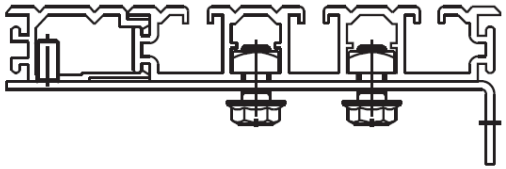
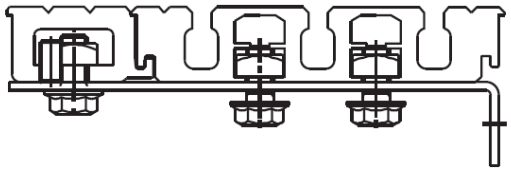
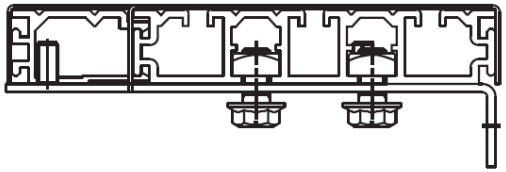
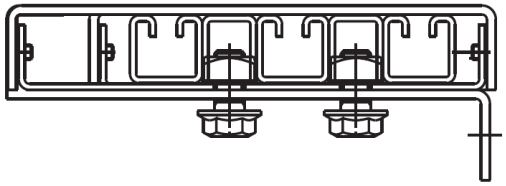
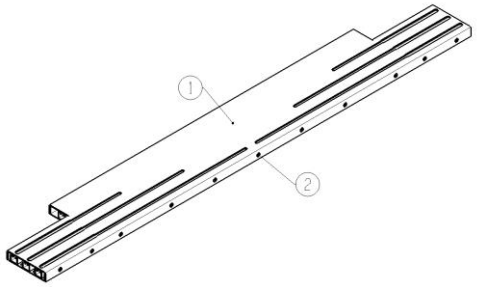
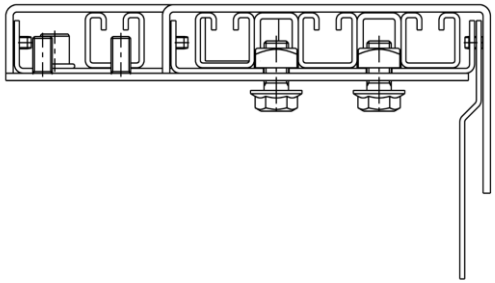
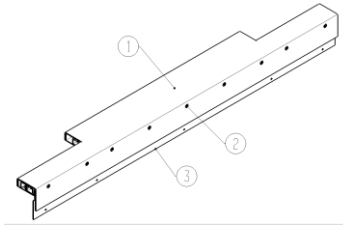
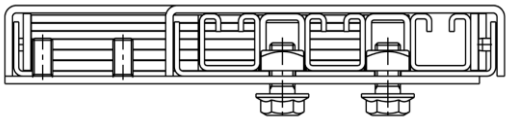
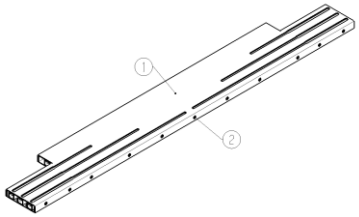
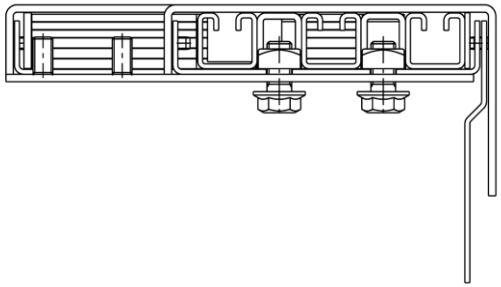
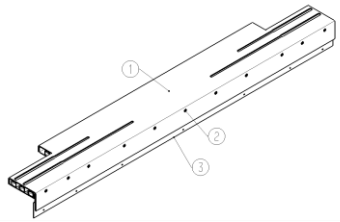
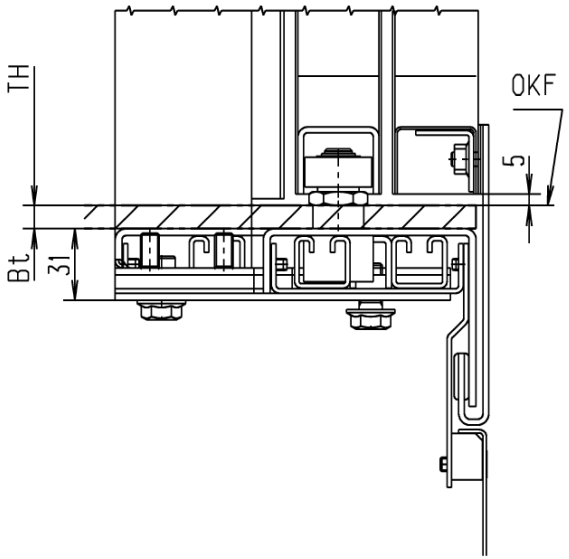
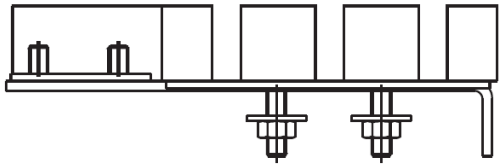
Lift types and load capacity classes	Passenger lifts for residential buildings					Bed lifts				Goods lifts (load capacity classes not defined by DIN)					
			630kg		1000kg	Passenger lifts for intensive use									
Sill types	320kg	450kg	Passenger lifts for normal use				1600kg	1800kg	2000kg	2500kg	3000kg	3500kg	4000kg	6000kg	10000kg	>10000kg
			630kg	800kg	1000kg	1275kg										
Aluminium, standard profile	With standard sill brackets															
Aluminium, solid profile	With standard sill brackets									With continuous sill support						
Pura (aluminium profile clad with stainless steel)	With standard sill brackets															
Gravida sill, steel or stainless steel	With standard sill brackets									With continuous sill support						
Concealed bottom track or Gravida Plus, steel or stainless steel	With standard sill brackets									With continuous sill support						
Gravida sill solid, steel or stainless steel	With standard sill brackets									With continuous sill support						
Concealed bottom track solid or Gravida Plus solid, steel or stainless steel	With standard sill brackets									With continuous sill support						
Concealed bottom track for on-site floor construction Bt	With standard sill brackets									With continuous sill support						
Segment sill solid profile, steel or stainless steel	With standard sill brackets									With continuous sill support						

No.	Sill types	Diagram	Permissible wheel load R_{48}**	Remarks
1	Aluminium, standard profile		6kN or 0.6t	
2	Aluminium, solid profile		50kN or 5t	
3	Pura (aluminium profile clad with stainless steel)		1kN or 0.1t	Now only replaced by Gravida in the case of special materials such as: VA pattern-rolled VA TIN coated VA mirror polished
4	Sill Gravida, basic or stainless steel		18kN or 1.8t	Gravida basic: Items 1+2 made of VA, remainder of galvanised steel 

No.	Sill types	Diagram	Permissible wheel load R_{48}**	Remarks
5	Concealed bottom track or Gravida Plus, basic or stainless steel		18kN or 1.8t	Gravida basic: Items 1+2+3 made of VA, remainder of galvanised steel 
6	Gravida sill solid, basic or stainless steel		50kN or 5t	Gravida basic: Items 1+2 made of VA, remainder of galvanised steel 
7	Concealed bottom track solid or Gravida Plus solid, basic or stainless steel		50kN or 5t	For robust industrial use: suitable for forklift and pallet transport Gravida basic: Items 1+2+3 made of VA, remainder of galvanised steel 

No.	Sill types	Diagram	Permissible wheel load R_{48}**	Remarks
8	Concealed bottom track Gravida basic for on-site floor construction Bt		Service provided by customer (Sill 18kN or 1.8t)	Observe 8200 3002 401
9	Segment sill solid profile, steel or stainless steel		85kN or 8.5t	For robust industrial use: suitable for forklift and pallet transport Segment sill not possible with: 1) Glass door leafs 2) Fire fighters lifts pursuant to EN 81-72 3) EN 81-71 4) EBA 5) ScooterGuard 6) IndustryGuard 7) Outer doors 8) DH difference for landing doors 9) Door leaf 33mm: for thick customer cladding

**The wheel load R_{48} refers to a hard steel wheel with a diameter of 85mm and a width of 48mm.

Because the permissible wheel load R_{48} is based on a wheel width of 48mm, this value changes as a function of the wheel width b. Therefore the wheel load R_b (subject to the wheel width b) is calculated as follows:
$R_b = R_{48} \times b/48$

The individual standard sill brackets are permissible for a wheel load of R_{48}=6kN or 0.6t. The continuous sill support must be used in the case of higher wheel loads.

The continuous sill support is suitable for a wheel load of R_{48}=50kN or 5t. This is valid for the permitted range of Measure 4, as shown on page 6 of Technical Information 8200 3003 350. If the customer requests a larger dimension for Measure 4, the possible wheel load R_4 decreases as follows:

$R_4 = R_{48} \times (180/ \text{measure } 4)^2$

The loads are only permissible in combination with fixing materials M12 or M16 with the respective associated washers pursuant to DIN 440.

Sill heating pursuant to 8200 3003 470 is also optionally permissible.

Sill surface and slip resistance pursuant to 8200 3003 370 is permissible.