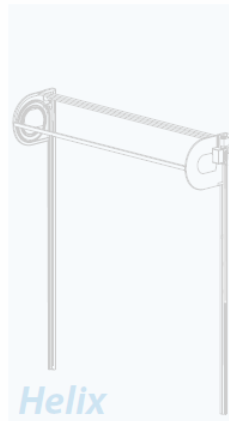
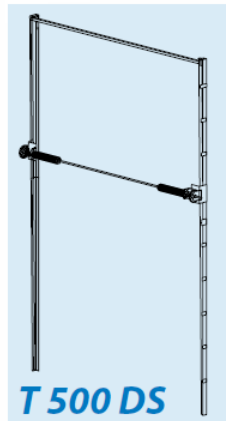
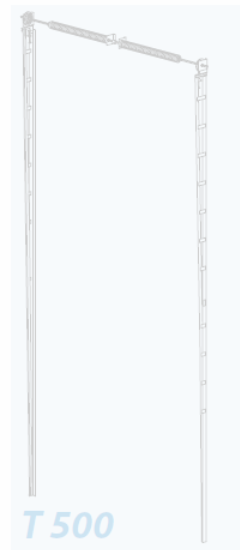
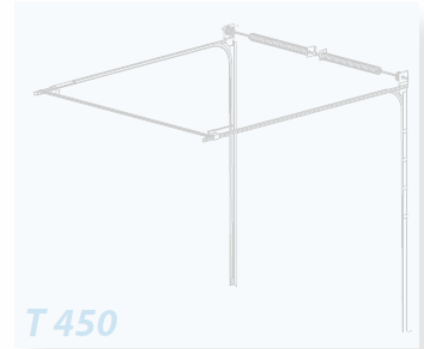
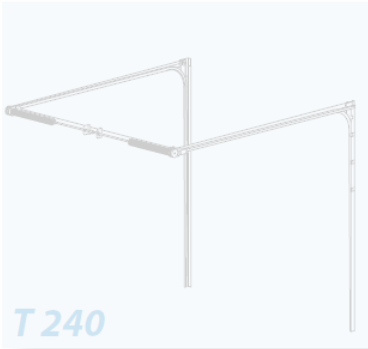


T500DS Track system, dimensions, installation criteria



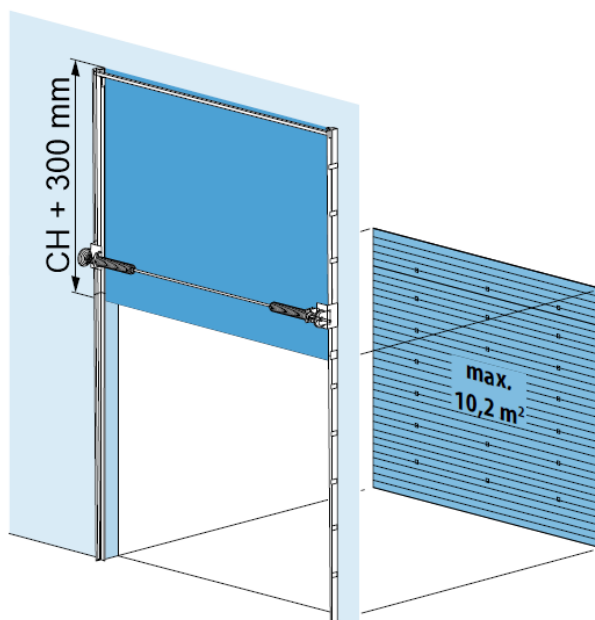
T500DS Track system, dimensions, installation criteria**T500DS Vertical lift track system with low-mounted spring shaft assembly**

- Headroom requirement above the clear opening: lift + 300 mm, where lift is defined as the dimension from the bottom face of the lintel to the bottom face of the horizontal tracks.
- Maximum door leaf area 10.2 m².
- Maximum door width: 3200 mm.
- Lift dimension: 3200 mm.

Contents

General information

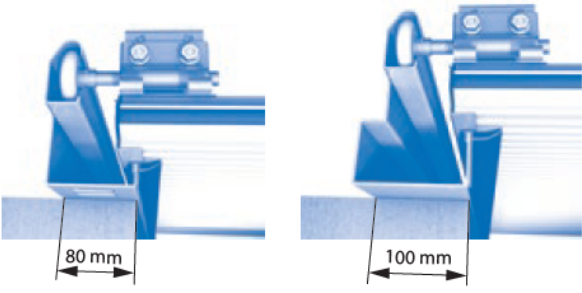
- Mounting surface
- Water stop

1.1 Installation space requirement – vertical tracks**1.2 Installation space requirements – complete track system****1.3 Installation space requirements for installation and operation (emergency chain) - electric drive****1.4 Space requirement for unobstructed door movement, various key dimensions**

Mounting surface

ISO 40 / ISO 60 + ALU 40 / ALU 60

Standard frame (ST) **Heavy-duty frame (ZHK)**

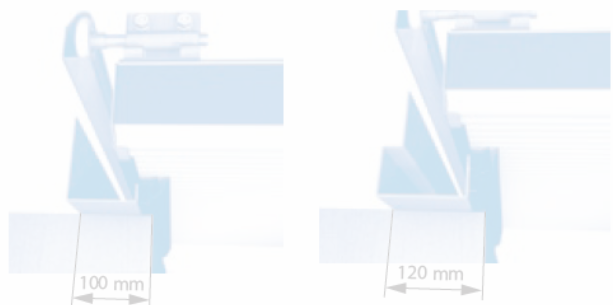


- The mounting surfaces (mounting frame) must be smooth and perfectly flush (if necessary, compensate for irregularities using angle profiles, flat strip, rectangular tube, etc.).
- The mounting surface (mounting frame) must be sufficiently stable in itself, or be securely fixed to the wall/structure of the building.

Mounting surface

ISO 80

Standard frame (ST) **Heavy-duty frame (ZHK)**



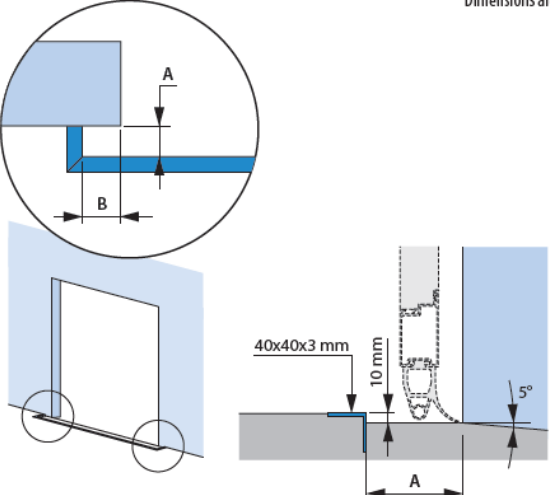
- The mounting surfaces (mounting frame) must be smooth and perfectly flush (if necessary, compensate for irregularities using angle profiles, flat strip, rectangular tube, etc.).
- The mounting surface (mounting frame) must be sufficiently stable in itself, or be securely fixed to the wall/structure of the building.

Water stop

ISO 40 / ISO 60 + ALU 40 / ALU 60

Panel thickness	Standard frame (ST)			Heavy-duty frame (ZHK)		
	40	60	40/60	40	60	40/60
	A			A		
Door without wicket door	120	140	100	145	165	120
Door with wicket door, threshold 22 mm	180	180	100	205	205	120
Door with wicket door, threshold 110 mm	120	140	100	145	165	120
Door with wicket door, threshold 185 mm	120	140	100	145	165	120

Dimensions are in mm.

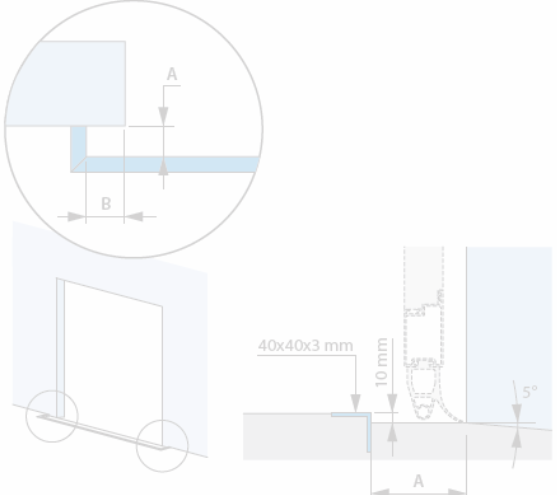


Water stop

ISO 80

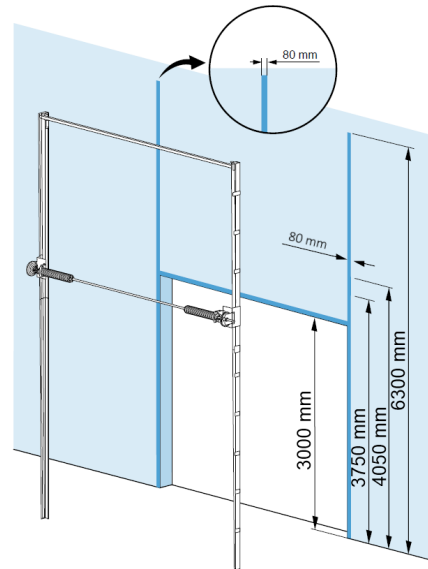
Panel thickness	Standard frame (ST)		Heavy-duty frame (ZHK)	
	80		80	
	A	B	A	B
Door without wicket door	160	120	185	140

Dimensions are in mm.



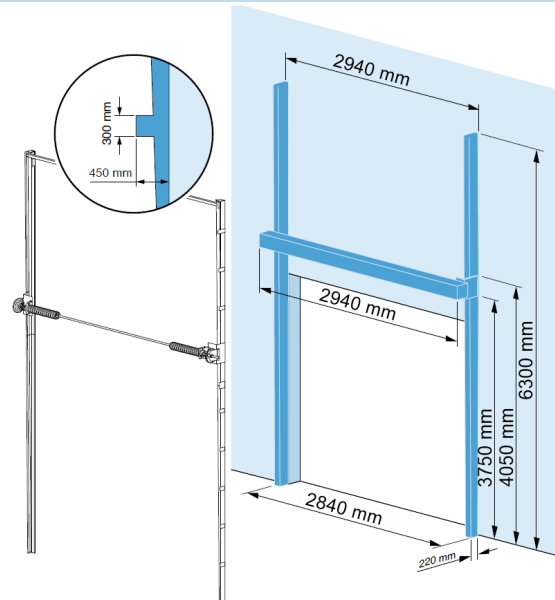
1.1 Installation space requirement – vertical tracks

- Minimum width of the mounting surface (frame) *, see General information page.
- Minimum mounting surface height: $2 \times 3000 + 300 \text{ mm}$.
- A horizontal surface of approx 80 mm high immediately above the clear opening (sealing surface for the top seal) is required. This surface must be smooth and flush with the other mounting surfaces. If a mounting frame is used, the simplest solution is to insert a cross member in this area.



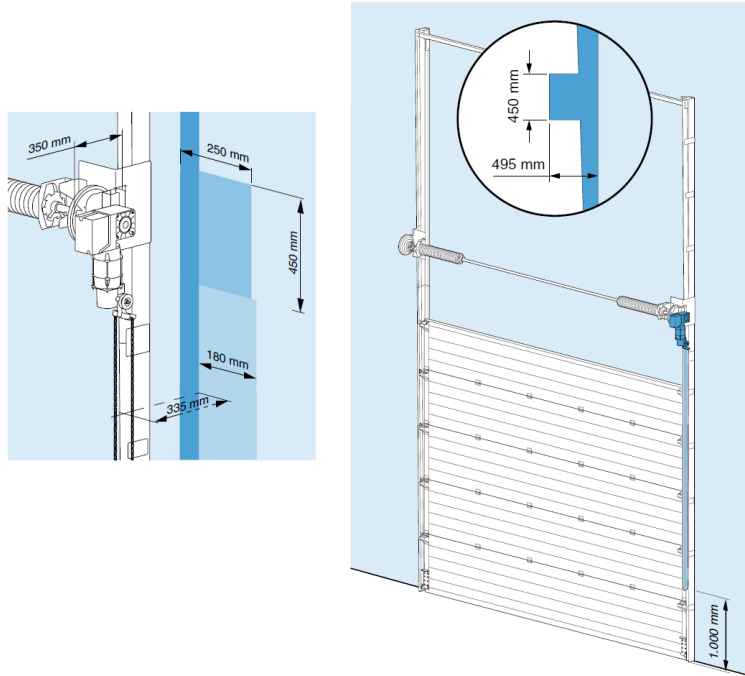
1.2 Installation space requirements – complete track system

- Space requirement for the cable guides left and right: width 80 mm, from top to bottom, 270 mm to 450 mm.
- The spring shaft assembly requires an installation space of 300 x 450 mm.
- Minimum space required for the spring shaft assembly: $2680 + 2 \times 130 \text{ mm}$.



1.3 Installation space requirements for installation and operation (emergency chain) - electric drive

- Space requirement for the cable guides left and right: width 80 mm, from top to bottom, 270 mm to 450 mm.
- Minimum space required for the installation of the electric drive: approx. 350 x 250 x 450 mm.
- Emergency chain space requirement down to operating height: 400 x 335 mm.
- The electric drive can be installed on the right-hand side or the left-hand side, as long as there is adequate space.

**1.4 Space requirement for unobstructed door movement, various key dimensions**

- Extra free space is required for unobstructed door movement. The entire path taken by the door when opening and closing must be free of obstacles.

