing the drive
- No additional price for home automation module
- Remote diagnostics without workers on site full control remains by the client
- Modular System

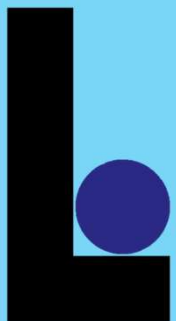




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