

SLIDING DOOR DRIVE UNIT

SL 15



Modular. Efficient. Digital.

- Single-leaf and bi-parting sliding doors
- Two- and four-leaf telescopic sliding doors
- With side panel, glazed overhead panel and protection leaf
- PSF, PSA, PSXP, PST profile systems and leaves supplied by others
- Modern gearless motor technology for a smooth running
- Intuitive operation with Gilgen Connect Control Panel and Gilgen Connect Mobile
- Remote maintenance function with Gilgen Connect IoT
- TÜV-tested for conformity with corresponding standards (e.g. EN 16005, DIN 18650)

Digital – for a networked future

Our drive system is not only advanced, but also seamlessly networked with the Gilgen Connect Cloud, our door management system. This interaction enables a high level of transparency as well as an efficient maintenance. With Gilgen Connect Mobile, our intuitive smartphone app, commissioning, maintenance and operation of the door are simple and straightforward.

Modular – the modular system for all buildings

The SL 15 drive mechanism is compatible with all profile systems from Monador Automatic Door Systems. This means that all applications can be realised, from low-profile interior doors to thermally insulated exterior doors. The SL 15 is designed for ceiling, lintel and jamb mounting and can also be integrated into self-supporting constructions.

Efficient – from installation to service

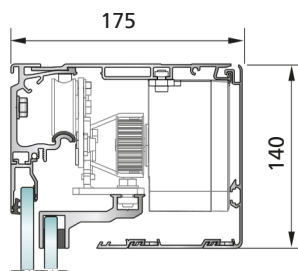
The SL 15 consists of newly developed drive, control and locking components. Its harmonised design ensures easy handling during installation and servicing. Thanks to the gearless and brushless motor, the system presents an extremely smooth and low-noise running, which significantly reduces the maintenance requirements.

Profile systems and installation variants

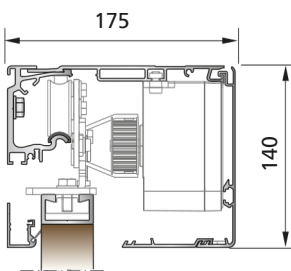
The SL 15 drive system is compatible with our profile systems and fits into any metal construction concept.

Door leaf and installation variants	Profile systems				Leaves supplied by others
	PSF	PSA	PSXP	PST	
Without side panel, without support profile	x	x	x	x	x
Without side panel, with support profile		x	x		
With side panel, without support profile	x				
With side panel, without support profile, with spacer block 6 mm		x	x		
With side panel, with support profile		x	x	x	

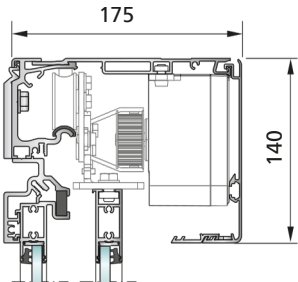
All glass (PSF)



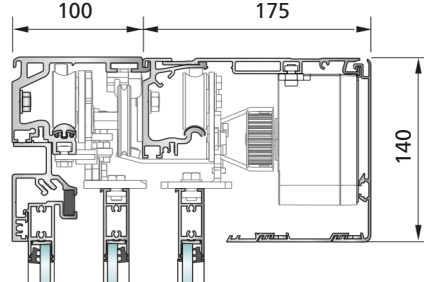
Leaf supplied by others



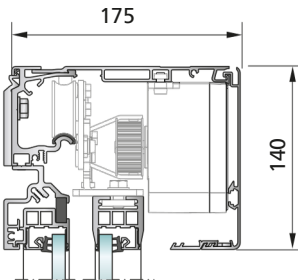
Low-profile frame (PSA)



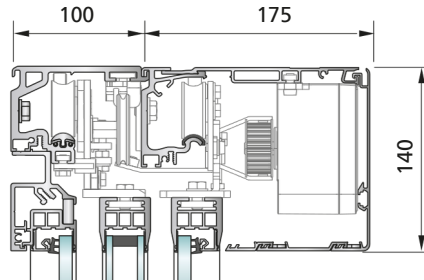
Telescopic - low-profile frame(PSA)



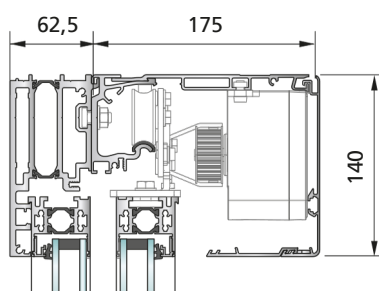
Standard (PSXP)



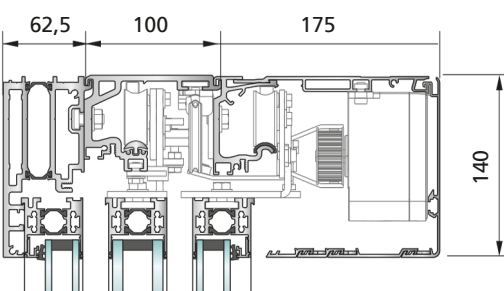
Telescopic - standard (PSXP)



Thermally insulated (PST)

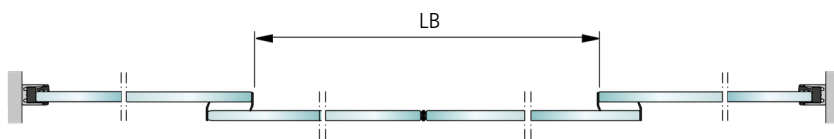


Telescopic - thermally insulated (PST)



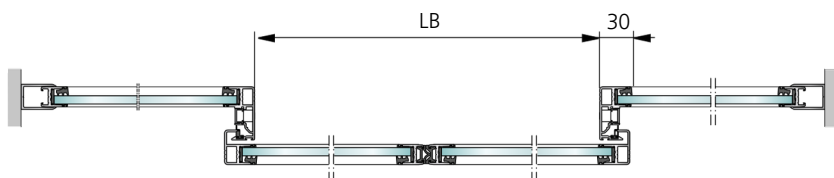
All glass profile system (PSF)

- Single-leaf and bi-parting sliding doors
- With side panel, protection leaf
- Full length bottom rail or fixed point guide



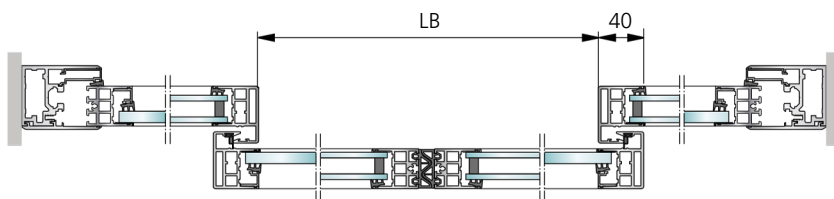
Low-profile frame system (PSA)

- Single-leaf and bi-parting sliding doors
- Two- and four-leaf telescopic sliding doors
- With side panel, protection leaf
- Full length bottom rail or fixed point guide



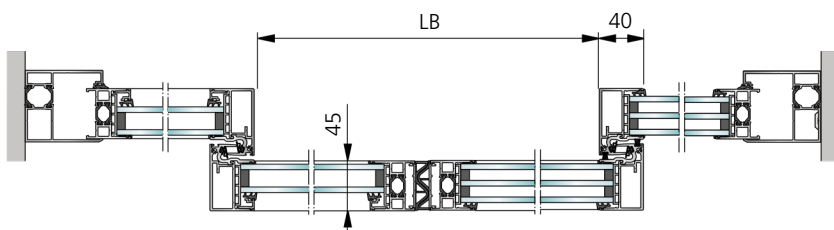
Standard profile system (PSXP)

- Single-leaf and bi-parting sliding doors
- Two- and four-leaf telescopic sliding doors
- With side panel, protection leaf
- Full length bottom rail, with or without drainage / fixed point guide
- Certified overall system (EN 16361)



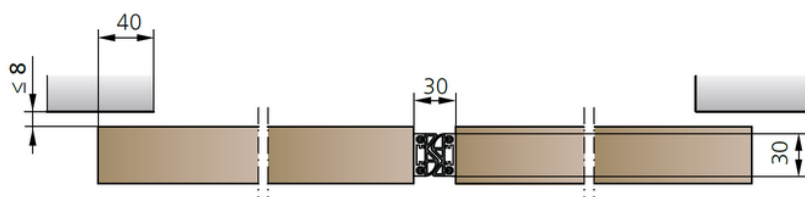
Thermally insulated profile system (PST)

- Single-leaf and bi-parting sliding doors
- Two- and four-leaf telescopic sliding doors
- High-level thermal insulation / low „U“ value
- With side panel, protection leaf
- Full length bottom rail, with or without drainage / fixed point guide
- Certified overall system (EN 16361)



Leaves supplied by others

- Single-leaf and bi-parting sliding doors



The SL 15 drive – smart and flexible

Power supply

- Operating voltage: 115 VAC or 230 VAC
- Including a replaceable energy storage device for uninterrupted operation in the event of a power failure

Modern powertrain

- Gearless motor technology for a smooth running
- Wear-free and durable thanks to the brushless motor (BLDC)

Secure locking of the running carriage

- Available in three versions:
 - Standard: maintains the locking status independently of the power supply
 - Fail Safe: unlocking in de-energised state
 - Fail Secure: locking in de-energised state

Efficient installation and maintenance

- Component profile for an efficient pre-assembly
- Optimised components for quick installation
- Designed for accessibility and ease of maintenance
- Time savings of 25% during assembly

Control system

- The opening and closing speed and hold-open time can be set directly on the control unit
- Configurable inputs and outputs for customised applications

Operation with the Gilgen Connect Control Panel

- Simple switching of the operating mode
- Display of the current operating mode
- Status display via LED

Commissioning with Gilgen Connect Mobile

- Parametrisation of the door with a smartphone (iPhone or Android)
- Flexible workflow thanks to wireless access
- Wizard for intuitive commissioning
- Save a parameter file as a backup on the smartphone and Gilgen Connect Cloud
- Parametrisation can be applied to various doors

Separate track and component profile

- Easy assembly of the track profile on the lintel
- Simple pre-assembly of the drive components

Options for countless applications

- Compatible with all Gilgen manual unlockings
- Supports Break-out / Break-in profile systems
- Emergency opening in accordance with the French decree CO 48
- Return unit with integrated stopping brake, for use in accordance with CO 48 or as a Fail Safe locking

Technical data

Application

Max. door leaf weight	Single-leaf: 120 kg Bi-parting: 2 x 120 kg Two-leaf telescopic: 2 x 60 kg Four-leaf telescopic: 4 x 60 kg	
Opening and closing speed	0.1...0.6 m/s, adjustable	
Hold-open time (adjustable time until the door closes)	Normal:	0...45 s
	After KEY command:	0...180 s
Operating modes:	AUTOMATIC ONE WAY (locked) OPEN NIGHT MANUAL	
Reduced opening	Adjustable between 10 and 100 % of the clear width	

Electrical characteristics

Operating voltage	115 VAC, 50/60 Hz
	230 VAC, 50/60 Hz
Control voltage	24 VDC
Power consumption	96 W

Ambient conditions

Ambient temperature	-15 to +50°C
Protection rating	IP23

Functions

Opening command	With sensor system inside and outside (depending on operating mode) With KEY command With configurable inputs
Inputs	Stop Unlocking and opening Opening if unlocked Closing and locking Selection of the operating mode Reduced opening Door leaf monitoring (Break-out / Break-in)
Outputs	Gong control or error output Control of electromagnetic brake

CLIMATIZATION

The process of adjusting the temperature, humidity, cleanliness and air movement of a closed environment according to human health and comfort is called air conditioning. We know that our automatic door models, which combine advanced technology with research on human behavior and building environment, will contribute to sustainable and healthy buildings. With smart sensors, adaptive operating modes and connectivity, we can ensure that every building makes a difference and contributes to the future of green buildings.



EXPERIENCE AND KNOWLEDGE

Monador Automatic Door Systems Trade Inc. is the leading organisation that laid the foundations of the sector. With this understanding, we are proud to continue to provide the service of automatic sliding, magnetic sliding, revolving, security system doors, which we have been implementing in Turkey and the Middle East since 1988. As a result of the experience and knowledge we have gained, with our professional teams, we provide 24/7 service to our customers after sales or after assembly. Our products with superior technological equipment are provided to provide trouble-free service.

SERVICE & MAINTENANCE SUPPORT

Our periodic maintenance packages are **Platinum**, **Gold** and **Silver** presented in three categories.

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