

ATLAS GIGAS

PLANNING DATA

PLANUNGSHILFE



KLEEMANN

Your 1st Choice in Lifts
ATLAS GIGAS MRL

2. Technical specifications / Technische Daten

ATLAS GIGAS

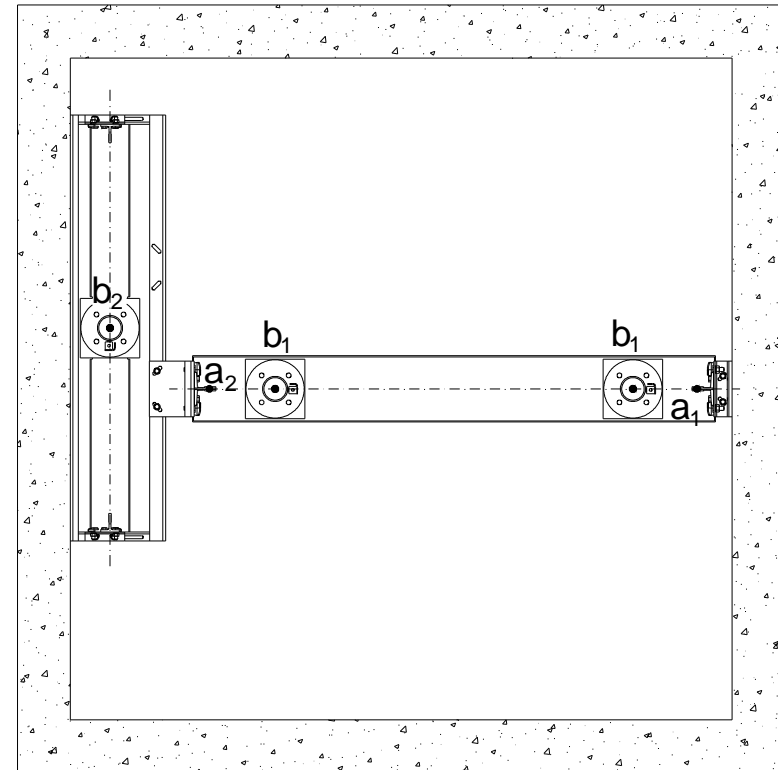
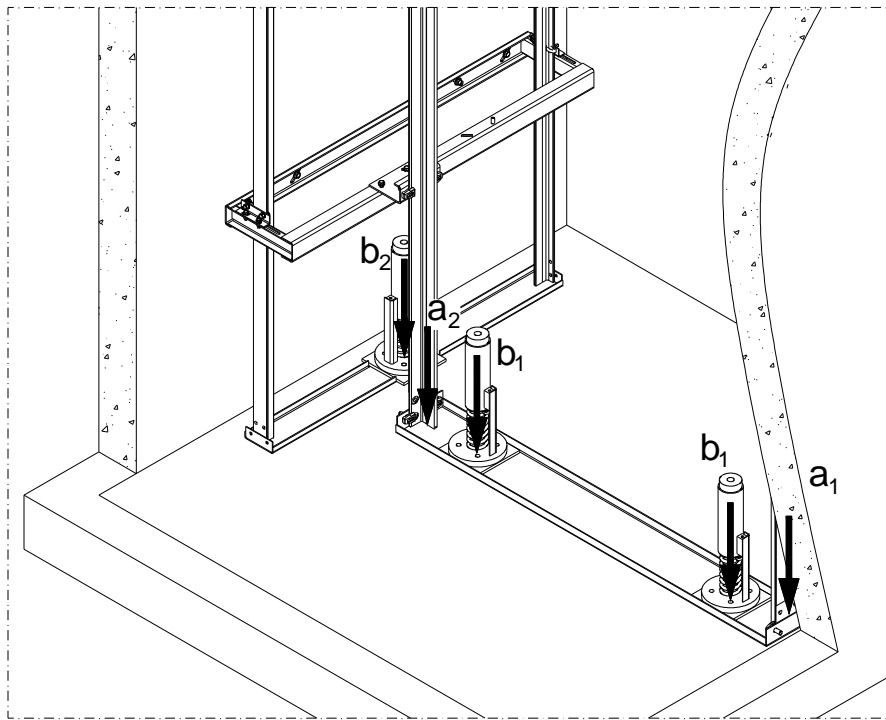
Rated Load/Nutzlast (Kg)	1275			1600			1800			2000			2500											
Roping/Bausatz	2:1																							
max Travel/Förderhöhe (m)	45																							
Number of stops/Haltestellen	16																							
max Car speed/max Geschwindigkeit	1.6m/s																							
min Pit/min Schachtgrube	1400mm																							
min Headroom/min Schachtkopf	3500mm* (for V ≤ 1,0 m/sec) / 3600mm* (for V > 1,0 m/sec)																							
max Car frame weight / max Rahmengewicht	535kg ~ 600kg												620kg											
max Car Weight (including car door)/max Kabinengewicht incl. Türgewicht	1400kg			1400kg			1500kg			1500kg			1800kg											
Door Clear Open/lichte Türöffnung	1100mm			1300mm			1300mm			1400mm			1400mm											
Car guide rails/Führungsschienen Cwt guide rails/Schienen für Gegengewicht	T125x82x16 T70x70x9												T125x82x16 T70x70x9											
max Vertical distance btw brackets/max Abstand zwischen Schienenbefestigungen	2000mm												2000mm											
Car guide rails / Führungsschienen Cwt guide rails / Schienen für Gegengewicht	T125x82x16 T89x62x16												T125x82x16 T89x62x16											
max Vertical distance btw brackets/max Abstand zwischen Schienenbefestigungen	3000mm												2000mm											
Ropes (type) / Tragseile (Typ)	DRAKO 250T Ø10 (67.7kN)																							
Ropes / Tragseile	6 x Ø10			7 x Ø10			8 x Ø10			8 x Ø10			8 x Ø10											
Traction machine / Elektromotor	ZIEHL-ABEGG SM225.60B or SM250.60B / ZETADYN																							
Running current Bemessungsstrom (A)**	U ≤ 1m/s			1m/s<U≤1.6m/s			U ≤ 1m/s			1m/s<U≤1.6m/s			U ≤ 1m/s			1m/s<U≤1.6m/s								
	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤25	25<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35			
	25.5	27.5	29.5	40.5	43.5	46.5	32	34	36.5	50.5	57	34	36.5	38.5	56	62.5	42	44.5	46.5	68.5	69			
Starting current Anzugsstrom (A)**	U ≤ 1m/s			1m/s<U≤1.6m/s			U ≤ 1m/s			1m/s<U≤1.6m/s			U ≤ 1m/s			1m/s<U≤1.6m/s								
	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤25	25<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35	H≤10	10<H≤20	20<H≤30	H≤15	15<H≤35			
	37	39	41	65	69	72	46	48	51	79	87	51	53	56	85	94	62	65	67	103	106			
Motor power / Motorleistung (3-phase/400V/50Hz)	11kW			18kW			11kW			18kW			16kW			26kW			16kW			26kW		
Cwt dbg / Stm Gegengewichtstrahmen	1400mm																							

* for car height 2340 mm and door clear height 2000 mm

** H: Car Travel (m) – For higher travels, contact KLEEMANN's Techn.Dptm. / H: Förderhöhe (m) – Bei größeren Förderhöhe, wenden an unsere Verkaufsabteilung

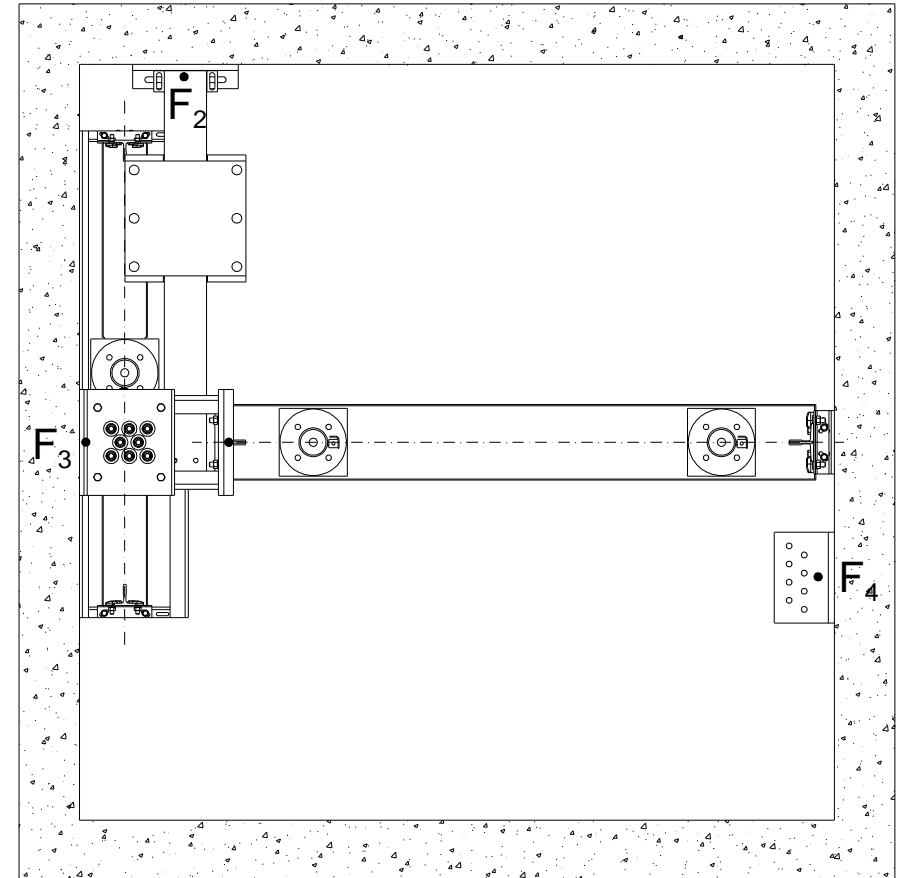
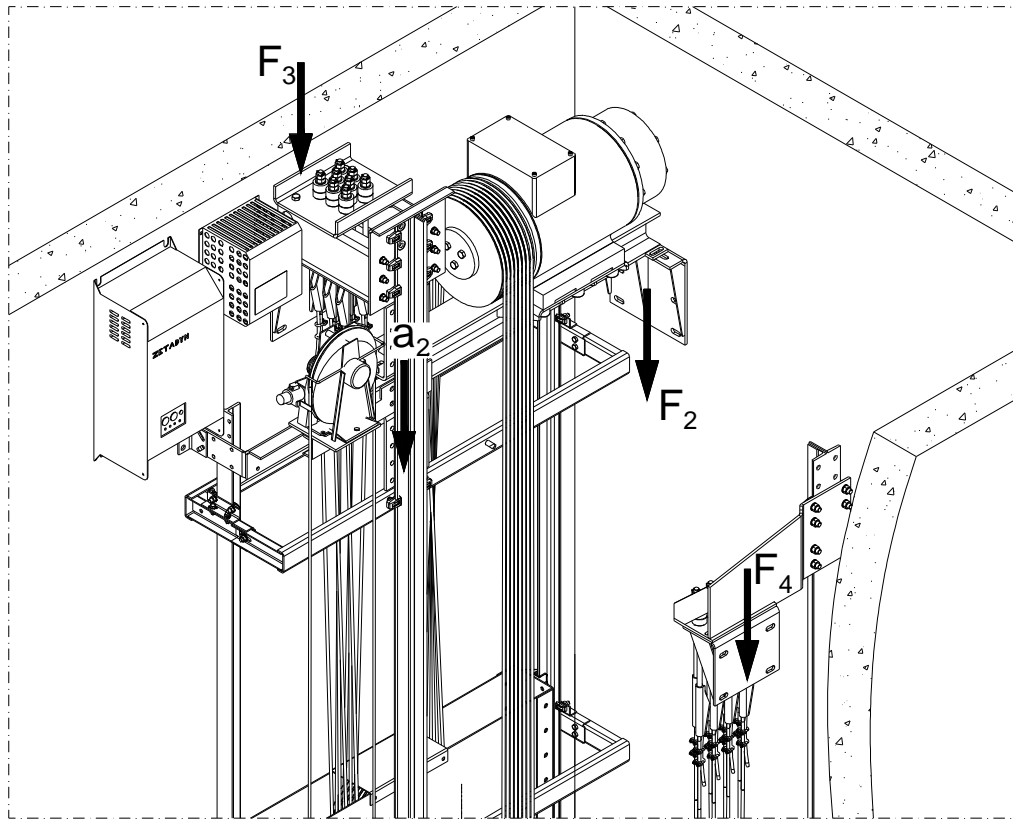
FORCES ON THE SHAFT / KRÄFTE IM SCHACHT

a. Forces on the pit / Kräfte in der Schachtgrube



Rated Load/ Nutzlast (kg)		1275	1600	1800	2000	2500
(kN)	a₁	32,15	35,3	38,25	39,25	48,07
	a₂	60,10	65,15	71	73,85	104,07
	b₁	64,25	70,65	76,5	78,48	96,14
	b₂	103,48	109,9	117,75	117,75	143,23

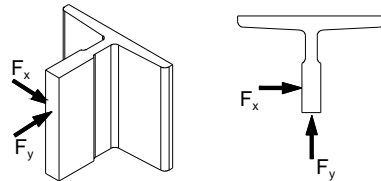
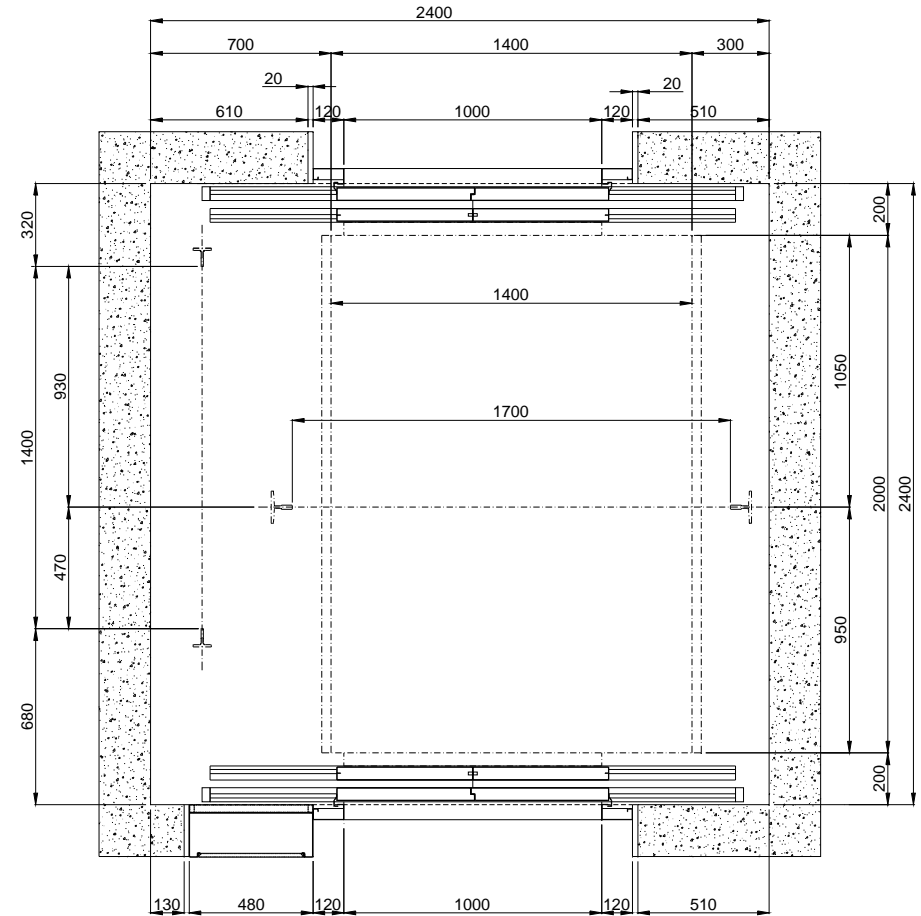
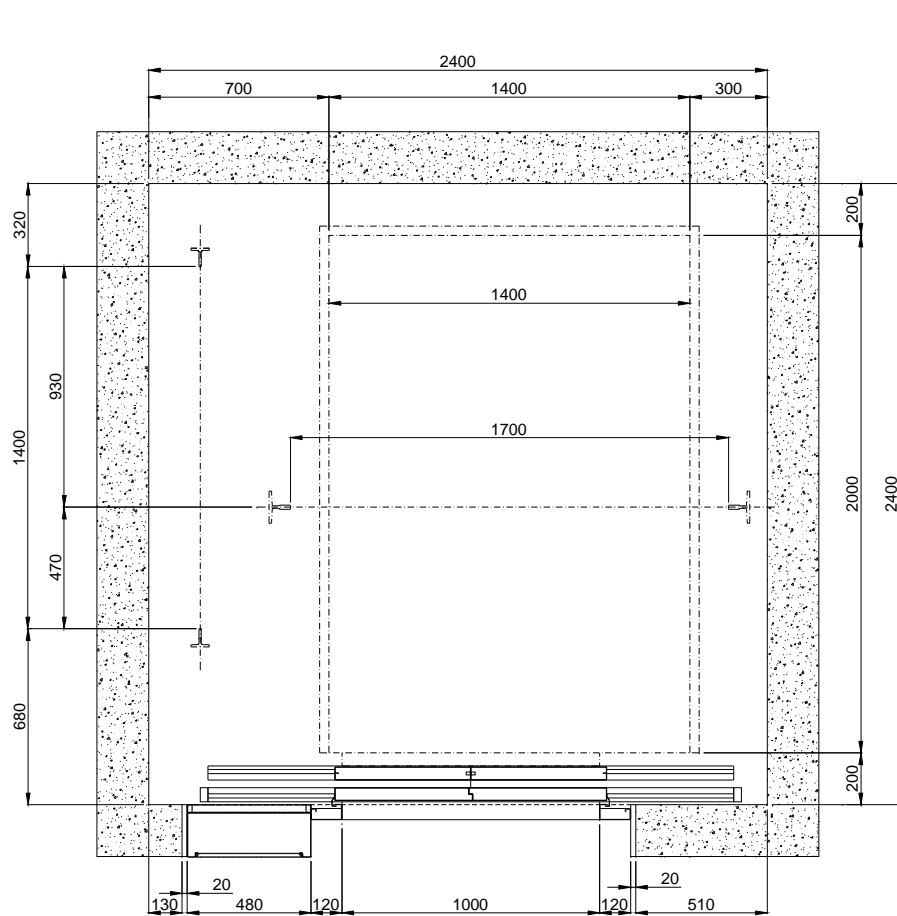
b. Forces on the wall of header / Kräfte auf die Schachtwände



Rated Load/ Nutzlast (kg)		1275	1600	1800	2000	2500
(kN)	F_2	25,5	27,2	29	29,60	30,00
	F_3	16,82	17,9	19,16	19,16	23,18
	F_4	32,75	36	39	40	48,00

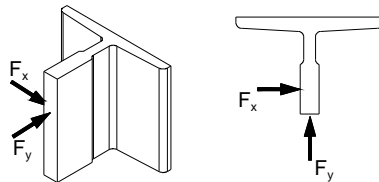
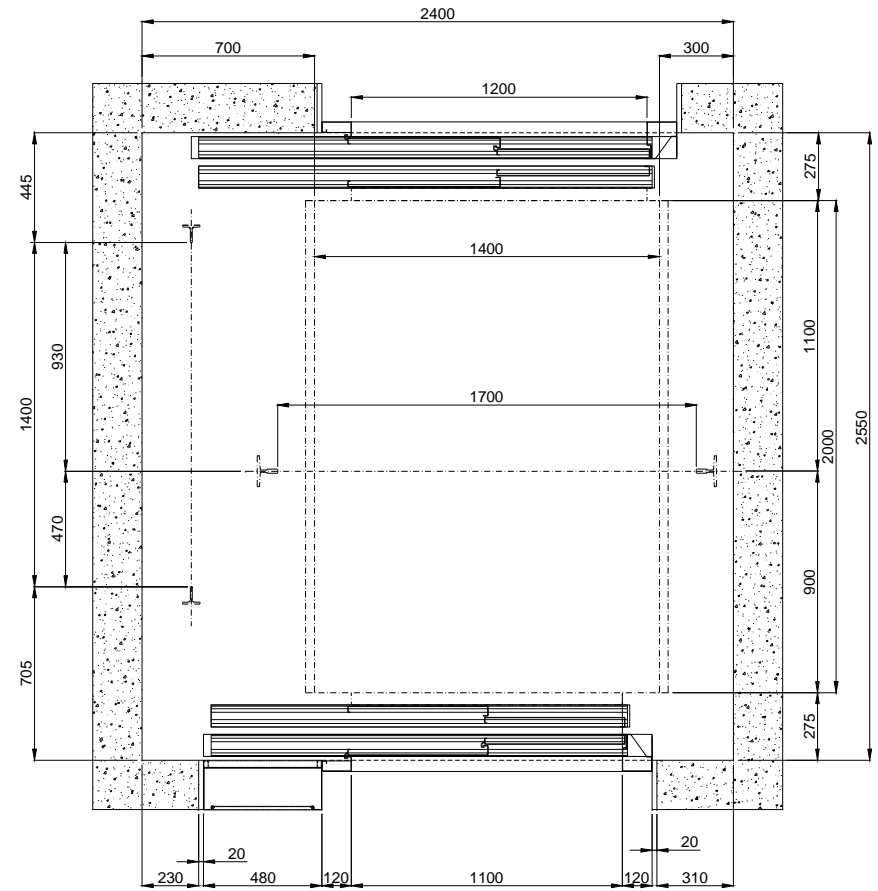
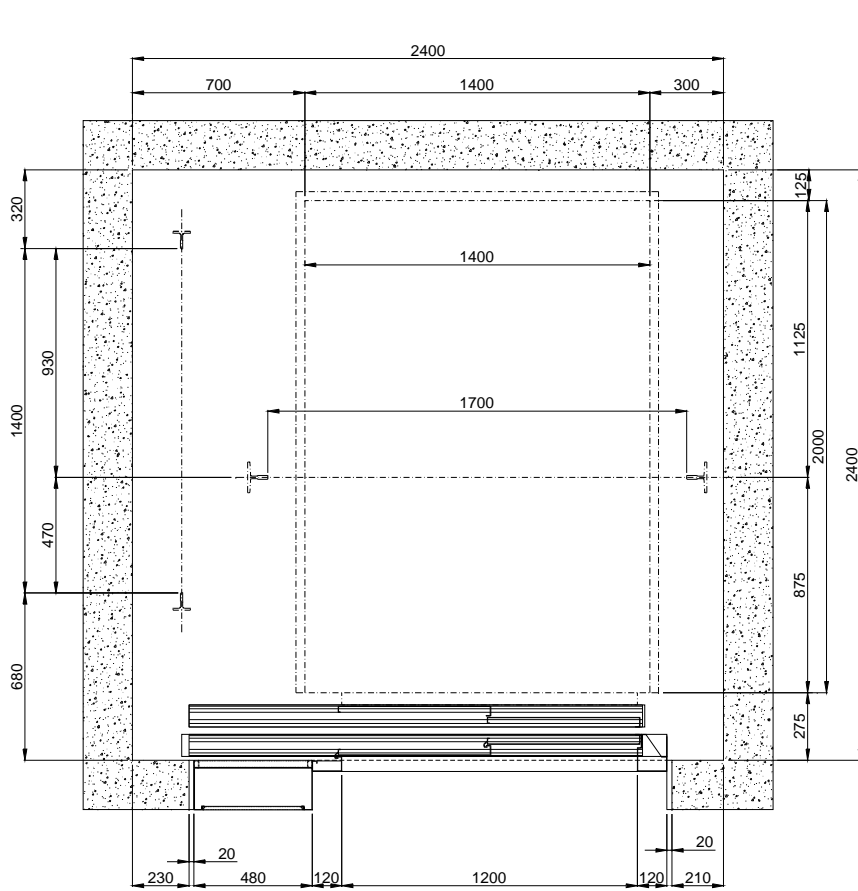
ATLAS GIGAS (1275 kg)

2-panel central opening door / Türöffnung mit 2-blättriger zentral öffnender Tür



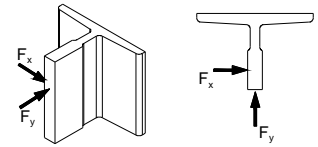
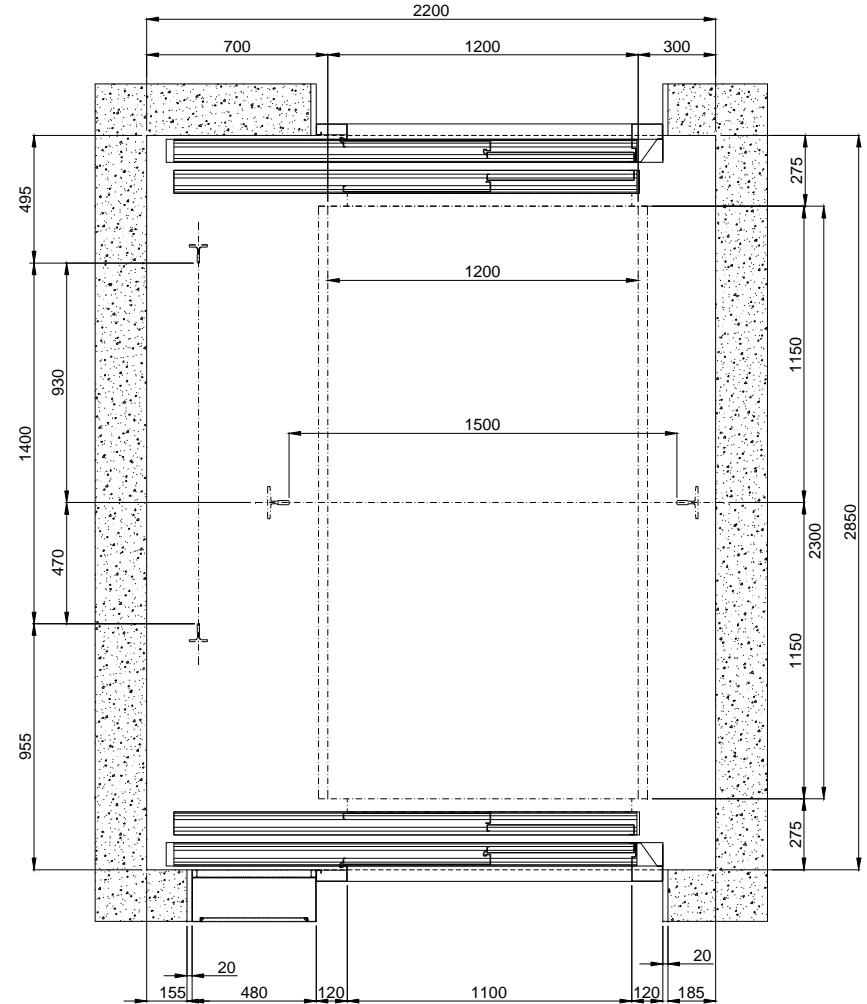
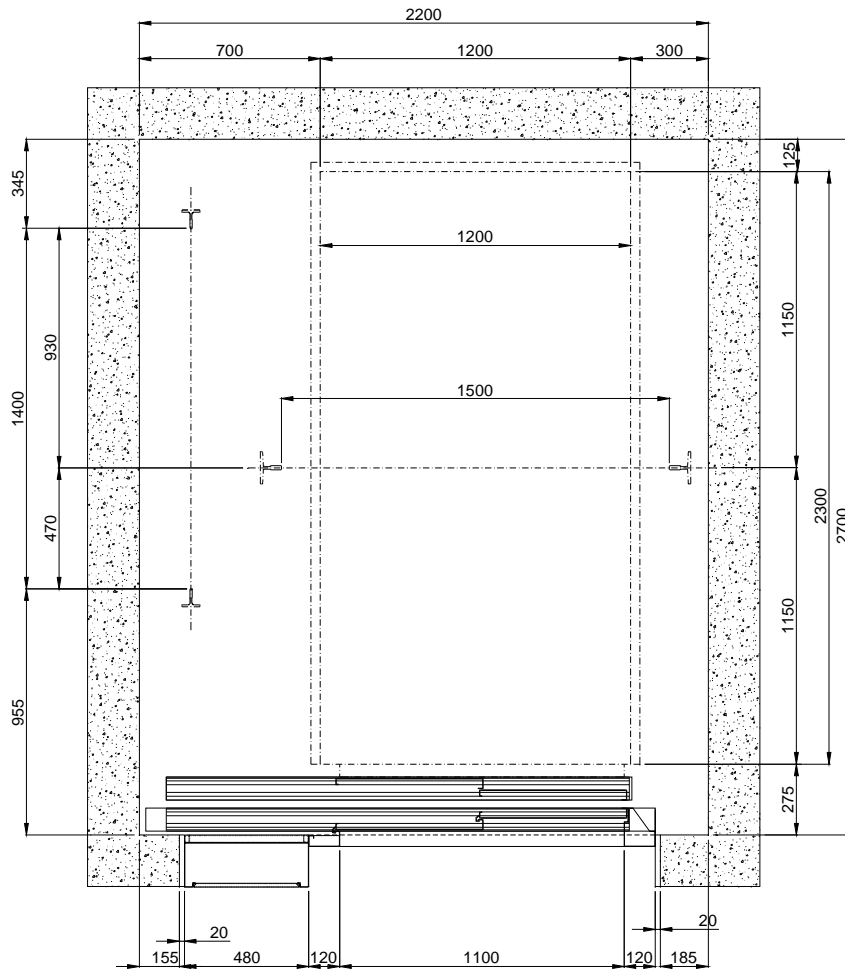
F_x	1.44 kN
F_y	1.71 kN

ATLAS GIGAS (1275 kg) 2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	1.87 kN
F_y	1.72 kN

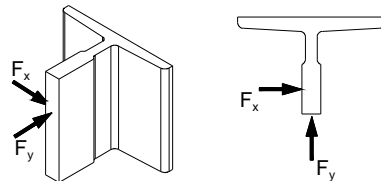
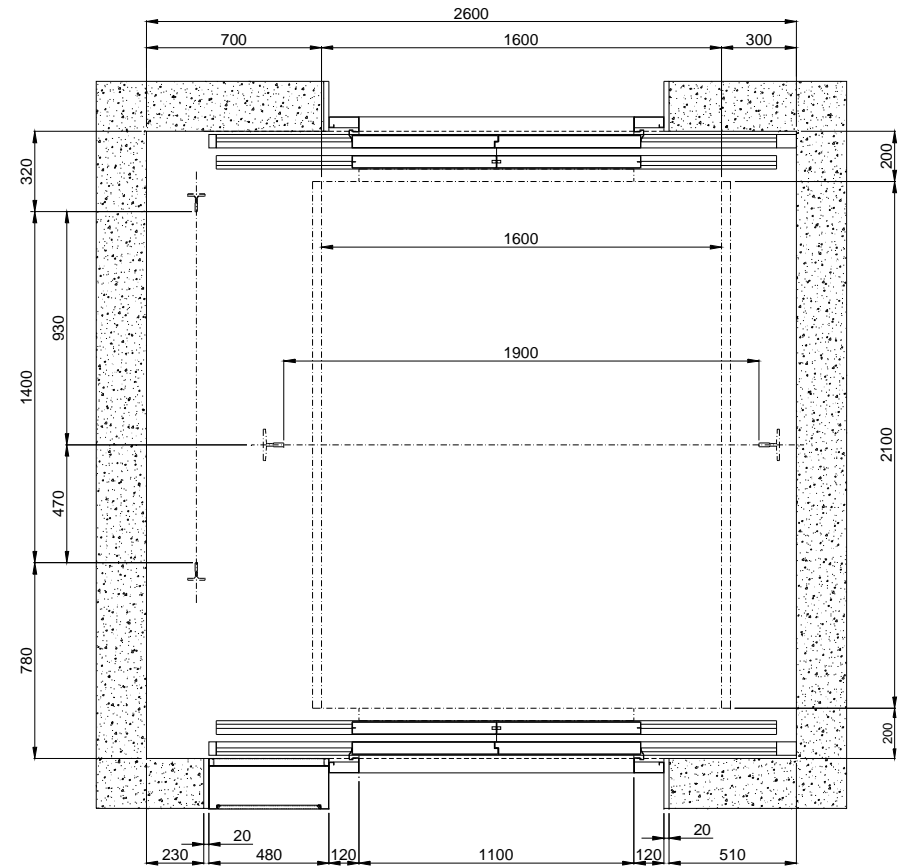
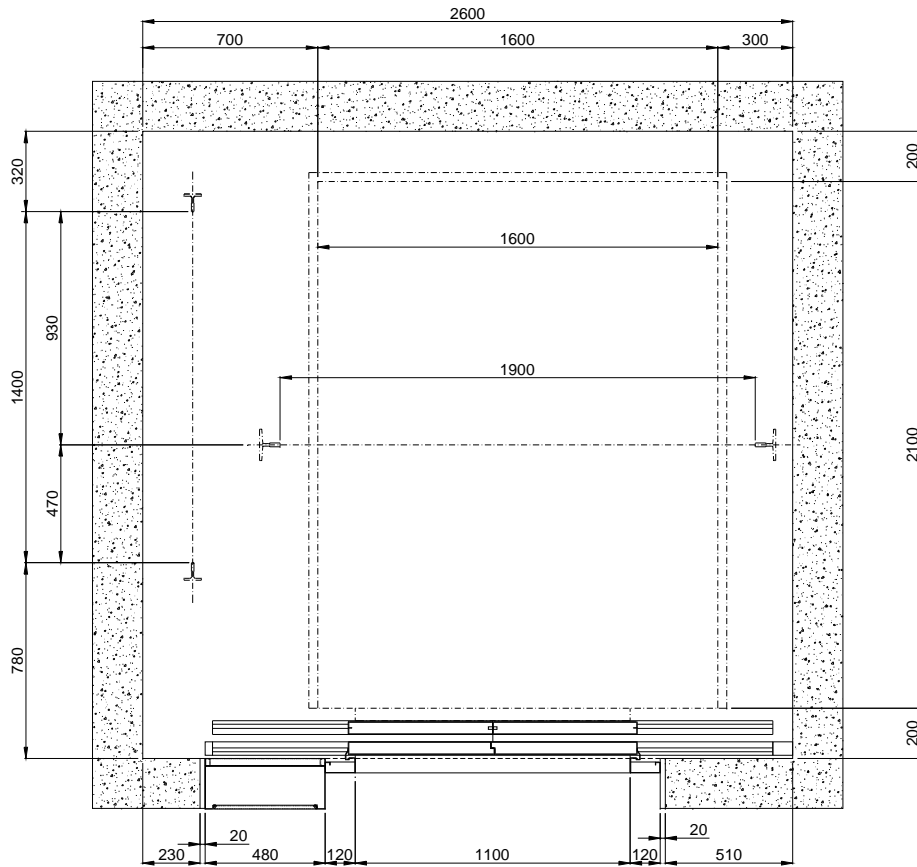
ATLAS GIGAS (1275 kg / 17 άτομα)
2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	1.87 kN
F_y	1.72 kN

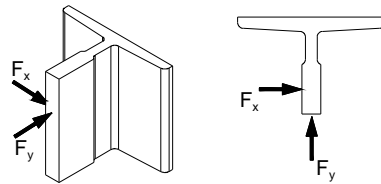
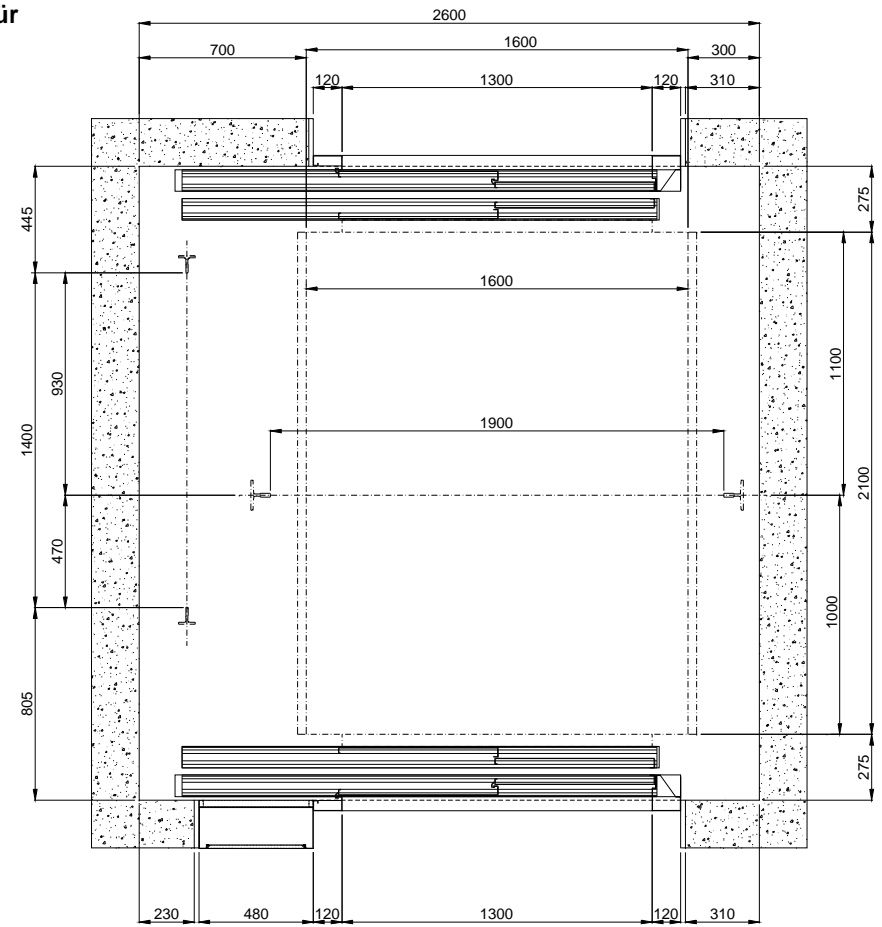
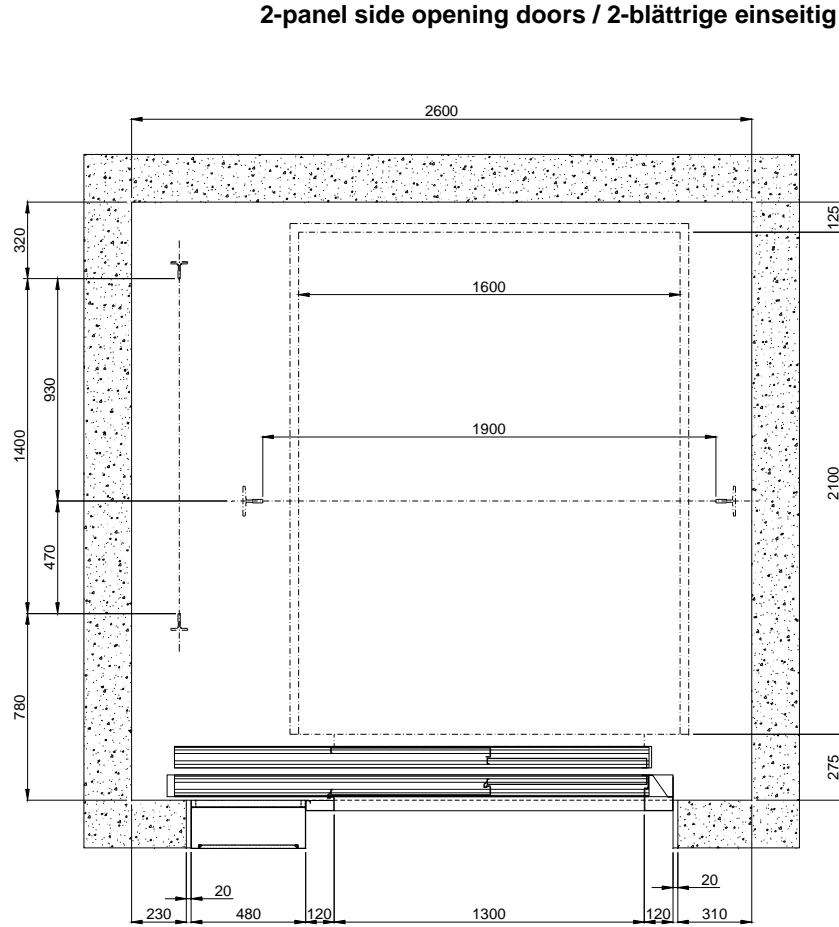
ATLAS GIGAS (1600 kg)

2-panel central opening door / Türöffnung mit 2-blättriger zentral öffnender Tür



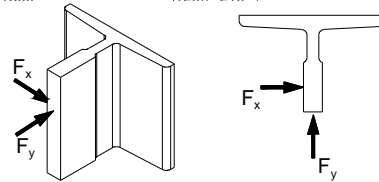
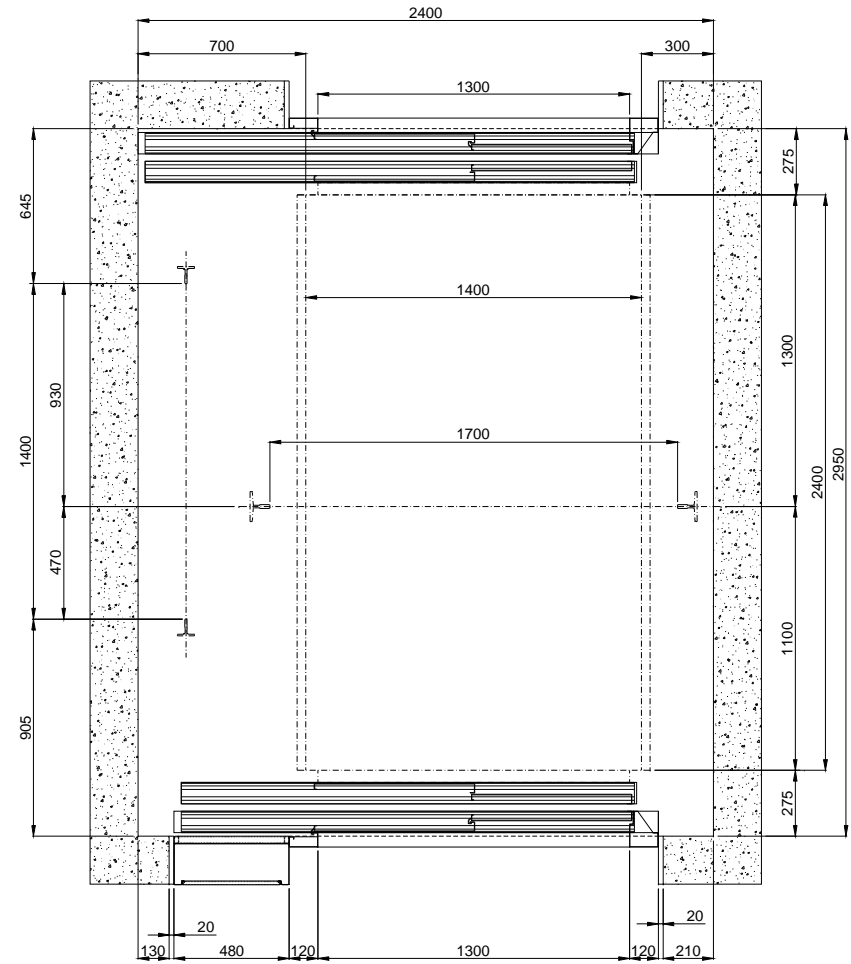
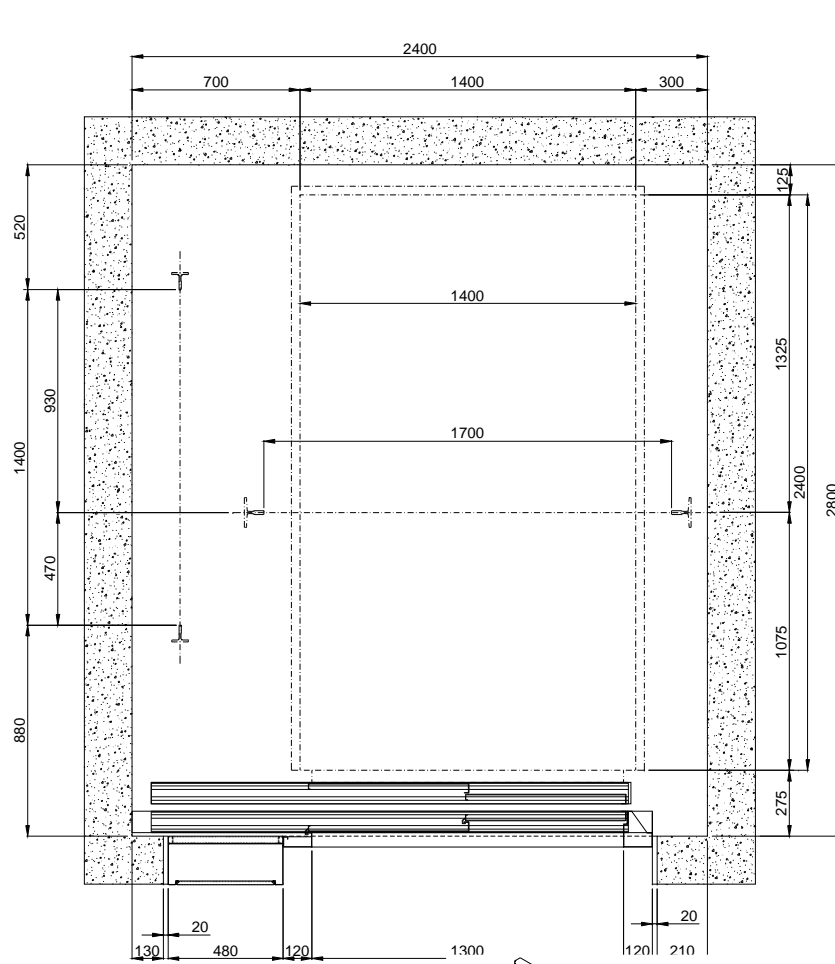
F_x	1.78 kN
F_y	2.32 kN

ATLAS GIGAS (1600 kg)
2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	1.78 kN
F_y	2.32 kN

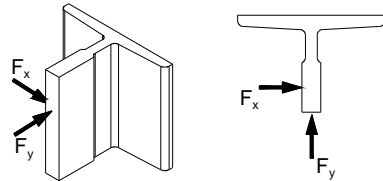
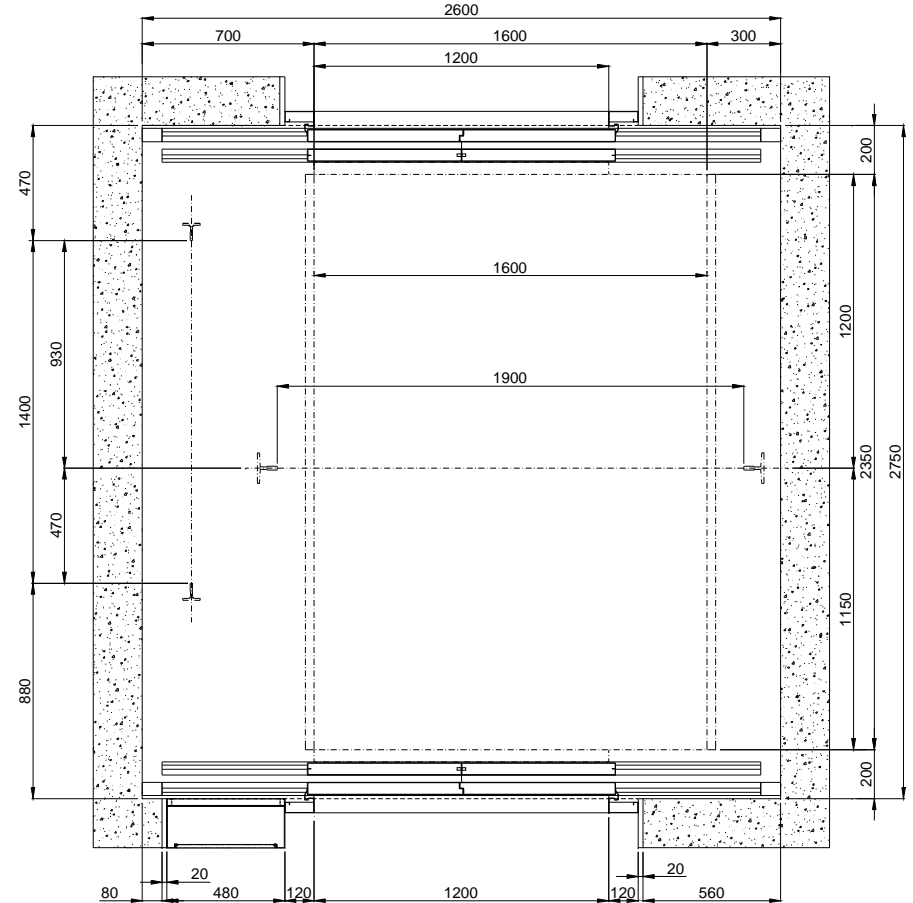
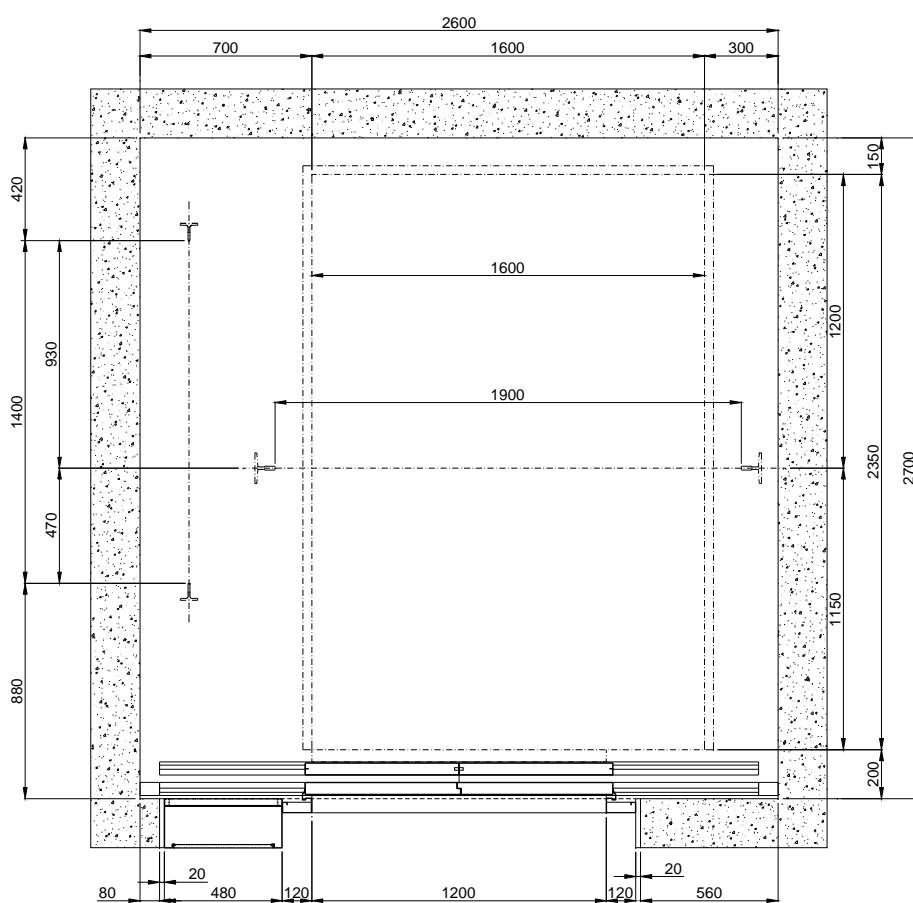
ATLAS GIGAS (1600 kg) 2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	1.78 kN
F_y	2.32 kN

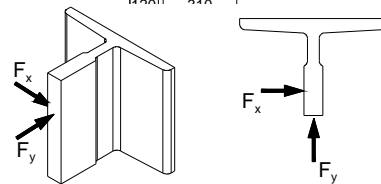
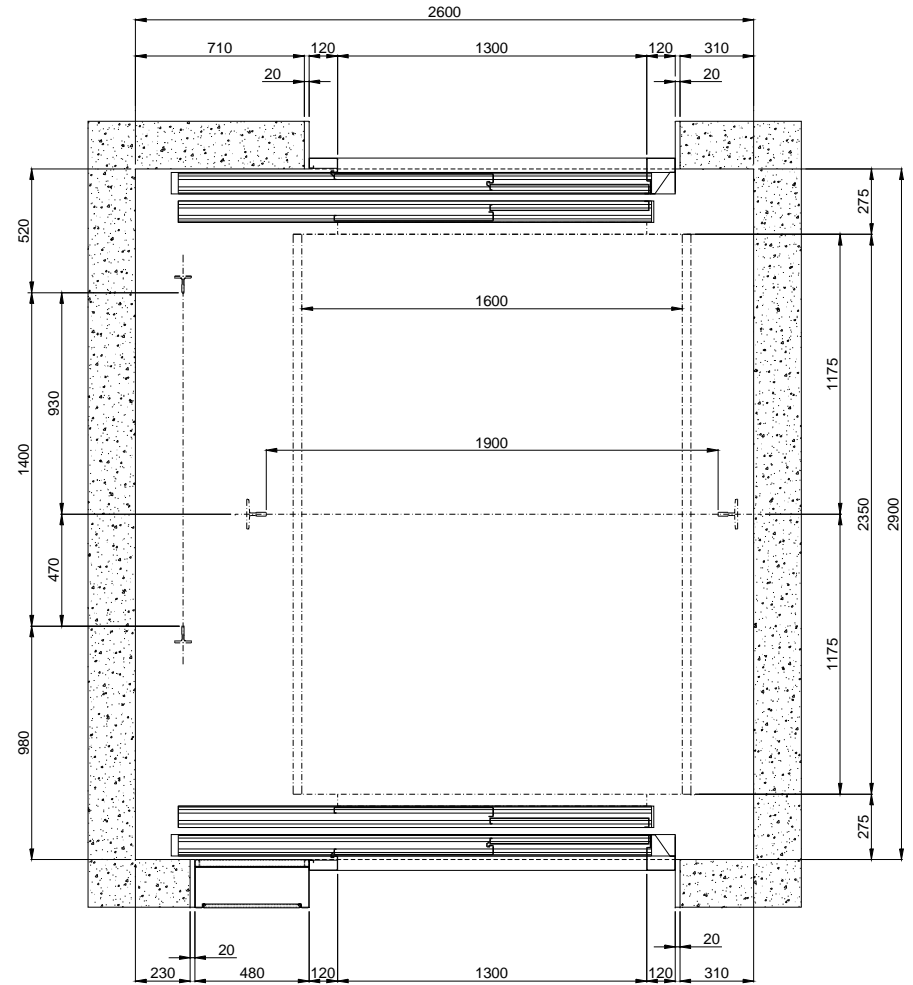
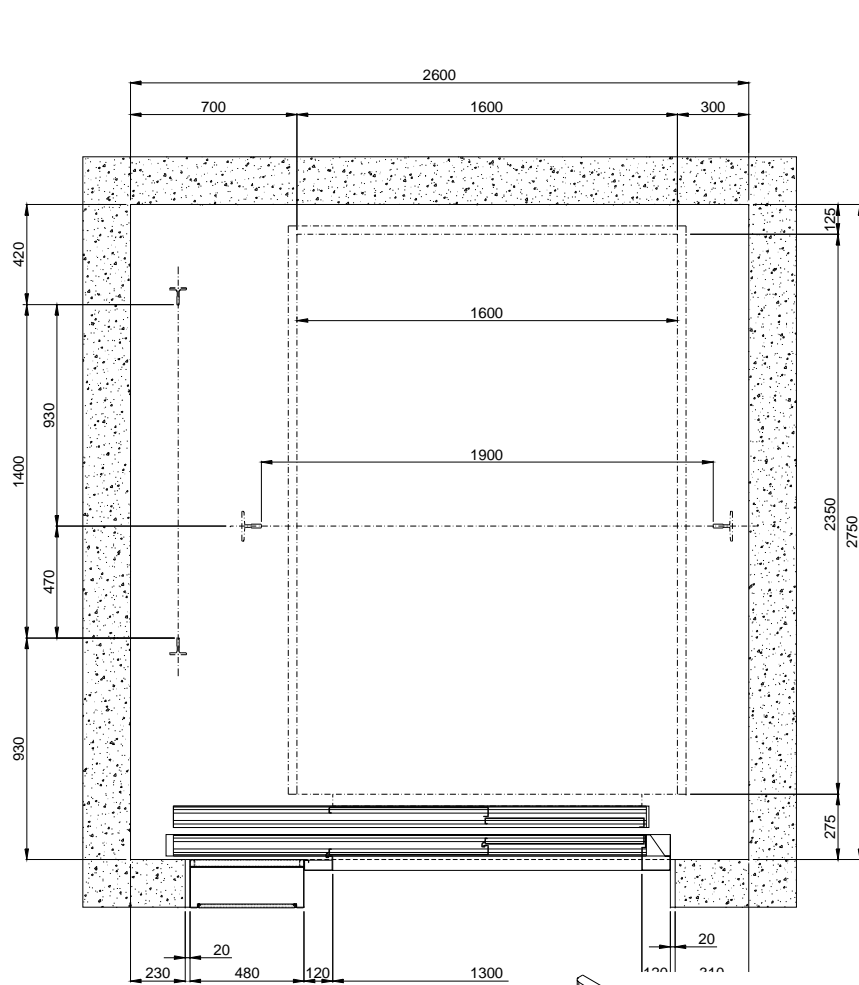
ATLAS GIGAS (1800 kg)

2-panel central opening door / Türöffnung mit 2-blättriger zentral öffnender Tür



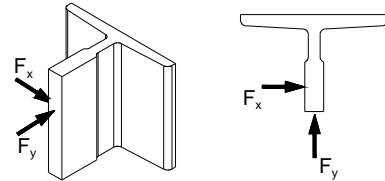
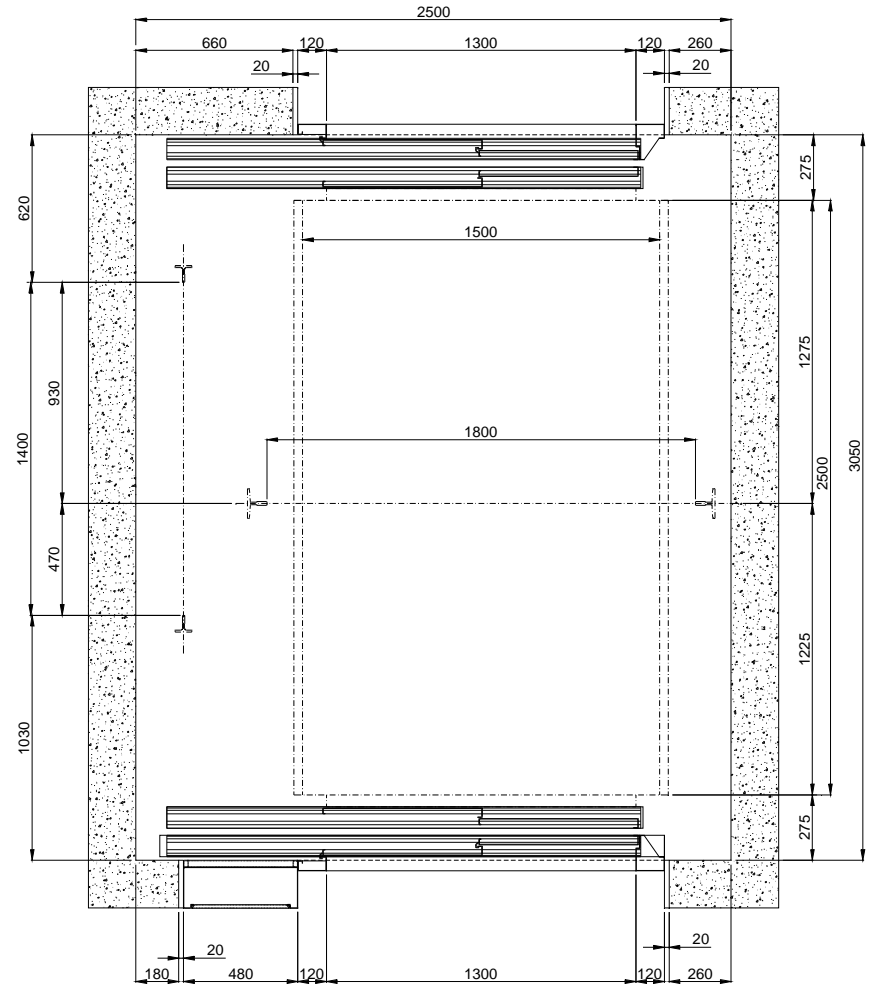
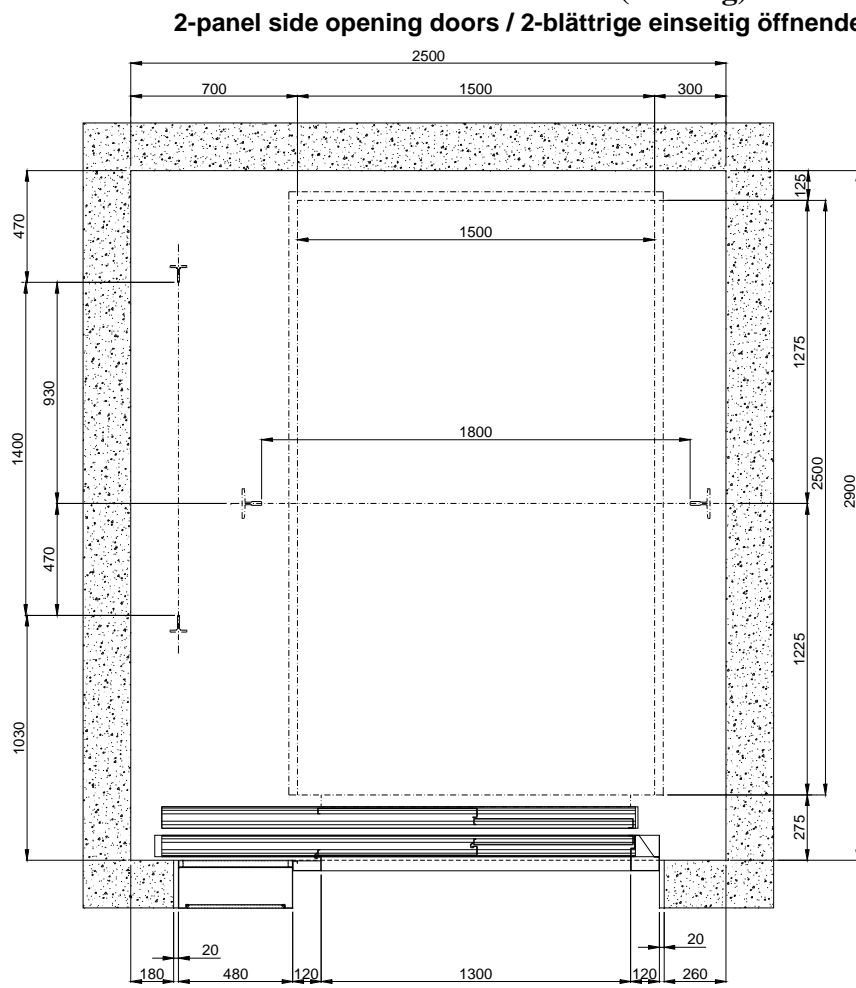
F_x	2.14 kN
F_y	2.59 kN

ATLAS GIGAS (1800 Kg)
2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	2.14 kN
F_y	2.59 kN

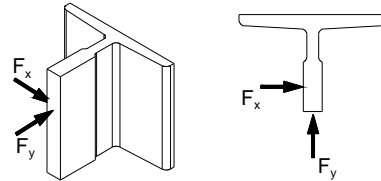
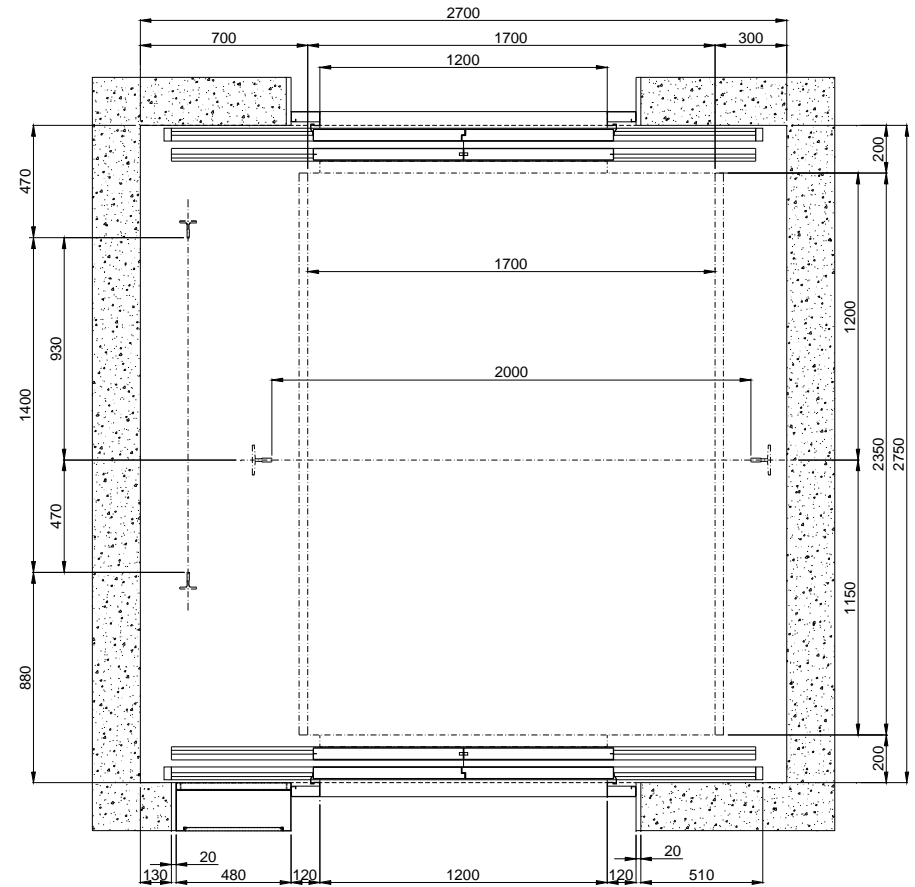
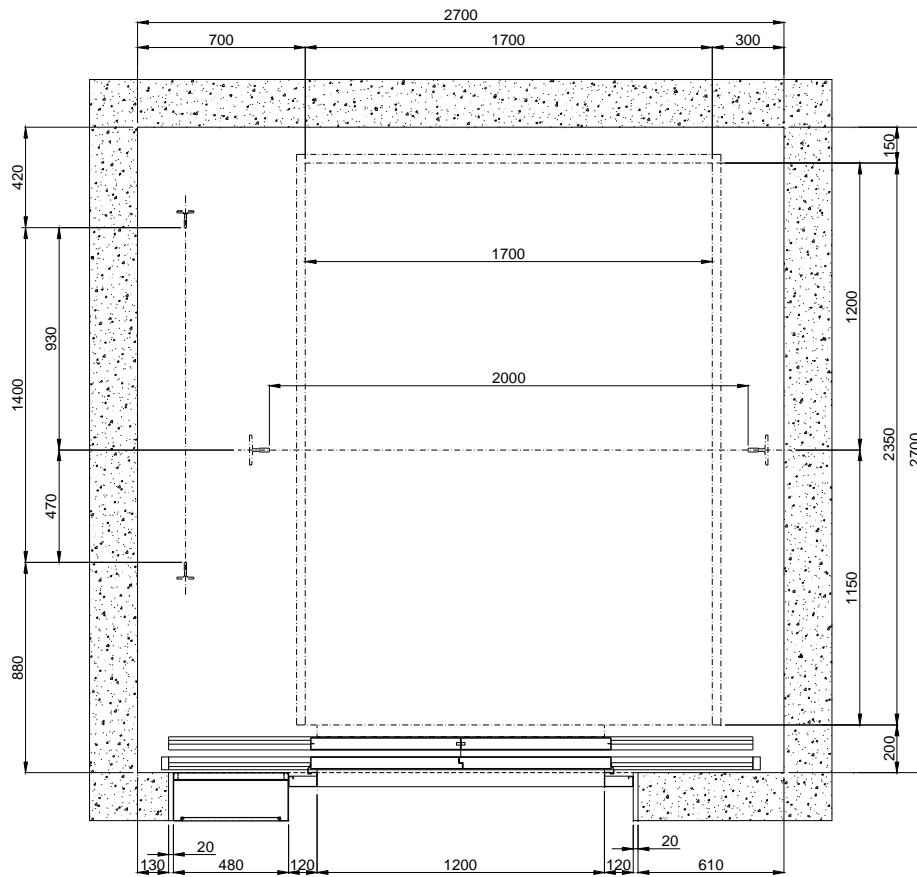
ATLAS GIGAS (1800 kg)
2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	2.14 kN
F_y	2.59 kN

ATLAS GIGAS (2000 kg)

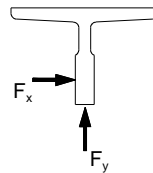
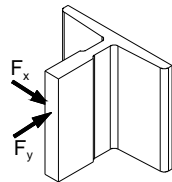
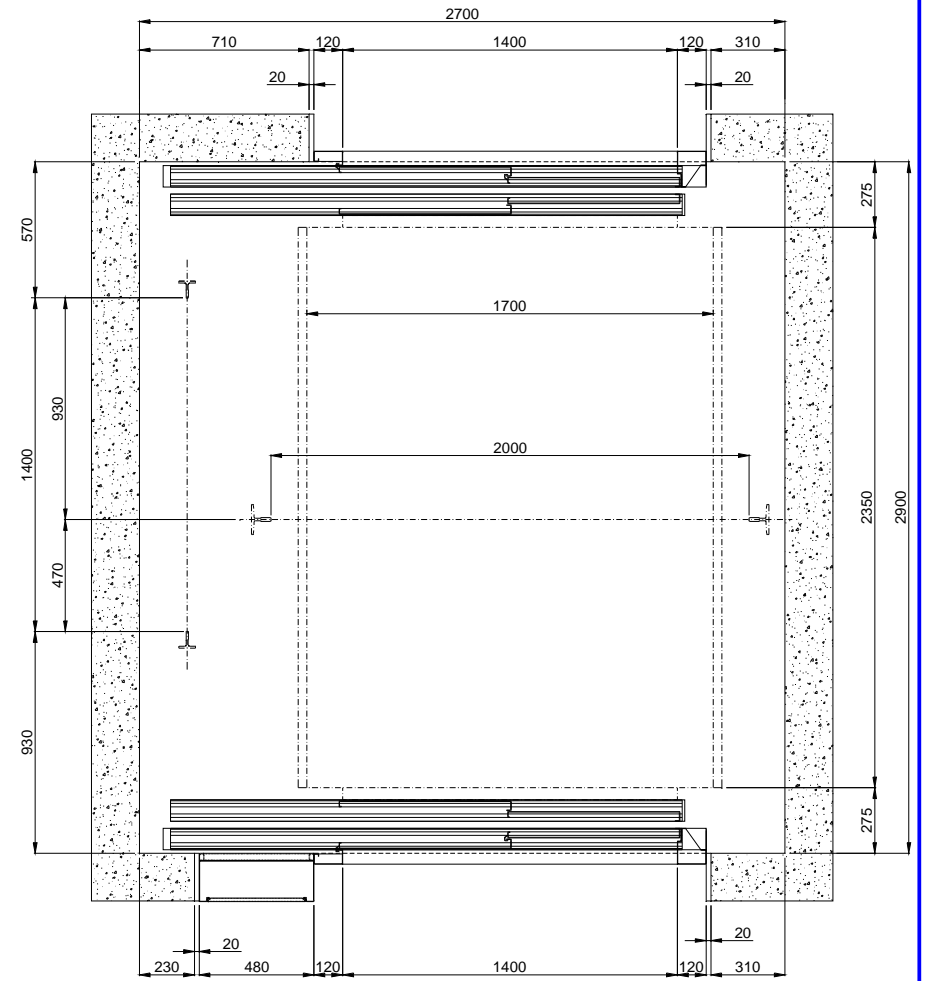
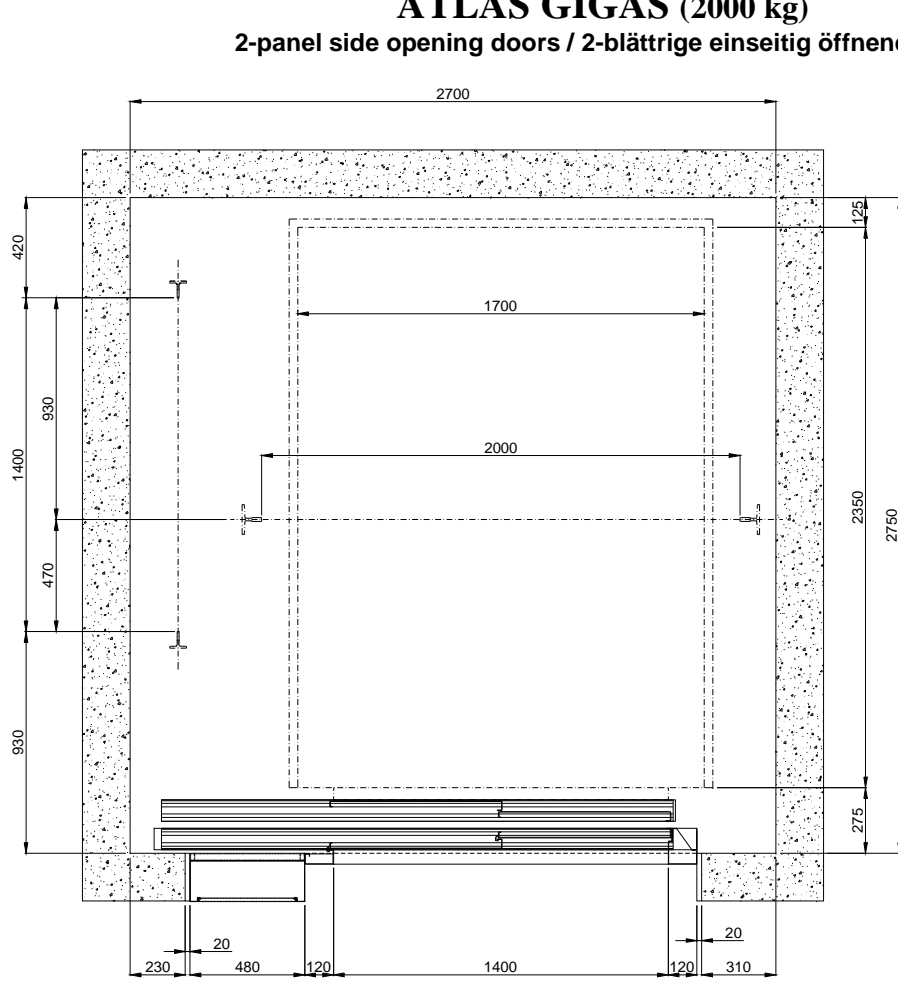
2-panel central opening door / Türöffnung mit 2-blättriger zentral öffnender Tür



F_x	2.35 kN
F_y	3 kN

ATLAS GIGAS (2000 kg)

2-panel side opening doors / 2-blättrige einseitig öffnende Tür

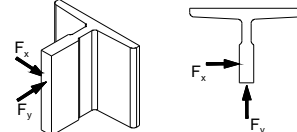
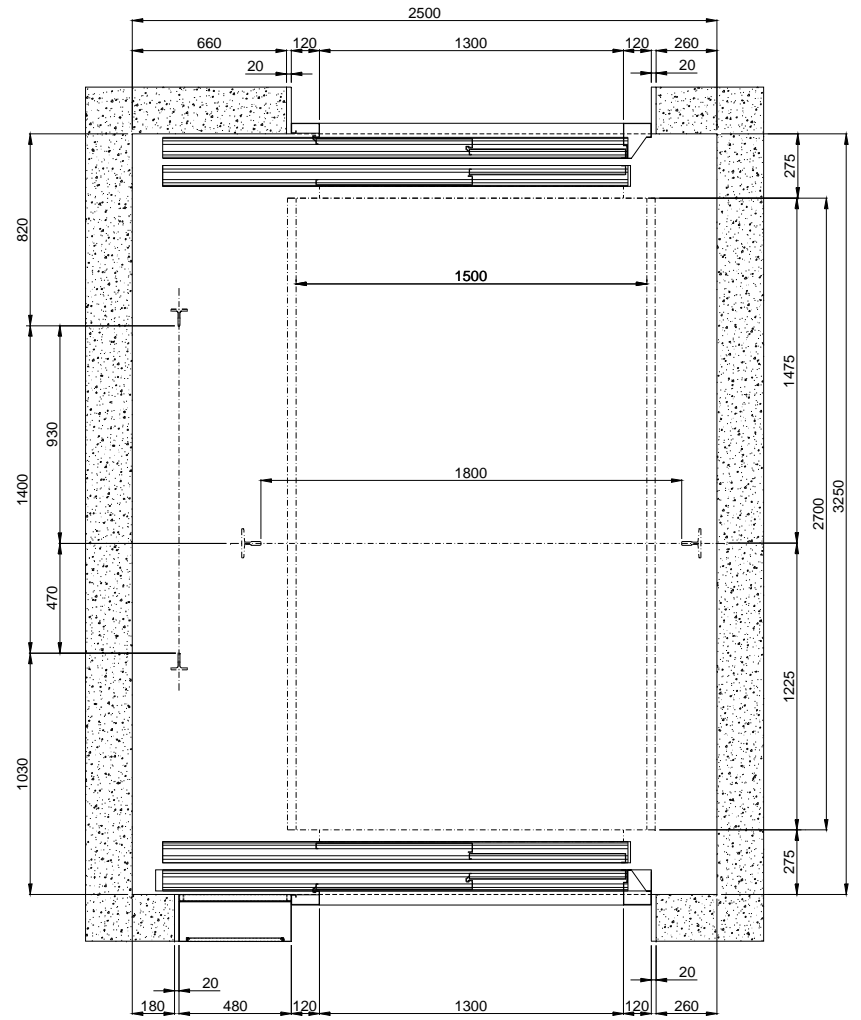
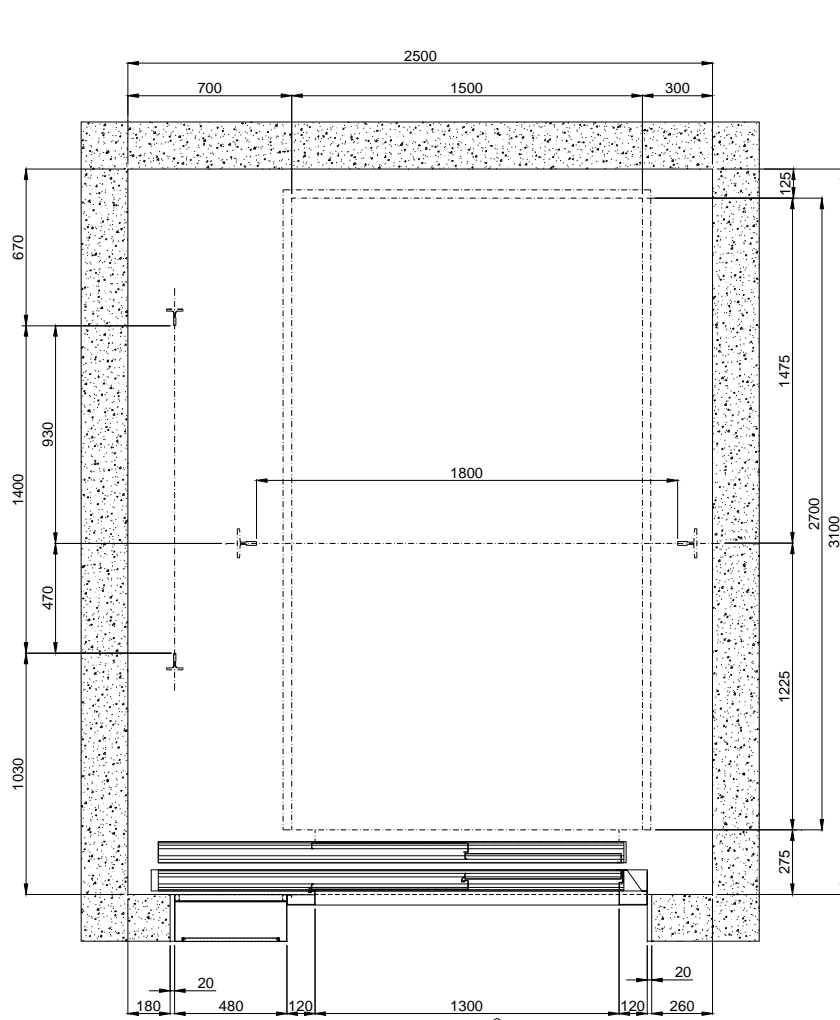


F_x	2.35 kN
F_y	3 kN

D 04-04-16

All dimensions / alle Abmessungen in mm
Shaft tolerances / Schachttoleranzen: ± 20 mm

ATLAS GIGAS (2000 kg) 2-panel side opening doors / 2-blättrige einseitig öffnende Tür

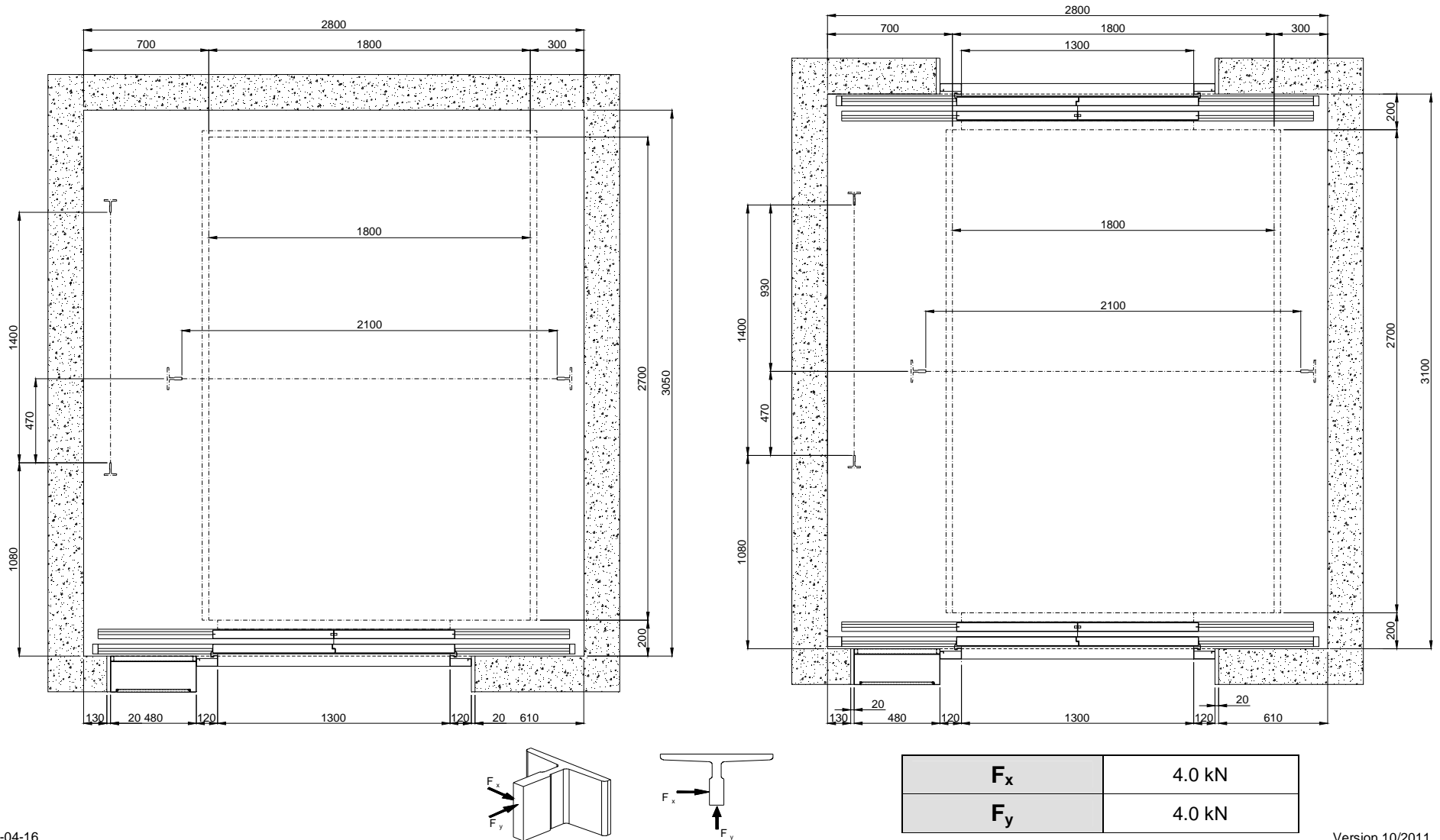


F_x	2.35 kN
F_y	3 kN

D 04-04-16
All dimensions / alle Abmessungen in mm
Shaft tolerances / Schachttoleranzen: ± 20 mm

ATLAS GIGAS (2500 kg)

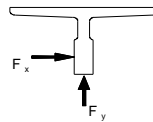
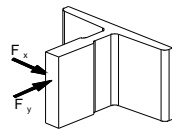
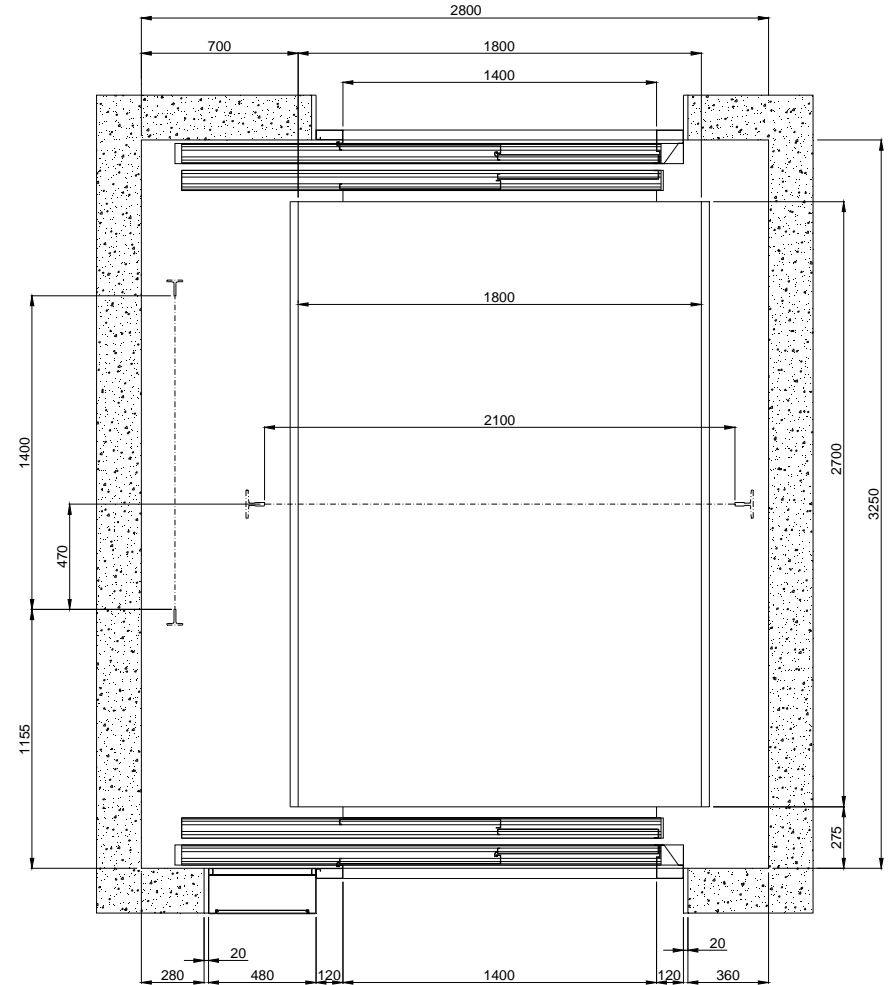
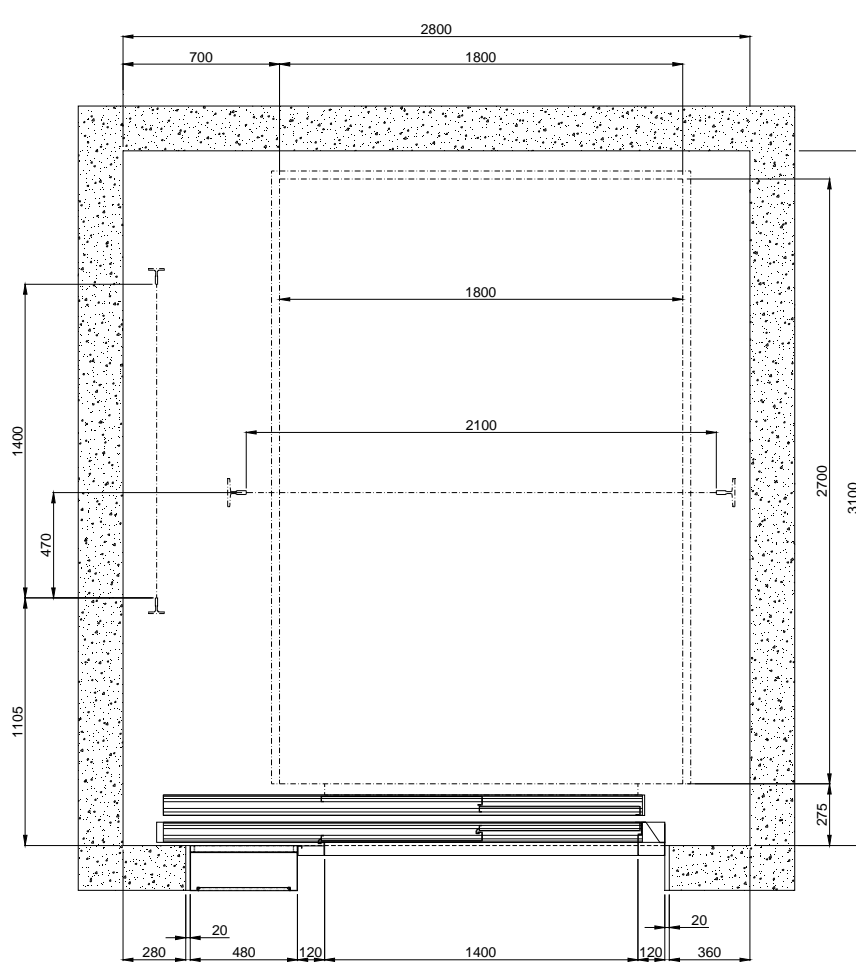
2-panel central opening door / Türöffnung mit 2-blättriger zentral öffnender Tür



D 04-04-16

All dimensions / alle Abmessungen in mm
Shaft tolerances / Schachttoleranzen: ± 20 mm

ATLAS GIGAS (2500 kg)
2-panel side opening doors / 2-blättrige einseitig öffnende Tür



F_x	4.0 kN
F_y	4.0 kN

