ulti group

Proccess Doors

Product Brochure

ULTIGROUP.CO.NZ

Utility Room Hinged Door

Not only freezer rooms and chiller rooms require solid doors in food industry plants. Standard hygiene doors must also be be able to withstand harsh conditions as well as be long-lasting. Our hygiene doors are individually designed so that both the frame and the door leaf fit exactly in the door opening that they are to be installed in.

There are multiple solutions available for door frames, door panels and optional equipment.

Door Leaf

They can be made of stainless steel, zinc coated galvanized steel or painted in any color. We offer them as half-frame or inside frame construction. The filling is always a highly compressed polyurethane foam that provides exceptional rigidity and lightness. All reinforcements inside the door leaves are made of stainless steel. Thickness of the door is 40mm or 50mm (2 wing doors)

Frames

They can be made of stainless steel, or galvanized steel painted in any color. As a standard we use angular frames, however for special applications, block frames or other constructions may be utilised. Optionally we offer panel or wall covers and special corner profiles to finish the back side of the door openings.

Hinges

Depending on the weight of the door leaf we use two or three stainless steel hinges. As a standard we use straight hinges but optionally we can use up-down tightening hinges. Inside frame doors use hinges with no visible screws on the outside.

Locks

Stainless steel handle and lock in round rosette as a standard. Optionally, other types of door handles, anti-panic locks, roller locks, electric lock and other solutions can be tailored to your needs.

Seal

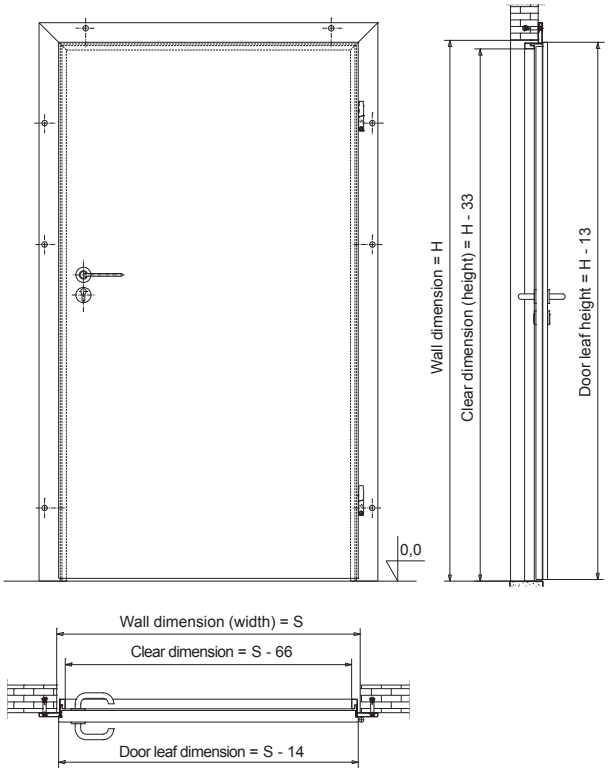
Pressed seal EPDM, rubber, black. Optional white silicone gasket.

Optional Equipment

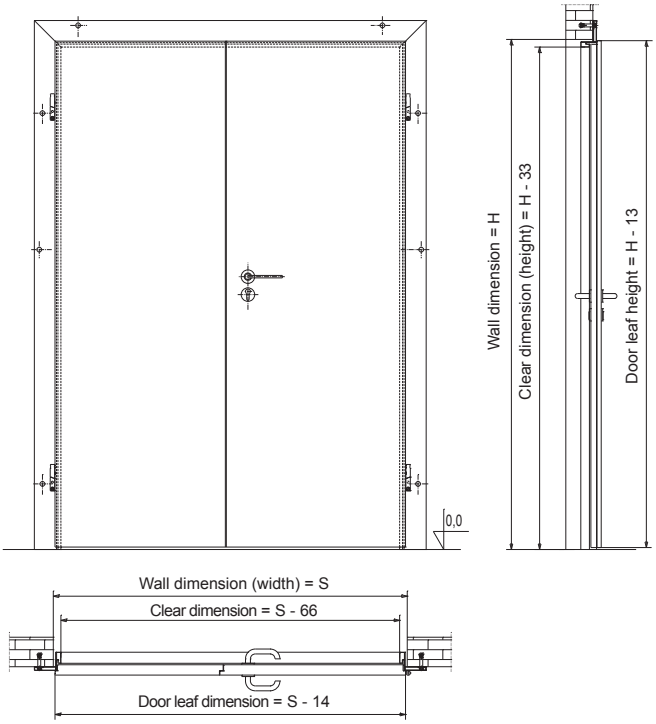
- Angular hinges
- door niche cover, full frame
- door bumpers made of PE
- ventilation grate
- electrolock
- threshold
- self closer
- automatic drive
- painting in chosen RAL colour (one side or both sides)
- glazing (plexi glass in rubber gasket, safety glass in a stainless steel frame, “Pharma” - a window without frame both sides flush with the surface of the door leaf).

Assembly Dimensions

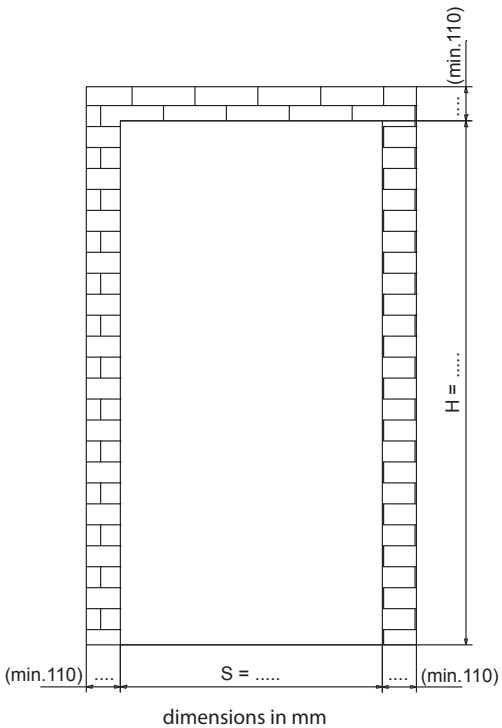
Single leaf hinged utility doors, corner frame



Double leaf hinged utility doors, corner frame



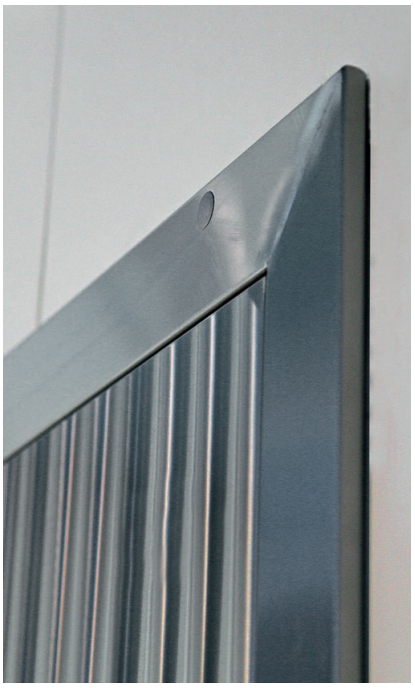
Assembly Space

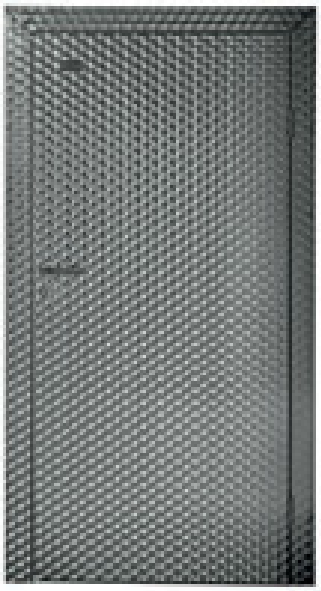


dimensions in mm

Hinged Utility Room Door

Inside Frame Construction

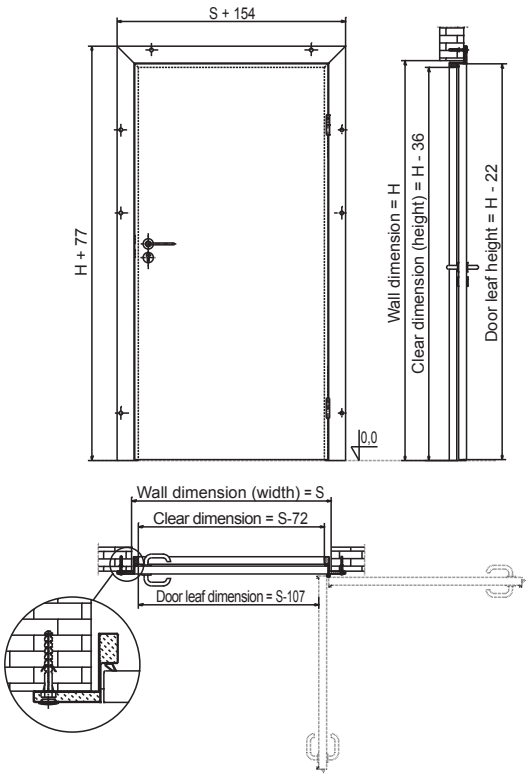




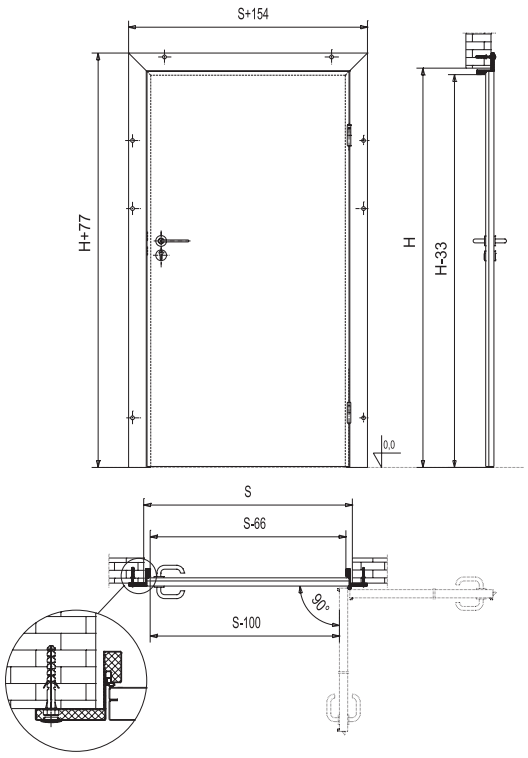
Optional antipanic lever

Assembly Dimensions

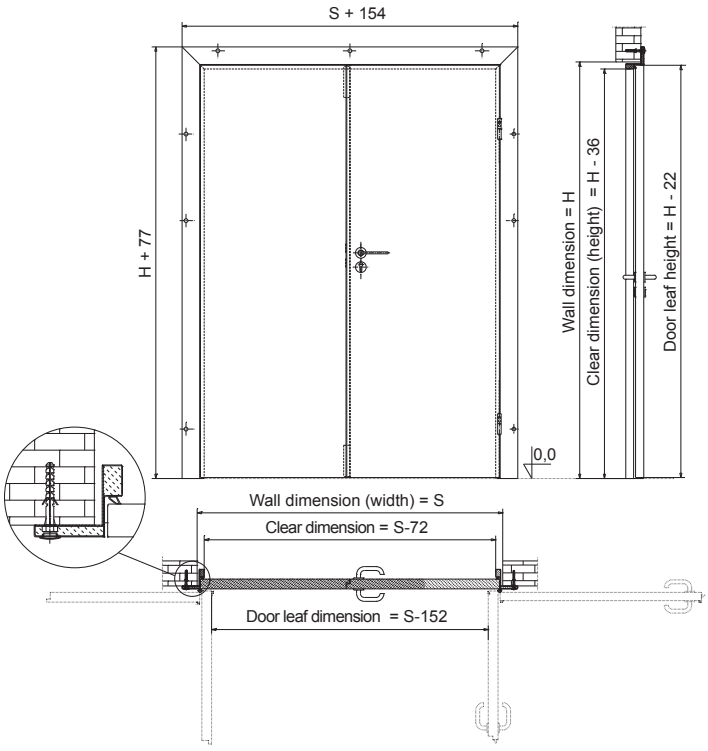
Hinged utility room doors – inside frame construction with gasket on the door leaf



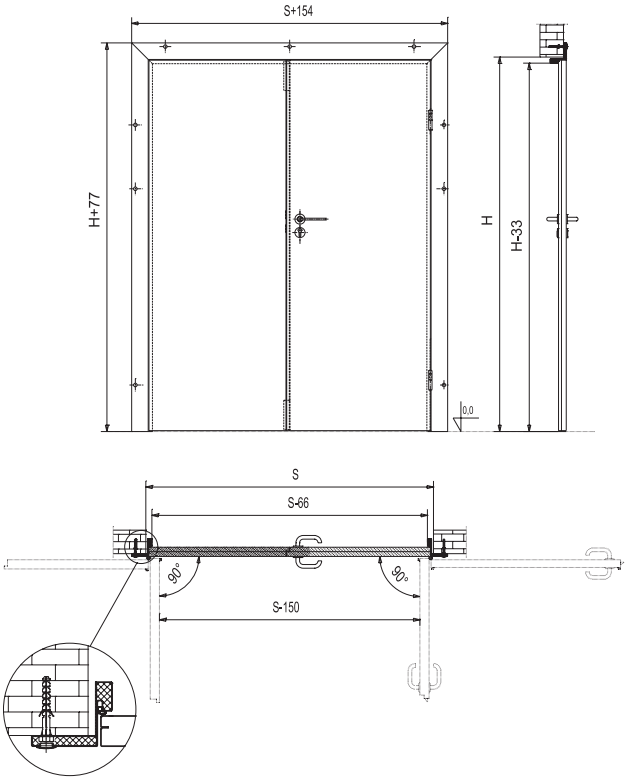
Hinged utility room doors – inside frame construction with gasket in the frame



Double leaf hinged utility room doors – inside frame construction with gasket on the door leaf



Double leaf hinged utility room doors – inside frame construction with gakset in the frame



	SINGLE LEAF DOOR		DOUBLE LEAF DOOR	
	ON FRAME CONSTR PZ1/P	INSIDE FRAME CONSTR PZ1/BP	ON FRAME CONSTR PZ2/P	INSIDE FRAME CONSTR PZ2/BP
Application	As external doors or in ambient warehouses			
Leaf Thickness	42mm	42mm	50mm	50mm
MATERIAL				
Stainless Steel	*	*	*	*
Galvanized Painted/Powder Painted/Mix*	*	*	*	*
SURFACE VARIANTS				
Stainless Steel	V2A (1.4301), V4A (1.4401) Smooth, Circle Brushed, Line Brushed, Brushed			
Zinc Coated - Painted	Painted According To RAL Palette Colours			
Zinc Coated - Laminated	Special Foil Laminated Steel - Can Be In Different Colours And Structures			
Zinc Coated - Galvanized	As A Standard – RAL 9002, RAL 9010. Other Colours Under Request			
DOOR FRAMES (MORE INFO ON PAGE 85)				
AF - Angle Frames	S	S	S	S
OS - One Side Frames	*	-	*	-
BL - Block Frame Left	*	*	*	*
BR - Block Frame Right	*	*	*	*
3-S - Block Frame 3 Sides	*	*	*	*
INSTALLATION VARIANTS (MORE INFO ON PAGE 89)				
Full Brick Wall	*	*	*	*
Sandwich Panel	*	*	*	*
Hollow Brick	*	*	*	*
HINGES				
Straight Square Hinges	S	-	S	-
Straight Round Hinges	-	S	-	S
Up-Down Tightening Hinges	O	O	O	O
3 Part Straight Hinge	O	-	O	-
LATCHES				
"U" Type Handle With Round Rosette	S	S	S	S
"U" Type Handle With Rectangle Rosette	O	O	O	O
Roll Lock With "C" Type Handle	O	O	O	O
Anti-Panic Bar	O	O	O	O
ADDITIONAL EQUIPMENT				
Glazing	*	*	*	*
Door Opening Covers	*	*	*	*
PE Door Leaf Bumpers	*	*	*	*
Bottom Stainless Steel Door Leaf Cover	*	*	*	*
Internal Front Reinforcement	*	*	*	*
Threshold	*	*	*	*
Closing Mechanism	*	*	*	*
Silicone Gasket	*	*	*	*

* Mix – stainless steel frame, door leaf painted. Stainless steel door leaf from internal side, painted or galvanized from external side.
** Angle frames can be made only from stainless steel. In case of galvanized steel doors we can use one side galvanized frames. Stainless steel frames can then be used as optional equipment.

General Purpose Architectural Door

The products presented here have been designed in collaboration with customers and architects. The manufacturing process of these custom products which are tailored to individual needs takes into account such parameters as:

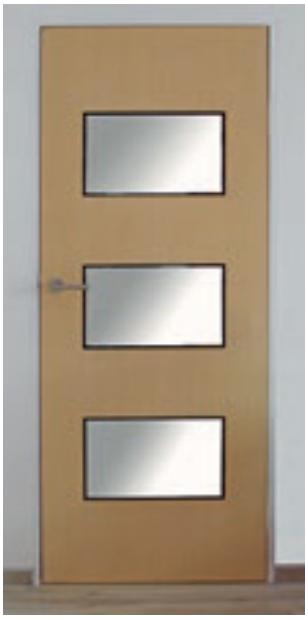
- Dimensions, form and manufacturing methods of door frames
- Types of materials
- Size and type of pharma glazing – aligned with the door panel, easy to keep clean and without dust-collecting edges
- Hinge finishing (sand blasted, brushed)
- Optional bottom seal
- Lock type
- Shape of the handle

White, 3 Glass Panels

- Non-rebated design – door panel aligned with the wall
- Door panel painted metallic white
- 3 pharma glass panels of equal size
- Brushed acid resistant steel door frame
- Brushed steel masking plate on the outside
- Modern brushed acid resistant steel handle
- Bathroom lock
- Straight hinges, concealed (inside the panel and door frame)
- 4 ventilation openings in the door panel

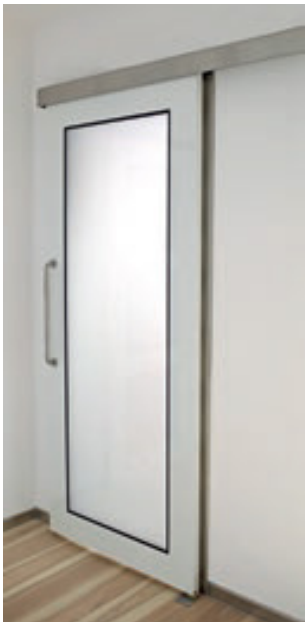
Full White

- Non-rebated design – door panel aligned with the wall
- Door panel painted metallic white
- Brushed acid resistant steel door frame
- Brushed steel masking plate on the outside
- Modern brushed acid resistant steel handle
- Straight hinges, concealed



Wooden

- Non-rebated design – door panel aligned with the wall
- Door panel in wood with veneered and oiled surface
- Painted zinc-coated steel door frame
- 3 pharma glass panels of equal size
- Modern brushed acid resistant steel handle
- Straight hinges, concealed



Sliding, White

- Aluminium sliding system in brushed stainless steel housing
- Door panel painted metallic white
- 1 large pharma glass panel for a brighter interior
- Brushed acid resistant steel door frame
- Modern brushed acid resistant steel handle

Glass, Automated Sliding

- Aluminium sliding system in smooth stainless steel housing
- Elbow switch activation
- Glazed door panel in brushed stainless steel housing
- Brushed acid resistant steel door frame
- Modern brushed acid resistant steel handle

Pink

- Non-rebated design – door panel aligned with the wall,
- Door panel painted in high gloss, in any colour from the NCS palette,
- 3 pharma glass panels of equal size,
- Painted acid resistant steel door frame,
- Modern brushed acid resistant steel handle,
- Bathroom lock,
- Painted acid resistant steel straight hinges.

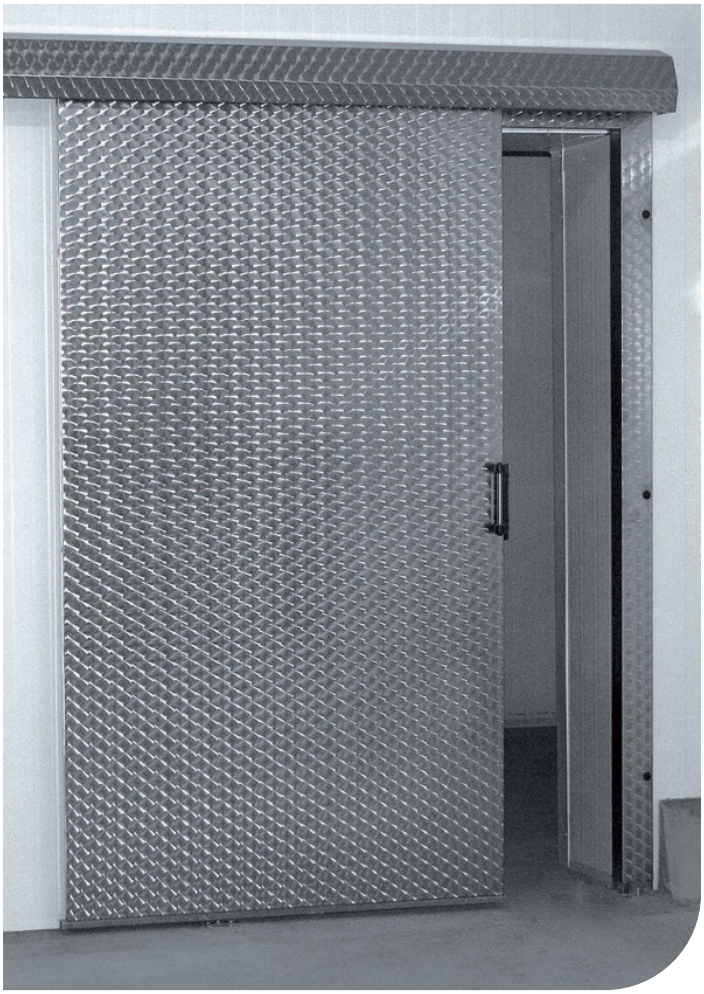
White With Glazing

- Non-rebated design – door panel aligned with the wall,
- Door panel painted metallic white,
- 1 large pharma glass panel for a brighter interior,
- Brushed acid resistant steel door frame,
- Modern brushed acid resistant steel handle,
- Painted acid resistant steel straight hinges.

Fully Glazed

- Non-rebated design – door panel aligned with the wall,
- 10mm tempered glass door panel, sand blasted surface,
- Brushed acid resistant steel door frame,
- System fittings for glass doors with a unique design.

Utility Room Sliding Door



Utility Room Sliding Doors are designed for rooms with temperatures above 5°C. There are multiple frame and door leaf variants available, designed specifically to suit different walls, door openings, available space and customer preferences. Each door is individually designed in order to ensure durability and longevity.

Door Leaf

Can be made of: stainless steel, zinc coated galvanized steel 0.8 mm or 0.75 mm. The thickness of the door panel is 37 mm. As standard, the door is manufactured with hygienic corner welds (stainless steel doors), or hygienicly bended (zinc coated galvanised steel).

All construction elements inside the door leaf are also made from stainless steel which means that our product is produced from the best quality materials.

Frames

As standard, we recommend the strong angle frame to ensure durability and best fit for all types of walls. There is also the option for a more cost effective solution with the overlay one side frame. Depending on the door opening, it is also possible to use block frames or other solutions better suited for other situations. Frames can be manufactured in stainless steel, zinc coated galvanised steel or painted.

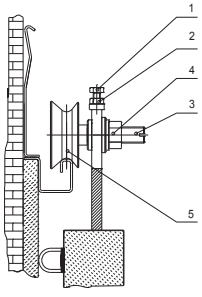
Sliding System 2 Options To Choose

Classical Sliding Rail – Standard system - refined over years of design, made entirely of stainless steel. The classical sliding rail's cover is manufactured in the same material as the door leaf. Polyethylene rollers are specially designed to ensure durability and quiet operation. When closing, the door drops down and tightens against the frame.

Pipe Sliding Rail - Constructed with aesthetic brushed stainless steel pipe and two large, special profile, black PE guide rollers. Due to the special profile of the rollers and the pipe, the door drops down and tightens against the frame as per the Classical Sliding Rail.

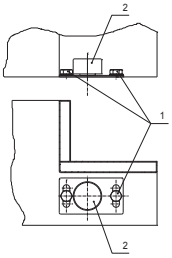
UPPER ROLLER

1. Vertical regulation bolt
2. Lock nut
3. Roller bolt (horizontal regulation)
4. Lock nut
5. Roller



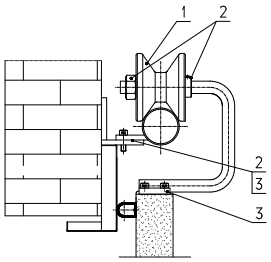
DOWN ROLLER

1. Instalation bolt
2. Down roller of sliding system



UPPER ROLLER

1. Roller
2. Horizontal regulation
3. Vertical regulation

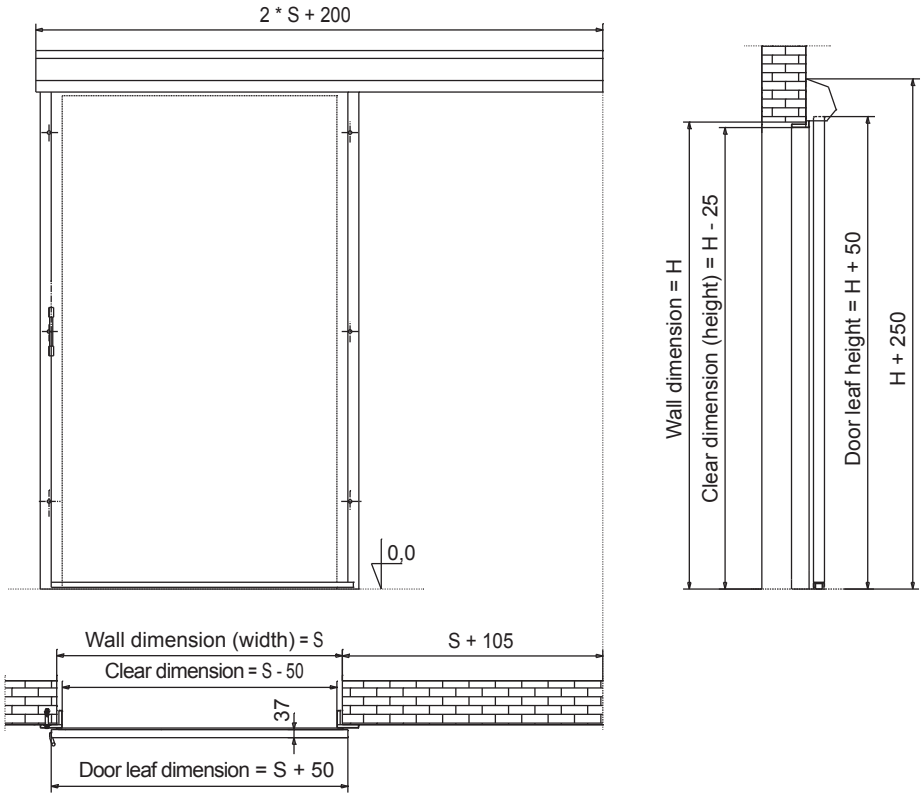


Seal

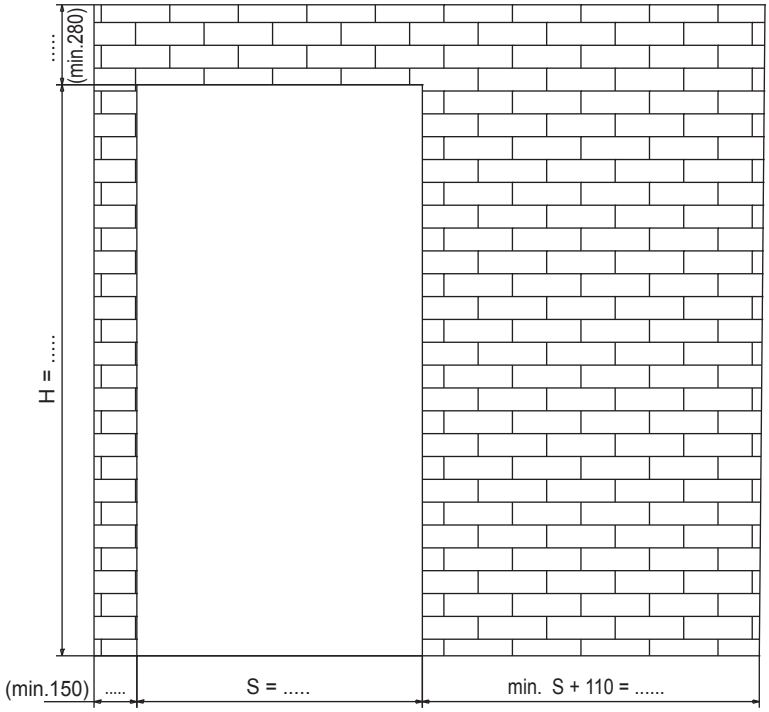
Each door is equiped with special double component gasket installed in special plastic profile. This solution eliminates the thermal bridge of the door leaf and guarantees tightness.

Installation Dimensions

Utility room sliding doors – classical sliding rail, angle frame



Installation Space



	CHP	PP
Application	Cold Rooms, Temp 0-5°C	Utility Rooms, Not Chilled Rooms, Production Areas, Temp 5-15°C
Leaf Thickness	60mm	37mm
SURFACE VARIANTS		
Stainless Steel	V2A (1.4301), V4A (1.4401) Smooth, Circle Brushed, Line Brushed, Brushed	
Zinc Coated - Painted	Painted According To RAL Palette Colours	
Zinc Coated - Laminated	Special Foil Laminated Steel - Can Be In Different Colours and Structures	
Zinc Coated - Galvanized	As a Standard – RAL 9002, RAL 9010. Other colours on request	
DOOR FRAMES (MORE INFO ON PAGE 85)		
AF - Angle Frames	S	S
OS - One Side Frames**	*	*
BL - Block Frame Left	*	*
BR - Block Frame Right	*	*
OP - Wide Frame for Wall with Styrofoam	*	*
ASSEMBLY VARIANTS (MORE INFO ON PAGE 85)		
Full Brick Wall	*	*
Sandwich Panel	*	*
Hollow Brick	*	*
LOCKS		
Lock for Sliding Doors	*	*
Safe Lock	*	*
Double Lock	*	*
Reverse Side Lock	*	*
OPTIONAL EQUIPMENT		
Glazing	*	*
Integrated External-Internal Pusher	-	*
Wall Niche Covers	*	*
Door Leaf Bumpers	*	*
Stainless Steel Pipe Bumpers	*	*
Internal Reinforcement	*	*
Threshold	*	*

* Mix – stainless steel frame, door leaf painted. Stainless steel door leaf from internal side, painted or galvanized from external side.
** Angle frames can be made only from stainless steel. In case of galvanized steel doors we can use one side galvanized frames. Stainless steel frames can then be used as optional equipment.

Hinged Door Under Tubular Track

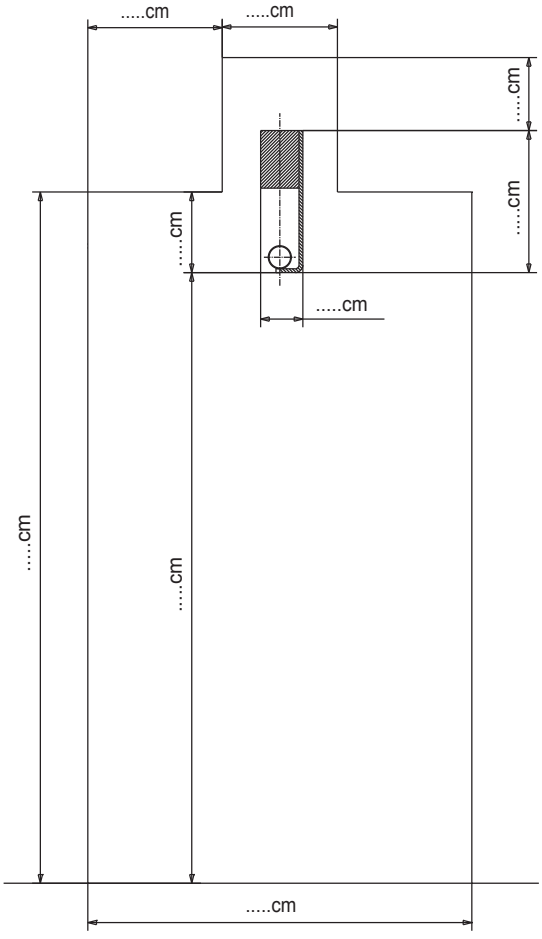
Doors for tubular tracks are designed for the transport lines of carcasses. There are several design solutions that allow the doors to be tightly sealed. These doors can be made as industrial, chiller or freezer doors.

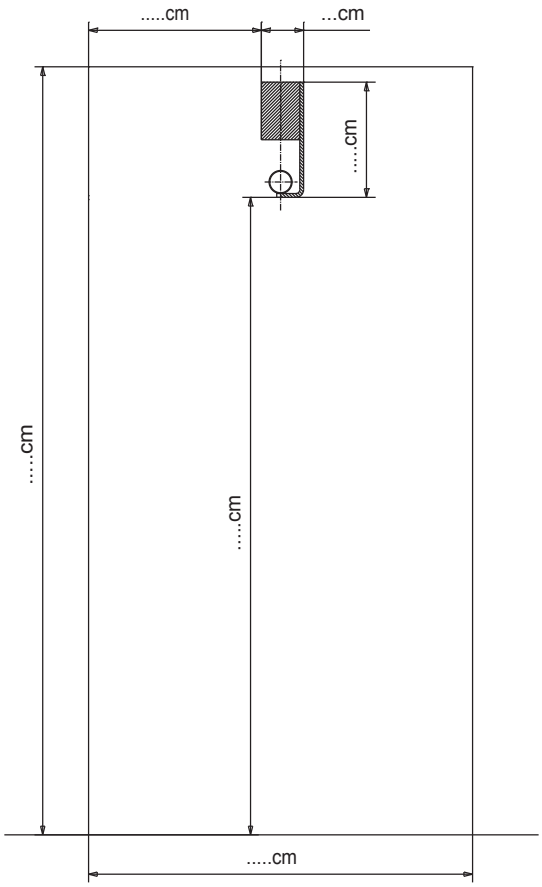
Each door is individually designed and produced for the track construction and for a specific door opening.

They can be produced as single or double leaf doors.

Installation Space

The first step in producing a good door perfectly suited for a space, is accurate measurements. These drawings illustrate the measurement space necessary to define the basic parameters of the door production.





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BL - Block Frame Left	*	*
BR - Block Frame Right	*	*
OP - Wide Frame for Wall with Styrofoam	*	*
ASSEMBLY VARIANTS (MORE INFO ON PAGE 85)		
Full Brick Wall	*	*
Sandwich Panel	*	*
Hollow Brick	*	*
LOCKS		
Lock for Sliding Doors	*	*
Safe Lock	*	*
Double Lock	*	*
Reverse Side Lock	*	*
OPTIONAL EQUIPMENT		
Glazing	*	*
Integrated External-Internal Pusher	-	*
Wall Niche Covers	*	*
Door Leaf Bumpers	*	*
Stainless Steel Pipe Bumpers	*	*
Internal Reinforcement	*	*
Threshold	*	*

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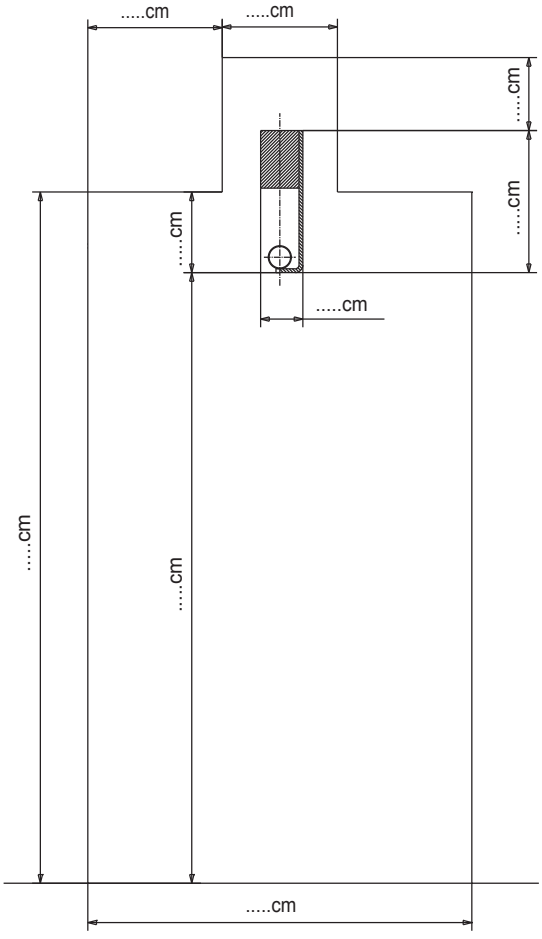
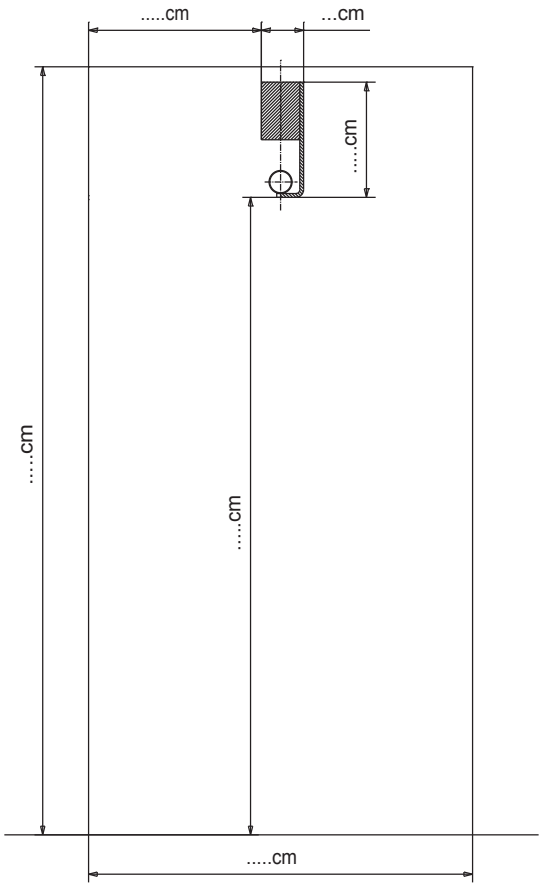




Sliding Door For Tubular Track

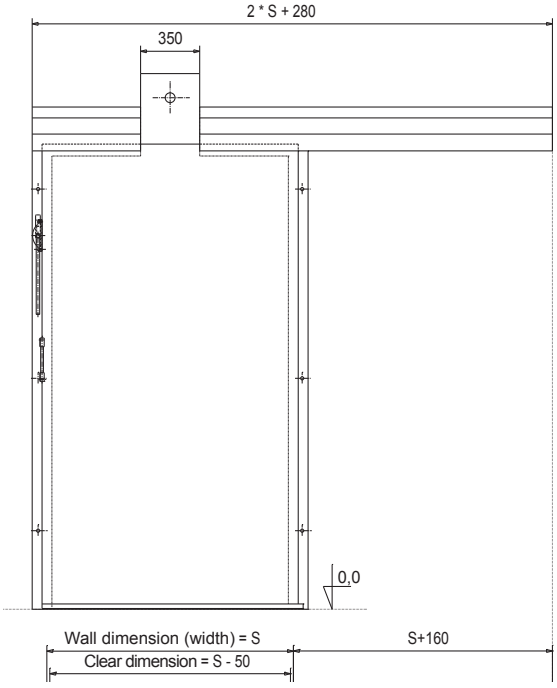
Sliding doors for tubular tracks are individually designed and produced for the track construction and for a specific door opening. These doors can be made as industrial, chiller or freezer doors.

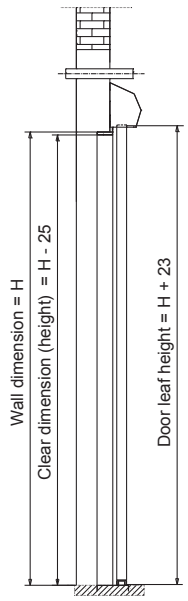
Sliding System Variants

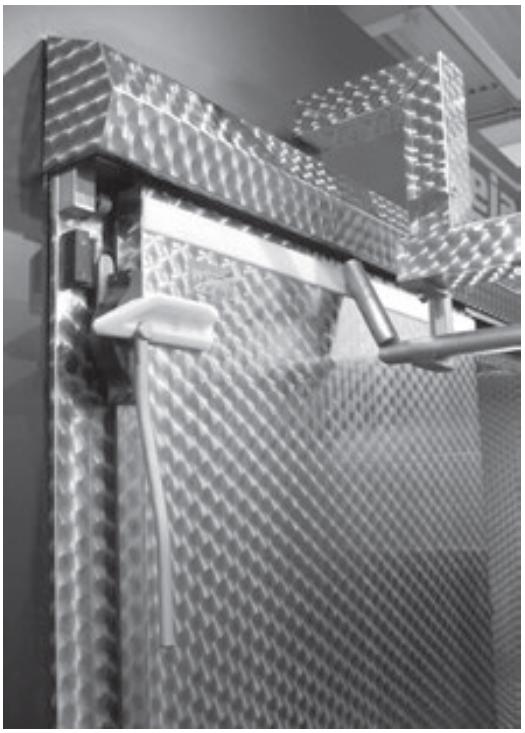
We recommend three design solutions:

- Door with sliding rail divided into two parts, door works on 3 rolls
- Door with sliding rail above tubular track construction
- Door with classical sliding rail and lift track system

Assembly Dimensions







	HINGED		SLIDING
	ON FRAME TKZ/P	INSIDE FRAME TKZ/BP	TKP/P
Application	Rooms With Tubular Track Rail		
Leaf Thickness	60mm	80mm	60mm
MATERIAL			
Stainless Steel	V2A (1.4301), V4A (1.4401) Smooth, Circle Brushed, Line Brushed, Brushed		
Zinc Coated Galvanized	Painted According To RAL Palette Colours		
Zinc Coated - Painted	Special Foil Laminated Steel - Can Be In Different Colours And Structures		
Zinc Coated - Laminated	As A Standard – RAL 9002, RAL 9010. Other Colours on Request		
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OS - One Side Frames**	*	–	*
BL - Block Frame Left	*	*	*
BR - Block Frame Right	*	*	*
3-S - Block Frame 3 Sides	*	*	–
INSTALLATION VARIANTS (MORE INFO ON PAGE 85)			
Full Brick Wall	*	*	*
Sandwich Panel	*	*	*
Hollow Brick	*	*	*
HINGES			
Stainless Steel With Cover	*	–	–
Steel With Plastic Cover	*	*	–
LATCHES			
Latch With Stainless Steel Handle Without Lock	*	*	
Latch With Stainless Steel Handle With Lock	*	*	
Latch With Stainless Steel Handle With Safe Lock	*	*	
Reverse Side Latch	*	*	
Lock For Sliding Door			*
OPTIONAL EQUIPMENT			
Glazing	*	*	*
Wall Niche Covers	*	*	*
Door Leaf Bumpers	*	*	*
Stainless Steel Pipe Bumpers	*	*	*
Internal Reinforcement	*	*	*
Threshold	*	*	*

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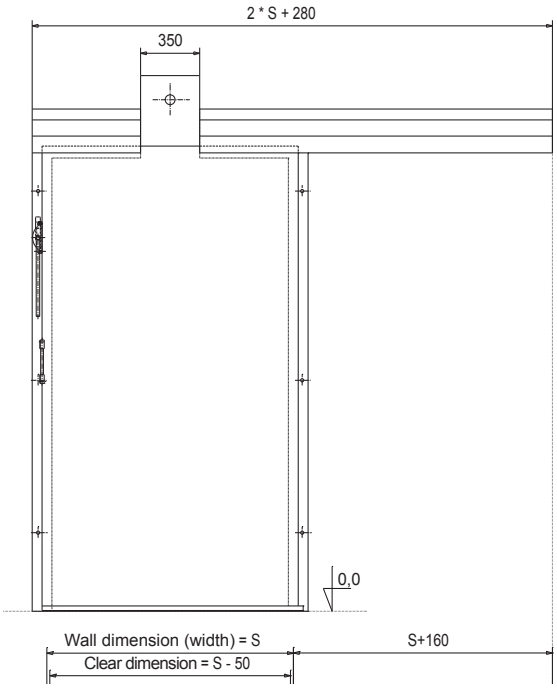
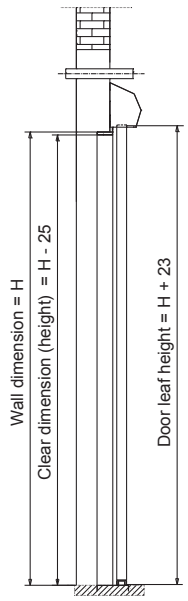
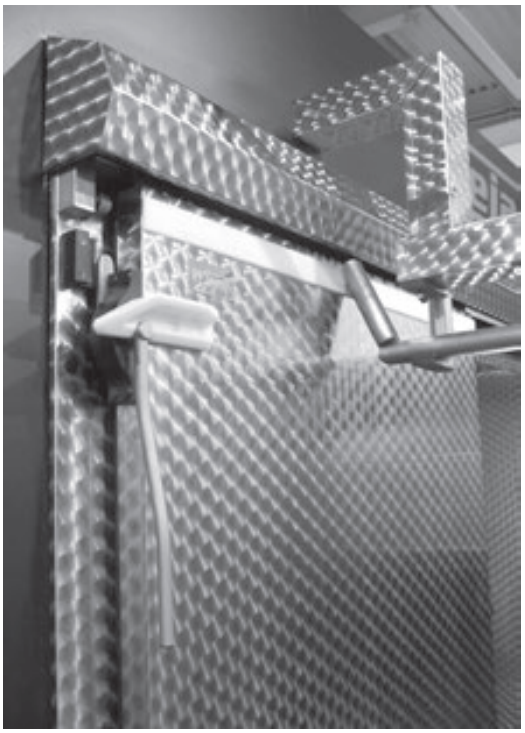






	HINGED		SLIDING
	ON FRAME TKZ/P	INSIDE FRAME TKZ/BP	TKP/P
Application	Rooms With Tubular Track Rail		
Leaf Thickness	60mm	80mm	60mm
MATERIAL			
Stainless Steel	V2A (1.4301), V4A (1.4401) Smooth, Circle Brushed, Line Brushed, Brushed		
Zinc Coated Galvanized	Painted According To RAL Palette Colours		
Zinc Coated - Painted	Special Foil Laminated Steel - Can Be In Different Colours And Structures		
Zinc Coated - Laminated	As A Standard – RAL 9002, RAL 9010. Other Colours on Request		
DOOR FRAMES (MORE INFO ON PAGE 85)			
AF - Angle Frames	*	*	*
OS - One Side Frames**	*	–	*
BL - Block Frame Left	*	*	*
BR - Block Frame Right	*	*	*
3-S - Block Frame 3 Sides	*	*	–
INSTALLATION VARIANTS (MORE INFO ON PAGE 85)			
Full Brick Wall	*	*	*
Sandwich Panel	*	*	*
Hollow Brick	*	*	*
HINGES			
Stainless Steel With Cover	*	–	–
Steel With Plastic Cover	*	*	–
LATCHES			
Latch With Stainless Steel Handle Without Lock	*	*	
Latch With Stainless Steel Handle With Lock	*	*	
Latch With Stainless Steel Handle With Safe Lock	*	*	
Reverse Side Latch	*	*	
Lock For Sliding Door			*
OPTIONAL EQUIPMENT			
Glazing	*	*	*
Wall Niche Covers	*	*	*
Door Leaf Bumpers	*	*	*
Stainless Steel Pipe Bumpers	*	*	*
Internal Reinforcement	*	*	*
Threshold	*	*	*

* Mix – stainless steel frame, door leaf painted. Stainless steel door leaf from internal side, painted or galvanized from external side.
** Angle frames can be made only from stainless steel. In case of galvanized steel doors we can use one side galvanized frames. Stainless steel frames can then be used as optional equipment.

Swing Door

Swing doors are one of the most strained and most frequently damaged elements at food processing sites. Every day they are dynamically pushed by staff or hit with heavy trolleys. This is why we've created doors, hinges and equipment that guarantees durability and longevity.

Stainless Steel Door Leaf

The door panels are 25 mm thick and are filled with polyurethane foam, making them both sturdy and lightweight at the same time. The edges of the door panel are protected with a special gasket to prevent against shutting your hands in the door. The lower portion of the door is protected by a hard section preventing the lower edges from damage. The door panel is equipped with a glass window with black, rubber gasket.

PE Door Leaf

PE door leaves are offered mainly in green or white, although other colours may be requested. Construction elements are 40mm thick, the door leaf is 10mm. All is mounted on our best stainless steel angle frame. As a standard they are equipped with plastic window in rubber frame.

Reinforced Foil Door Leaf

To produce this door, we use only the best foil available on the market. It is strong, 8mm thick and ensures durability and longevity. The top section of the door leaf is hung on a special stainless steel profile.

Hinges

Depending on the parameters of the door panel, two or three solid hinges are installed. All of our hinges have the function STOP, enabling you to jam the door even if they are fully open. All of the hinges are made of stainless materials (polyethylene and stainless steel).

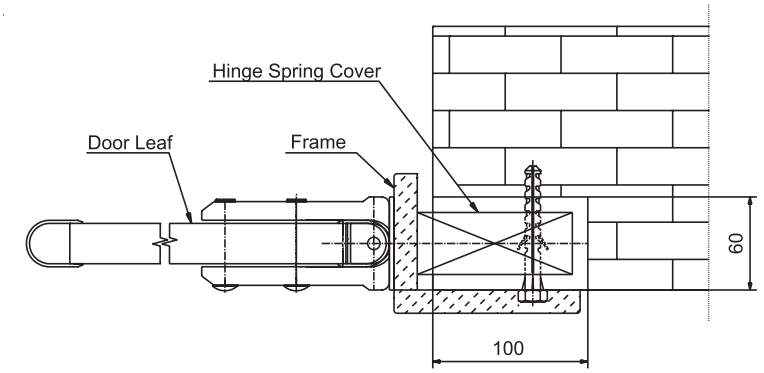
Door Frame

There are several types of door frames to suit all possible conditions. They are all supported by special stainless reinforcements, providing stability and endurance for the whole construction. A standard swing door includes an angular door frame, without the possibility to replace it with a fish-plate door frame. Each door frame is filled with polyurethane foam.

Wall Protectors

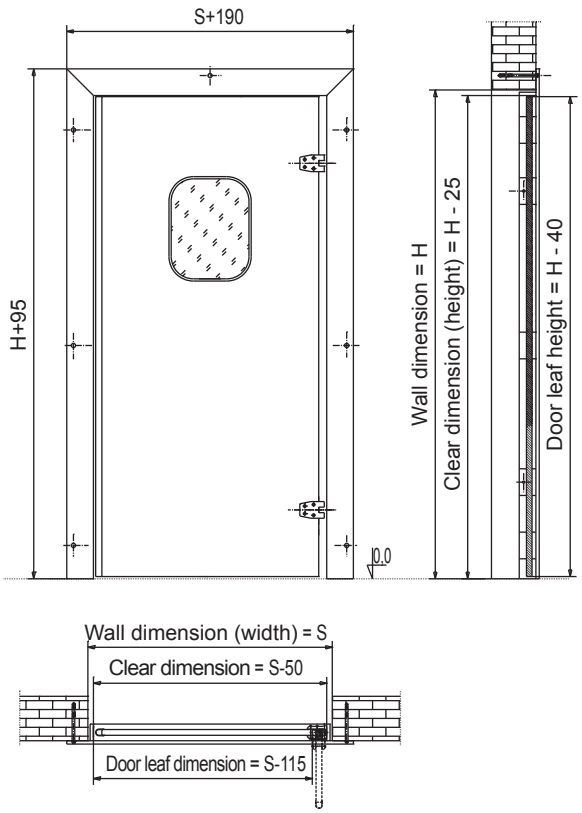
One of the most important elements of the swing doors are wall protectors. We offer a wide range of protectors adapted to the door: from low, 30 cm to double, 80 cm protection. Additionally upper part of the door can be protected by a fish plate.

Angle Frame

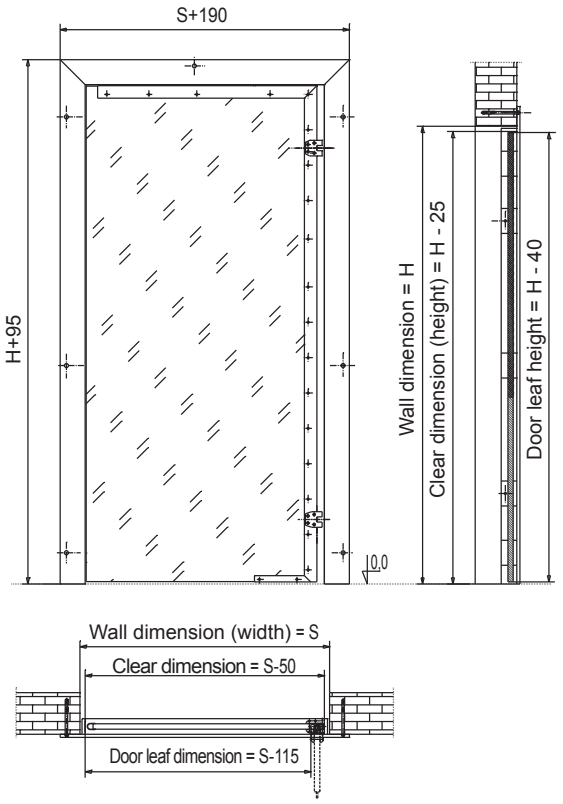


Assembly Dimensions

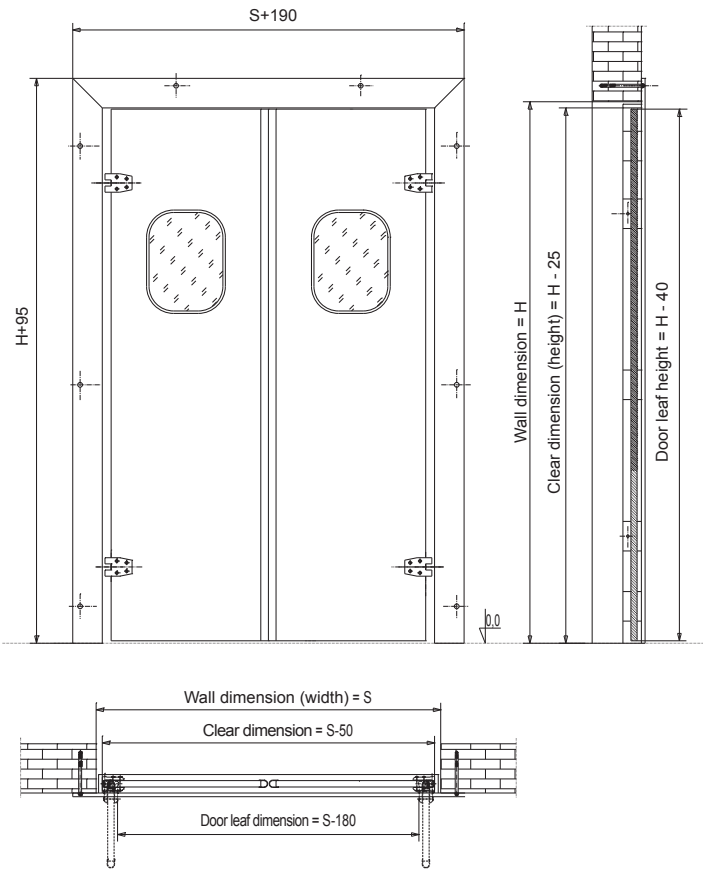
Single leaf swing doors



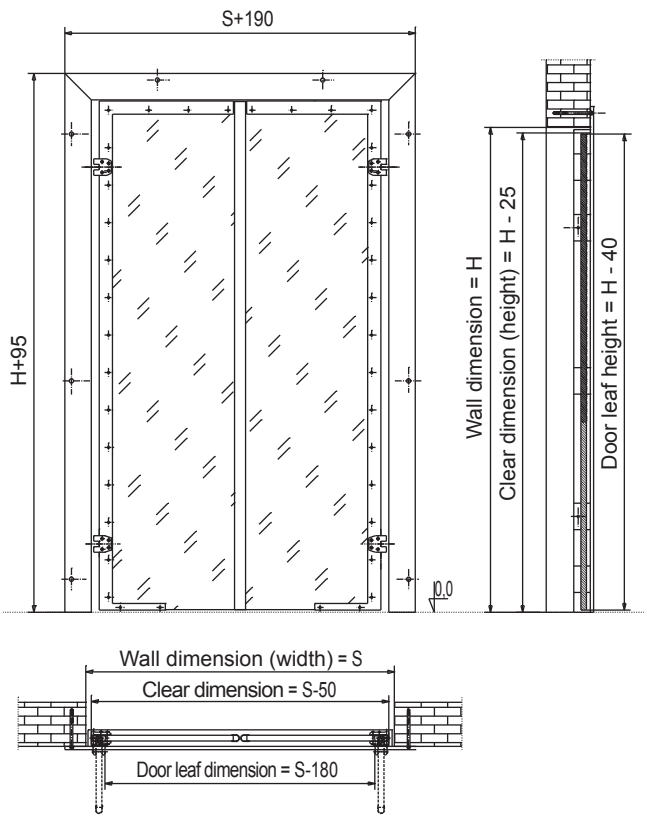
Single leaf reinforced PVC foil swing doors



Double leaf swing doors

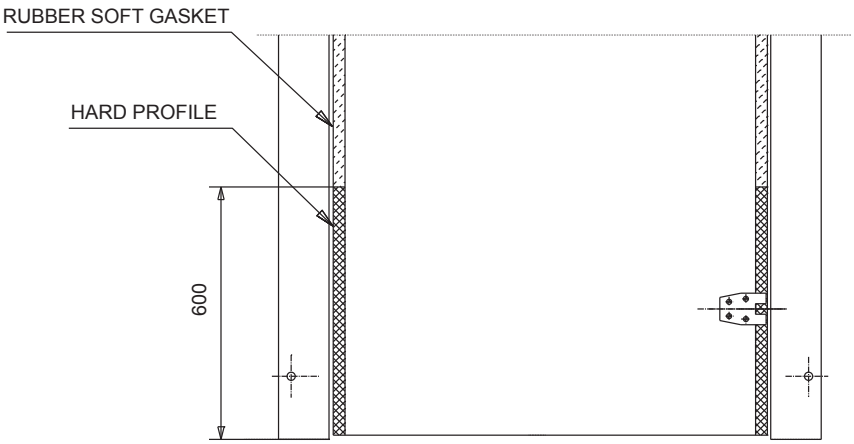


Double leaf reinforced PVC foil swing doors

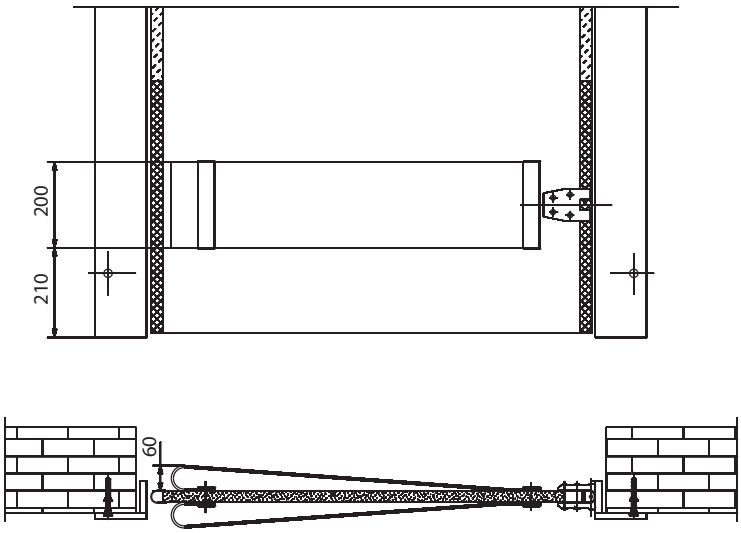


Assembly Dimensions

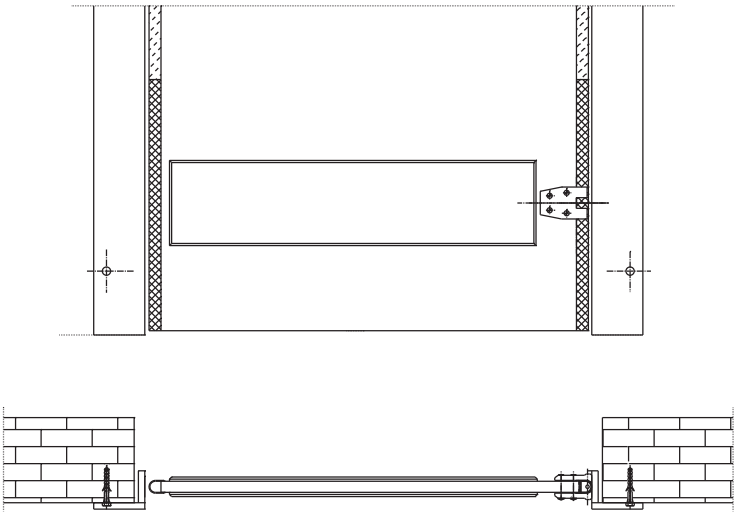
Hard profile



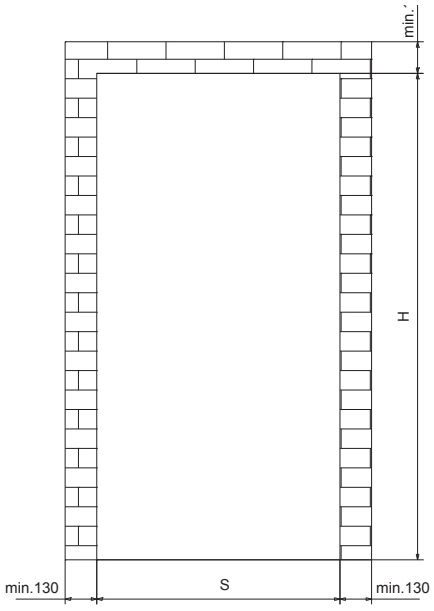
Spring door bumper



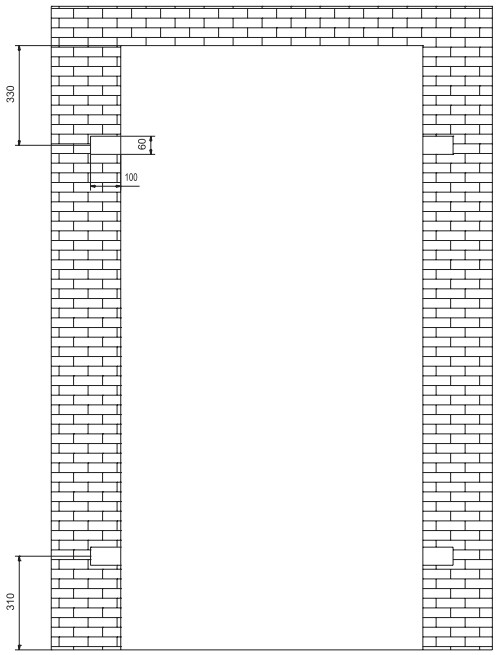
Flat PE door bumper



Assembly Space



dimensions in mm



holes for placing swing door hinges

DOOR TYPE	WA SWING DOOR FROM STEEL	WA-PE SWING DOOR FROM PE	WA-FZ SWING DOOR FROM FOIL	WA-2PE MIXED SWING DOORS
Door Leaf Surface	a. Stainless steel smooth, circle mazerated, line brushed, brushed	PE plate (white, green, other colours for special order)	Reinforced foil	TOP – plexiglass, bottom part – black PE
	b. Zinc coated galvanized steel / plexiglass			Transparent plexiglass
	c. Zinc coated painted steel			
Frame Material Stainless Steel	S (applicable for stainless steel doors)	S	S	S
Frame Material	S (applicable for galvanized steel doors)	O	O	O
Glazing	S	S	– transparent door wing	– transparent upper part of thedoor wing
DOOR FRAME CONSTRUCTION				
One Side Frame	–	–	–	–
Angle Frame	S	S	S	S
Block Frame	O	O	O	O
OPTIONAL EQUIPMENT				
Low 30cm PE Bumpers (White Or Black)	O	O	O	O
High 80cm PE Bumpers (White Or Black)	O	O	O	O
Flat PE Bumpers	O	O	O	O
Side PE Reinforcement	S	–	–	–
Side Rubber Gasket	S	–	–	–
Door Opening Cover	O	O	O	O

Overhead Sectional Door

Our Sectional Doors are a completely different design to others on the market. Each element is made of stainless steel (door panels, rails, hinges, door systems between patches). Top quality sealing (thick, double gasket between 50mm thick door panels filled with pressed PU foam) provide very good insulation properties. Our doors are designed for use in areas with the most severe operating conditions (strong winds of coastal warehouses, high salinity, moisture, strong chemicals).

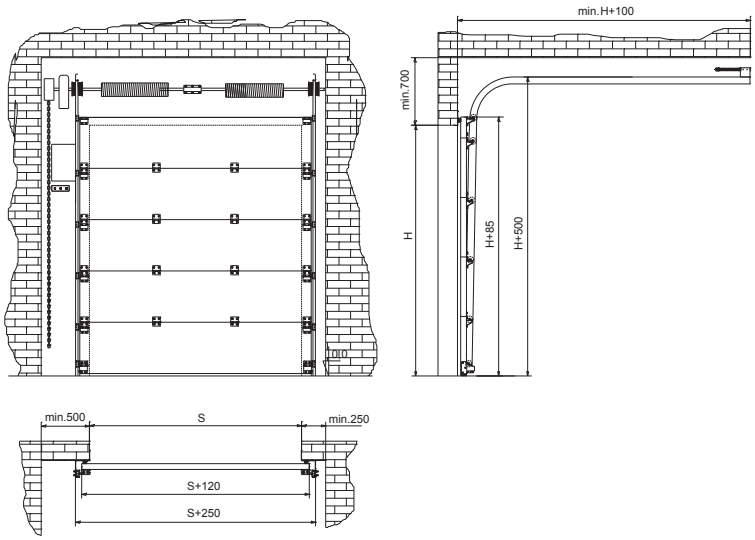
Sealing

Thanks to using double rubber gasket betwen all sections, the doors can be used as typical chiller doors.

Sliding System

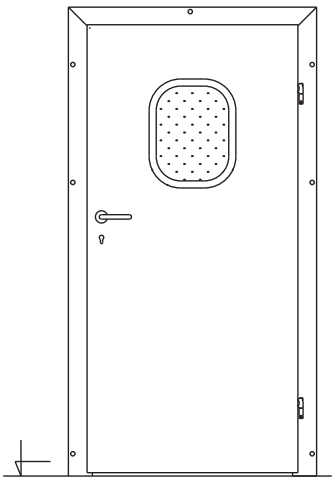
All sliding profiles are made of stainless steel and guarantee durability, even under very difficult conditions. Power springs ensure easy operation even when manually operated. Optionally the doors can be equipped with power drive.

All drive elements (made of zinc coated steel) are covered with stainless steel cover.



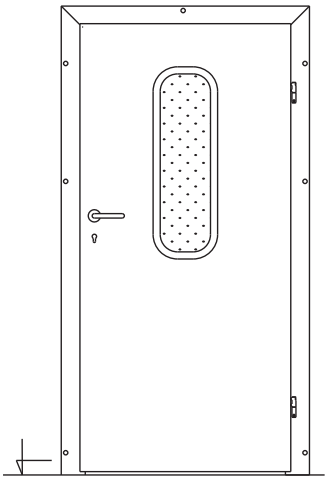
Glazings

Glazings In Rubber Frame - Variants



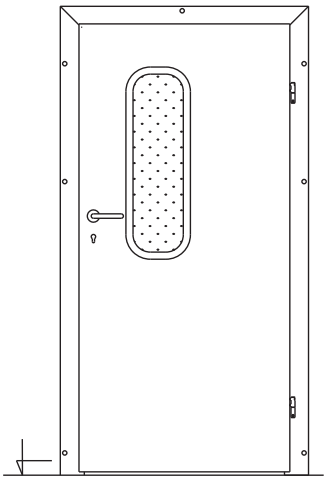
PG1

1. Window PMMA
2. Rubber FRAME
3. Dimension 350x450 mm



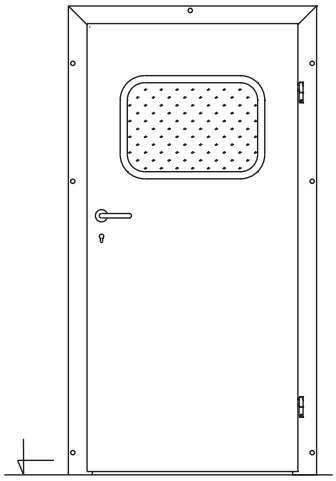
PG2

1. Window PMMA
2. Rubber FRAME
3. Dimension 250x800 mm



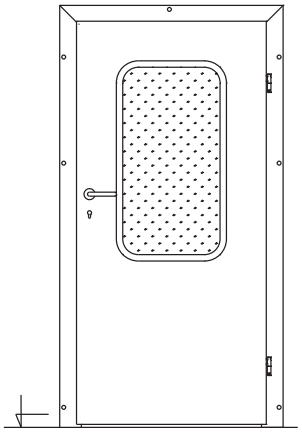
PG3

1. Window PMMA
2. Rubber FRAME
3. Dimension 250x800 mm
4. 4.1/3 – 2/3 – left installation



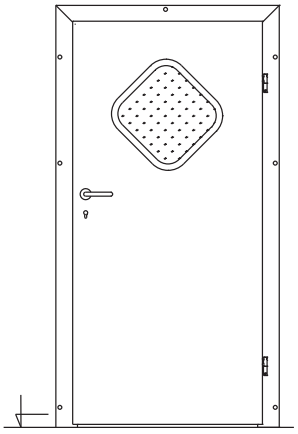
PG4

1. Window PMMA
2. Rubber FRAME
3. Dimension 600x400 mm



PG5

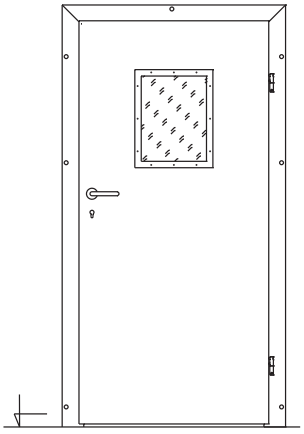
1. Window PMMA
2. Rubber FRAME
3. Dimension 500x1000 mm



PG6

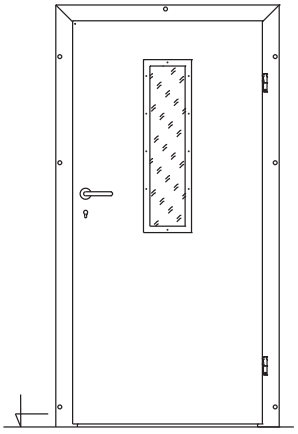
1. Window PMMA
2. Rubber FRAME
3. Dimension 400x400 mm

Glazing in Stainless Steel Frame



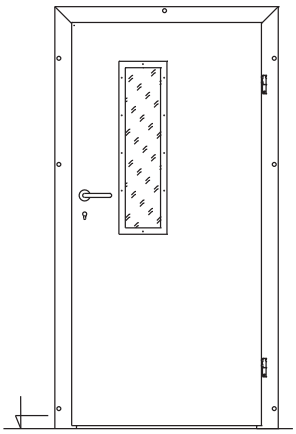
PS1

1. Double glass
2. Stainless steel frame
3. Dimension 350x450 mm



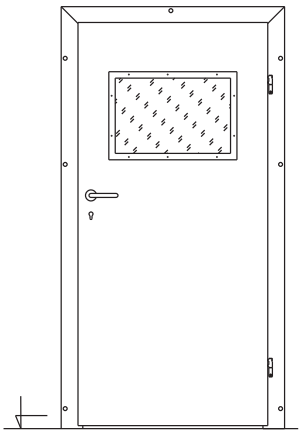
PS2

1. Double glass
2. Stainless steel frame
3. Dimension 200x800 mm



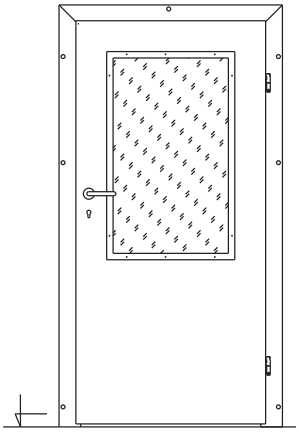
PS3

1. Double glass
2. Stainless steel frame
3. Dimension 200x800 mm
4. 1/3 – 2/3 – left installation



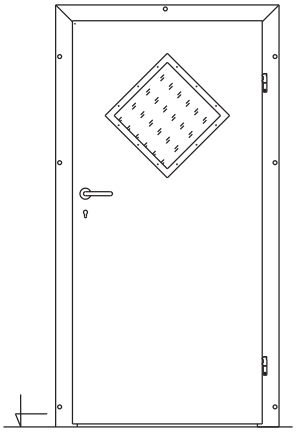
PS4

1. Double glass
2. Stainless steel frame
3. Dimension 600x400 mm



PS5

1. Double glass
2. Stainless steel frame
3. Dimension 600x1000 mm



PS6

1. Double glass
2. Stainless steel frame
3. Dimension 400x400 mm

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