

# SLIDING DOOR DRIVE UNIT

## SL 45

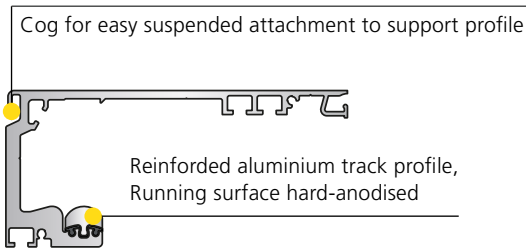


### The powerful drive system for large and heavy-weight applications

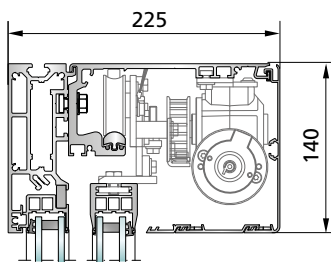
- Single-leaf and bi-parting sliding doors
- Two- and four-leaf telescopic sliding doors
- For a max. door leaf weight of 1 x 240 kg and 2 x 240 kg
- With side door panel, glazed overhead panel and protection leaf
- PSXP, PST profile systems and leaves supplied by others
- Emergency-exit function (redundant option)
- Gilgen CAN-Bus sensors as well as sensors supplied by others
- Battery BATPA
- Carlock running carriage locking integrated in the drive mechanism
  - CARLOCK (Standard and Redundant configuration)
  - CARLOCK-FS (Fail Safe, Fail Secure, Emergency exit and Rescue access, Longlife)
- FLUVERI multi-point locking automatic / manual
- Door and lock monitoring TUWE VdS
- Air curtain control
- Control pillar for a simple arrangement of all the control elements directly next to the clear opening
- KIT compatible drive concept
- TÜV-tested for conformity with corresponding standards (e.g. EN 16005, DIN 18650)

# Profile systems

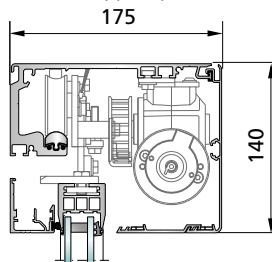
The SL 45 drive system is compatible with our profile systems (PSXP and PST) and fits with any metal structure design.



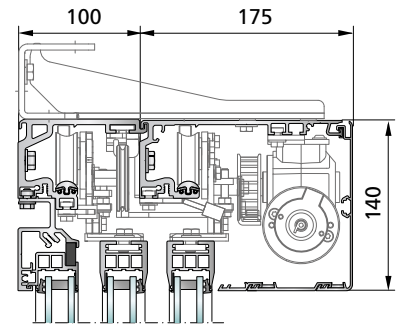
SL 45-S - standard (PSXP)  
With side panel and support profile



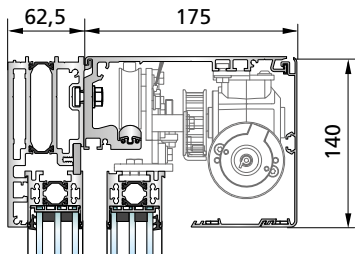
SL 45-S - standard (PSXP)  
Without side panel,  
without support profile



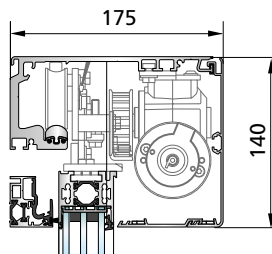
SL 45-T - standard (PSXP)  
With side panel, without support profile



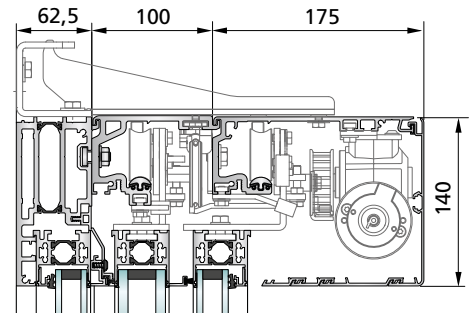
SL 45-S - thermally insulated (PST)  
With side panel and support profile



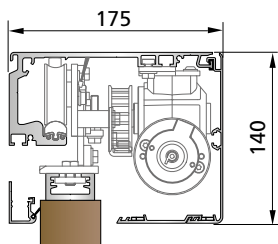
SL 45-S - thermally insulated (PST)  
Without side panel and  
support profile



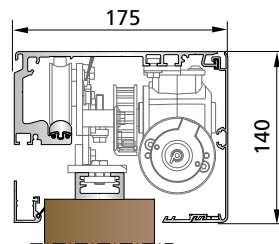
SL 45-T - thermally insulated (PST)  
With side panel and support profile



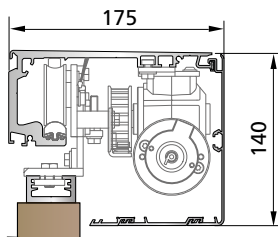
SL 45-S - leaf by others with connection  
profile, door leaf width up to 50 mm



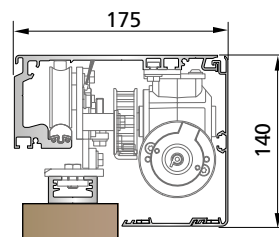
SL 45-S - leaf by others with connection  
profile  
Door leaf width 50 - 90 mm



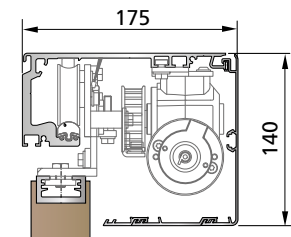
SL 45-S - leaf supplied by others  
Door leaf width up to 50 mm



SL 45-S - leaf supplied by others  
Door leaf width 50 - 90 mm

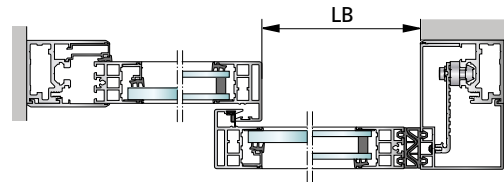
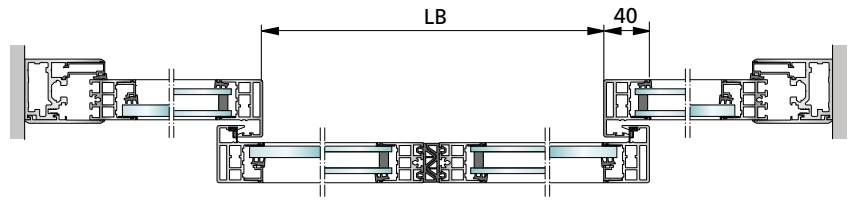


SL 45-S - leaf supplied by others  
Door leaf width 44 mm



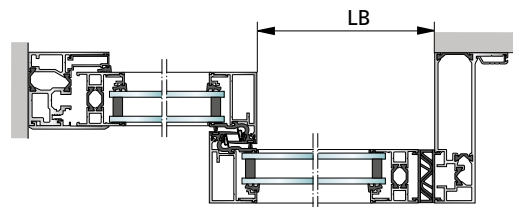
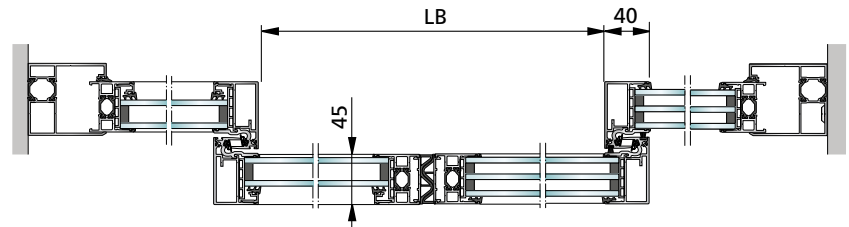
### Standard profile system (PSXP)

- Single-leaf and bi-parting sliding doors
- With side door panel, protection leaf
- Full length bottom rail, with or without drainage / fixed point guide
- Emergency-exit function (redundant)
- RC2 / RC3 break-in prevention design
- Certified overall system (EN 16361)
- Vertical interlocking
- 6 - 24 mm glass



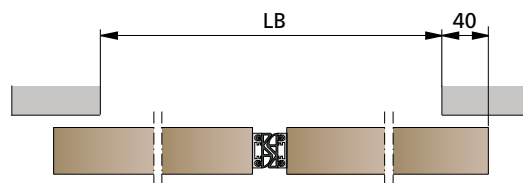
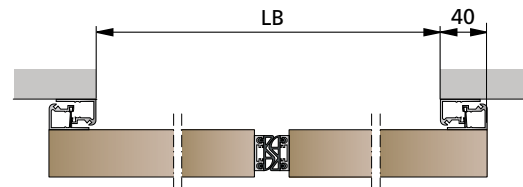
### Thermally insulated profile system (PST)

- Single-leaf and bi-parting sliding doors
- High-level thermal insulation / low „U“ value
- With side door panel, protection leaf
- Full length bottom rail, with or without drainage / fixed point guide
- Emergency-exit function (redundant)
- Certified overall system (EN 16361)
- RC2 / RC3 break-in prevention design
- 24 - 38 mm glass, double- or triple-glazed



### Leaves supplied by others

- Single-leaf and bi-parting sliding doors
- With connection profile and central sealing
- Full length bottom rail / fixed point guide
- Emergency-exit function (redundant)



# Gilgen SL 45 – a powerful performance

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## Simple, reliable and functional - SL 45

- 240 kg per sliding door leaf (Telescopic 2 x 170 kg, 4 x 120 kg)
- The perfect addition to the SL 35
- Clear width 3000 mm / clear height 3000 mm
- Mains supply 100-240 VAC (+10%/-15%), 50/60 Hz
- Max. door leaf speed 0.8 m/s (adjustable)
- Hold-open time, day 0-60 s
- Protection type IP23
- Ambient temperature -15 ... +50 °C
- Redundancy conforms to Performance Level „d“ in accordance with EN 13849-1



## Low-noise design with optimised running carriage configuration

- Running carriage designed to match performance
- Damped carrying roller system for quiet operation and particularly heavy weight door leaves
- Easy adjustment of counter-pressure roller
- Easy door leaf adjustment



## Automatic opening combines convenience with personal safety

- Integrated CAN-bus sensors guarantee maximum personal safety and reliable functioning of the door
- Compatible with sensors supplied by others
- Emergency-exit function conforming to EN 16005 / DIN 18650



## Safety and security – this future-oriented system offers security, while protecting property and preventing break-ins

- Overall solutions tested to EN 16005 standards, with emergency-exit (redundant)
- Break-in prevention functions (RC2 / RC3)
- Secure manual unlocking mechanism (inside and outside)



## Control Panel – simple and intuitive

- Easy-to-use touchscreen display
- AUTOMATIC-OPEN-EXIT-NIGHT-MANUAL-reduced opening
- Information on the operating state

