

# HERMETIC SLIDING DOOR PSH PROFILE SYSTEM

Gilgen Door Systems is an internationally oriented enterprise. Our success depends on quality and performance, and has done so ever since 1961. Our core competence extends to automatic doors, gates and sliding wall systems. Gilgen Door Systems also deals with the development, detailed planning and implementation of drive mechanisms and traffic-flow systems for pedestrian- and traffic-management purposes. Our efficient service department maintains all drive and product systems.



The Gilgen PSH hermetically sealed profile system is ideal for use in areas where hygiene and other sensitive environmental considerations are a priority.

- Ideal for use in such places as operating theatres, treatment rooms and laboratories, and in the pharmaceutical sector and food industry in general
- Single leaf sliding doors
- Controlled hygiene
- Very tight seal
- Contact-free control
- Efficient and user-friendly
- The system of aluminium profiles permits a wide range of door leaf configurations
  - Leaf configuration - e.g. sandwich panel (with artificial-resin or stainless steel finish)
  - Framed, all glass configuration with insulating glass
- Sandwich panel with flush-fitted window (glass insert)
- Fixed point guide
- Locking drive mechanism option
- The patented swivelling/lowering mechanism and all-round seals prevent unwanted exchanges of air and the penetration of foreign objects
- With single- and double-frame configuration to match the current building structure
- Drive mechanism in round-edged aluminium casing
- The drive mechanism, door leaf finish and seals are all resistant to the standard cleaning agents used in the health sector
- Overall system certification - with air permeability conforming to EN 12207 (Class 4 / Class D) and EN 16361 (Class PPD2)
- TÜV-tested for conformity with corresponding specifications and standards (e.g. EN 16005, DIN 18650)

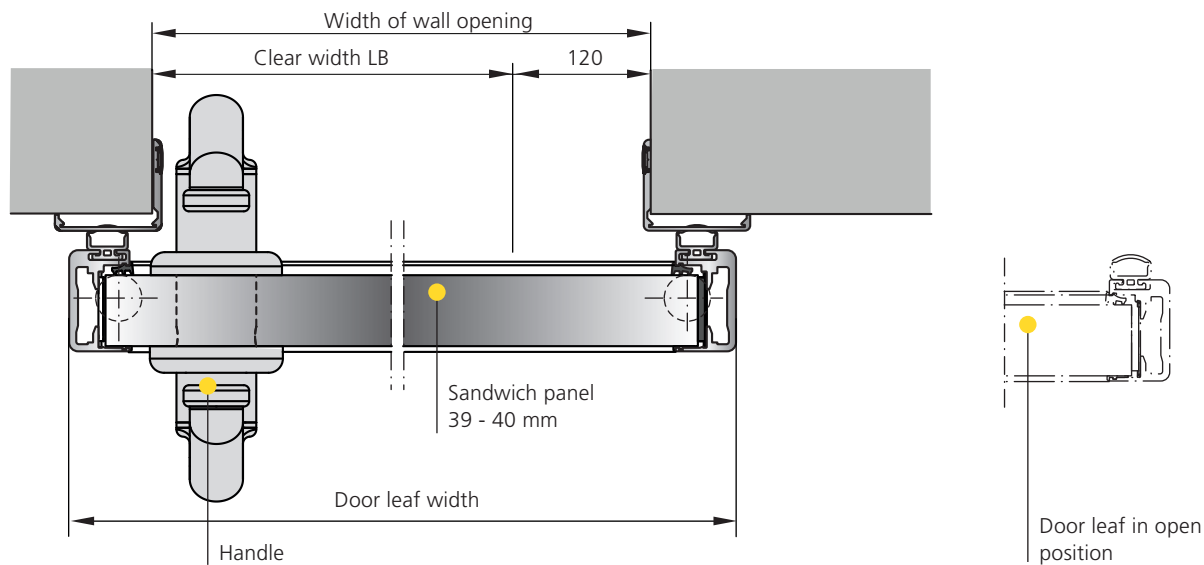
## Range of applications with SLX-D drive mechanism

Width of wall opening	920 -1900 mm
Clear width (LB)	800 - 1780 mm
Clear width Configuration without handle	920 - 1900 mm
Height of wall opening	2000 - 2400 mm
Width of sliding leaf	1015 - 1995 mm
Height of sliding leaf	2039 - 2439 mm
Weight of door leaf	Standard max. 150 kg BOOSTER max. 200 kg

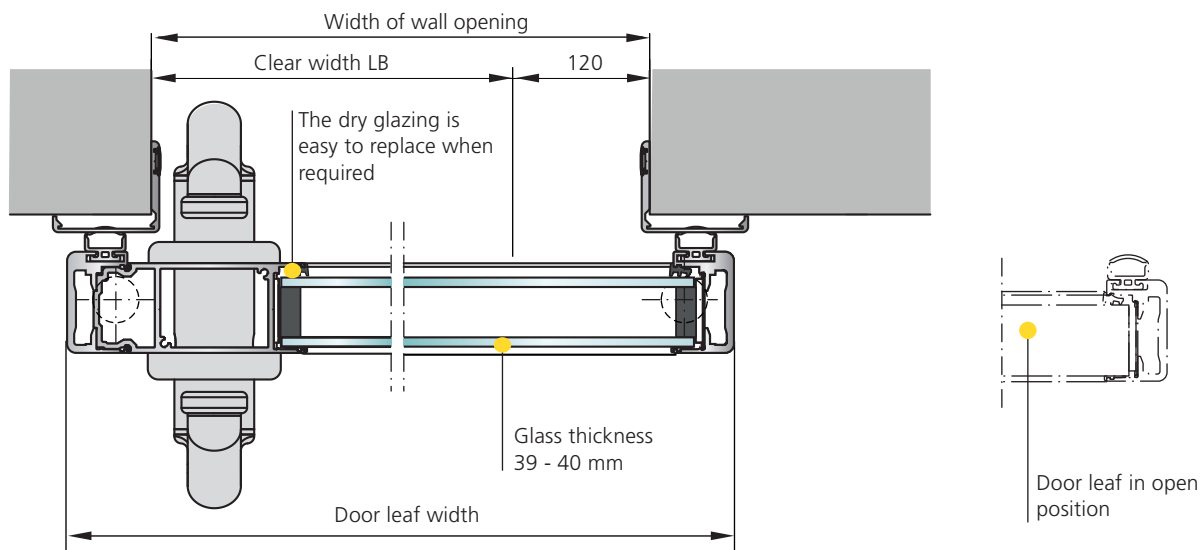
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# Possible configurations

## Door leaf with sandwich panel



## Glazed door-leaf (insulating glass)



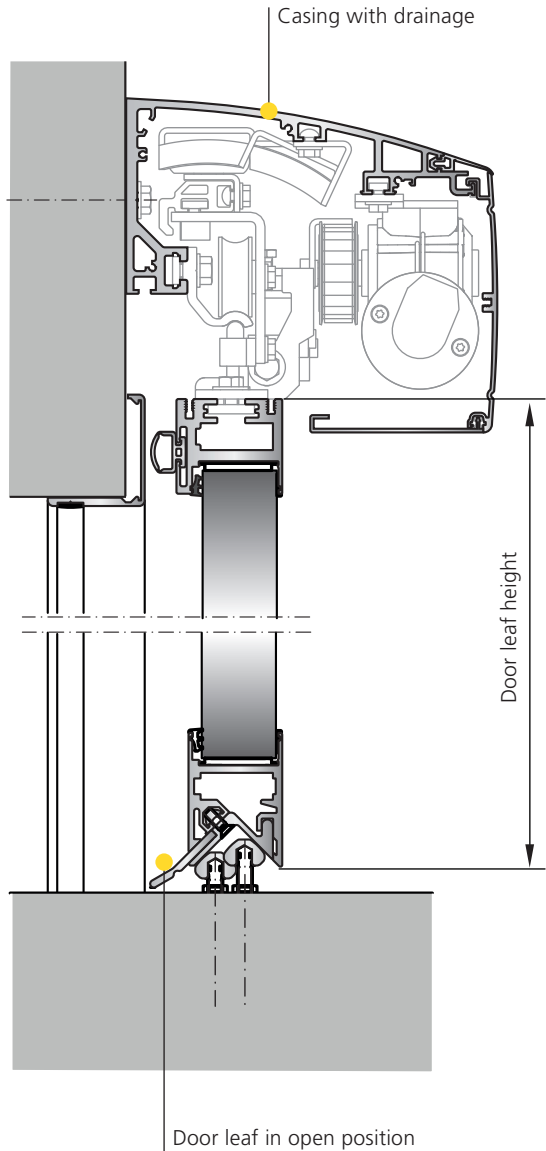
## Handle



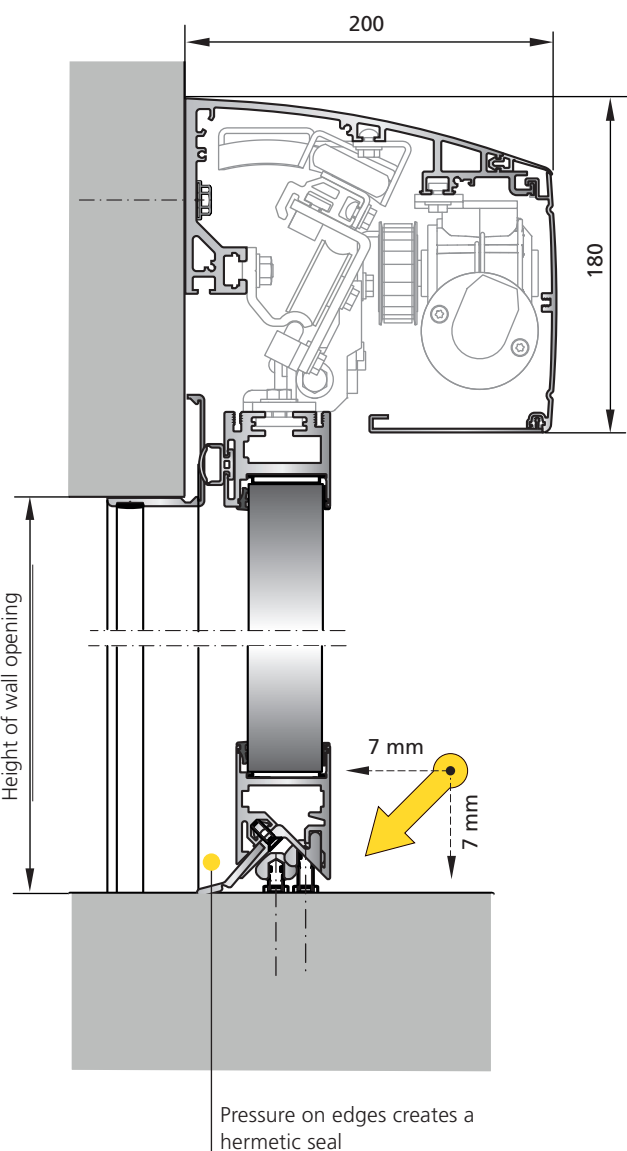
**Manual door opening**  
The handle allows you to open the door easily even if there are differences in pressure.

The door leaf configuration without handle allows the door to be opened completely.

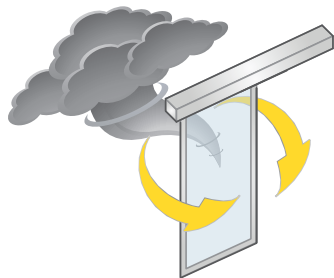
## Door opened



## Door closed with lowered leaf



## Air permeability



- EN 12207: class 4 / class D
  - EN 16361: class PPD 2
- Depending on configuration size:  
Values for single leaf configuration / leaf 1469 mm wide x 2133 mm high