

EVOLUTION 200:
FLEXIBILITY
AND
PERFORMANCE





HIGH-PERFORMANCE AND FLEXIBLE FOR COMMERCIAL BUILDINGS

evolution 200: the ideal solution for mid-traffic commercial buildings with high demands regarding design and performance.

With its adjustable cabin dimensions and optimal shaft efficiency, evolution 200 fits seamlessly in your building – as a new installation, as well as a full replacement solution for modernisation projects.

65 predesigned cabin interiors specifically developed to suit different types of public building uses and our custom-fit solutions ensure your elevator has the design that matches your needs. Featuring the latest technology, this elevator delivers powerful and reliable performance for mid-traffic buildings with up to 40 stops. All these characteristics make evolution 200 the perfect solution for commercial or residential buildings in the premium segment.

OVERVIEW EVOLUTION 200

Elevator type	Machine room-less
Passengers	up to 33 passengers
Load	450 - 2,500 kg
Speed	1.0 / 1.6 / 2.0 / 2.5 m/s
Travel height	Up to 100 m
Number of stops	Up to 40 stops
Cabin	65 predesigned cabins / custom-fit solutions
Door types	Side-opening with 2 panels, central-opening with 2 or 4 panels
Door opening width	From 800 mm to 2,000 mm
Door height	From 2,000 mm to 2,400 mm

CONTENTS

04

evolution 200
benefits at a glance

15

Planning

16 Technical product scope
17 Shaft planning layout

06

Key features

06 Performance
07 Energy efficiency
08 Comfort, safety & regulations
09 Design
14 Selected features and options

22

Service

23

About us



The evolution family at a glance

evolution 100: Robust and reliable

The reliable and durable solution for low- to mid-traffic functional commercial buildings.

evolution 200: Flexibility and performance

The solution for mid-traffic functional and comfort-class commercial buildings. Thanks to its flexible design and dimensions, it is also perfect for modernising existing buildings.

evolution 300: Powerful and customisable

The elevator that combines top-performance with tailor-made solutions for customers. Ideal for mid- to high-traffic commercial buildings with heavy-duty and exceptional design requirements.



Exceptional design, high performance and efficiency in one elevator

evolution 200 is the ideal solution if you are looking for a highly efficient mobility solution for a new building or for the modernisation of an existing building with advanced elevator needs. You can rely on excellent quality and TK Elevator's experience with a product that has been designed for high performance and comfort.



Space efficiency and flexibility

Whether you choose standard dimensions for overhead and pit or a version with reduced dimensions – evolution 200 is best-in-class. In addition to the available standard cabin dimensions, you can match the cabin size to the shaft in 50 mm-steps.



Energy efficiency

Economical and powerful – not a contradiction for evolution 200. The latest TKE technology (like the energy-efficient machine, LED lighting and smart energy management) uses less energy than other elevators with the same performance.



All-round ride comfort

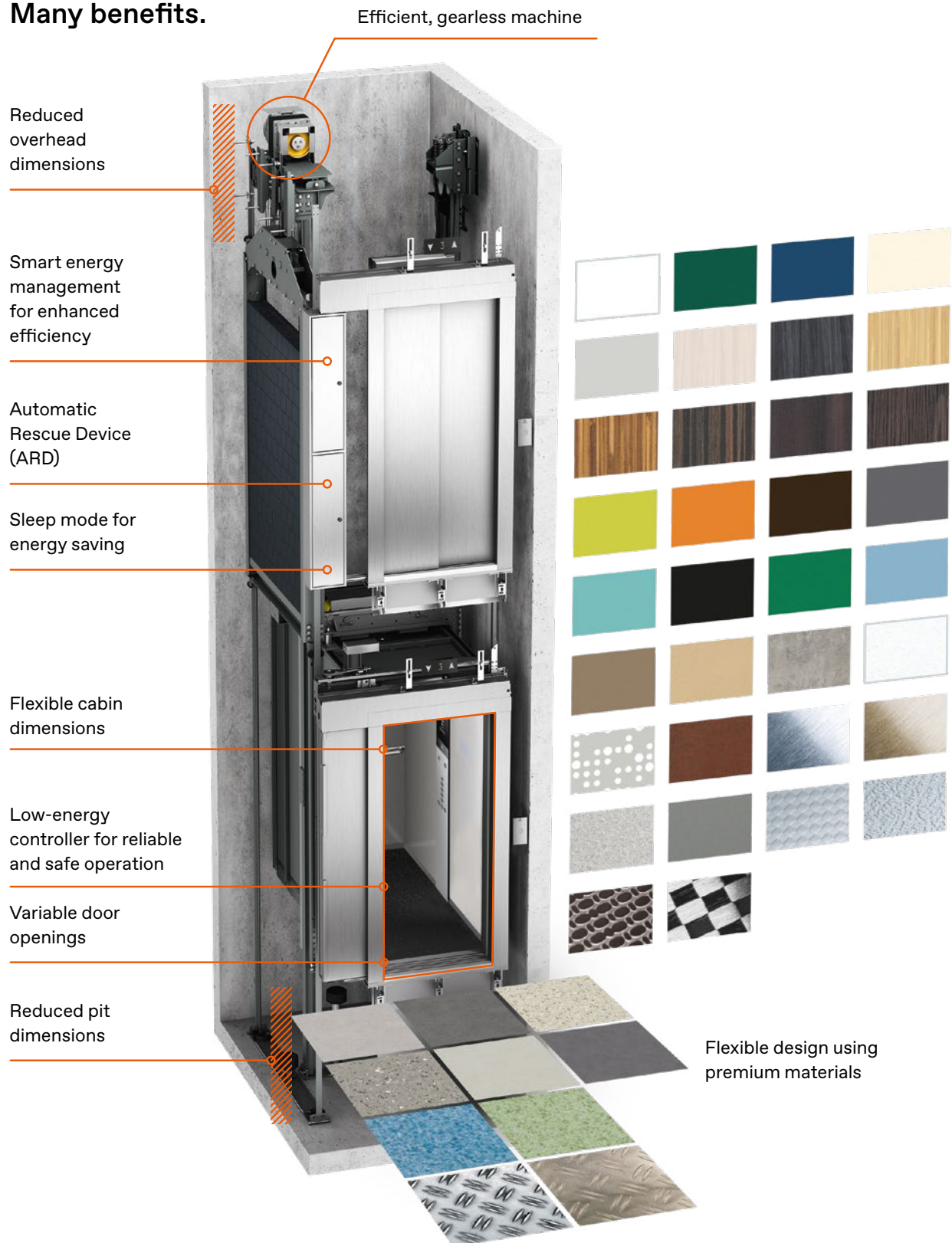
evolution 200 operates very quietly and at very low vibration levels. Smooth acceleration and deceleration make the elevator ride a pleasant experience.



Outstanding design for your commercial building

Select one of the predesigned cabin interiors that are available in the A, B and C design lines or tailor the cabin design to your needs with our custom-fit solutions. Choose from high-quality materials like stainless steel, laminate or glass walls in wide range of finishes and colours.

One elevator. Many benefits.



PERFORMANCE EFFICIENCY COMFORT SAFETY & REGULATIONS DESIGN

Performance

Maximum uptime and reliability.



Gearless machine designed in Germany: high performance and quality ensure smooth operation and a long and reliable working life. As an option, you can choose a machine that allows up to 240 connections or starts per hour to manage increased traffic volumes.



Controller: intelligent and flexible low-energy controller with an extremely broad range of functions. Dynamic group control for up to 8 elevators.



Doors: reliable, fast and safe door operation for side opening and central opening doors.



TKE engineering excellence: evolution 200 is engineered and tested by experienced TKE engineers. We guarantee a long-lasting product with optimum performance for your needs.

Energy efficiency

Built-in efficiency throughout the product life cycle.

Sustainability is part of our corporate DNA. It involves the holistic improvement of our products and processes to help you reduce the environmental footprint of your buildings and qualify for LEED® and BREEAM® certification by incorporating green features in our elevators.

evolution



Based on a 1,000 kg elevator at 1 m/s with 22.3 m travel height, 7 stops and usage category 1

Measurements taken on a standard evolution configuration with sleep mode achieve the highest energy-efficiency rating class A in use category 1 to 5, according to ISO 25745-2. Certification takes into account where the elevator is installed and energy demand during operation as well as in standby mode.



Environmental Product Declaration (EPD®) evolution has a certified Environmental Product Declaration (EPD) giving information about the environmental performance and contents, which has been controlled and verified according to the requirements of the International EPD® System.

Registration number: S-P-01084

More information is available at www.environdec.com.



Standby mode: cabin lighting comes with automatic switch off as standard.

Sleep mode (optional): the electronic components are turned off when the elevator is in sleep mode and are instantly activated when the elevator is called.



LED lighting: is included as standard in all lighting devices. LED lighting can last 10 times longer and is up to 80% more energy efficient than halogen lighting.



Regenerative drive: the optional regenerative drive is a smart system that generates electricity when the cabin has a full load going down and is empty going up. The power generated in both situations is then captured and fed into the grid.



Optional eco/high speed mode: to save energy, intelligent energy management automatically adjusts elevator speed and door opening times according to traffic volume.



Low energy consumption: thanks to the highly efficient gearless machine with no contaminant lubricants.

Comfort

Because your ride can become an experience.



- **Short travel times:** waiting time can be reduced with modern controller options for groups of up to eight elevators.
- **Soft acceleration and gentle braking:** your passengers will experience a smooth and safe ride.
- **Silent and low-vibration:** thanks to high-quality materials and enhanced sound insulation, evolution 200 operates very quietly and with low vibration.
- **Landing accuracy:** enables accurate levelling. Landing accuracy of +/- 1 mm ensures safe and comfortable access for passengers.
- **Pleasant atmosphere:** the spacious cabin and a great variety of high-quality materials guarantee that passengers feel comfortable in your elevator.
- **Accessibility:** The standard features of evolution 200 cover most of the accessibility requirements of the new EN 81-70 European standard.

Safety & regulations

Compliance with latest legal requirements.

EN
81-20/50

Elevators are the safest means of transport: all safety elements are manufactured to meet all relevant industry standards and regulations, including our company's own strict internal Safety, Health and Environment standards, as well as meeting ISO 9001 and 14001.

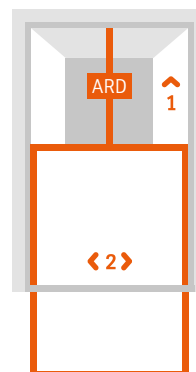


Highest standards: we design and test to the highest standards and manufacture our own safety components.



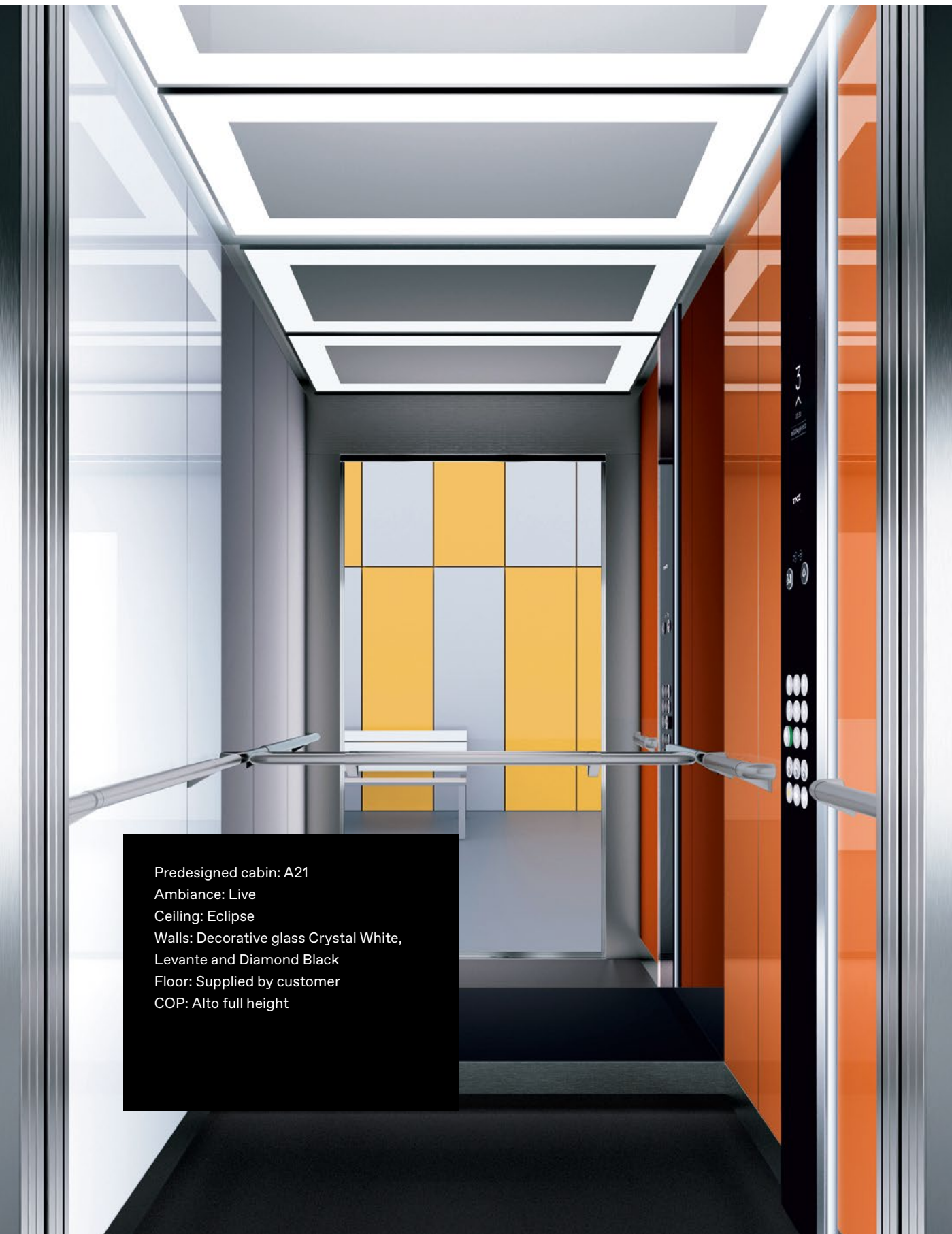
Stay connected 24/7: whenever you need it, the communication system is there for you, keeping you connected with our 24hr call center.

Emergency evacuation (standard): in the event of power failure, the Automatic Rescue Device (ARD) will safely take you to the next floor (load dependent) <1> and open the doors to allow passengers to exit the cabin <2>.



Design

Endless possibilities.



Predefined cabin: A21
Ambiance: Live
Ceiling: Eclipse
Walls: Decorative glass Crystal White,
Levante and Diamond Black
Floor: Supplied by customer
COP: Alto full height

Design lines for evolution 200

The design lines C, B and A offer endless possibilities to make the elevator part of your building's design concept. From stainless steel to premium laminates or glass walls – you are spoiled by choices.

Design line C

The clean and neutral predefined cabins create calm and durable environments, easily integrated into the building's different functions. Choose between stainless steel and laminate walls and an optional glass rear wall.



C07

Design line B

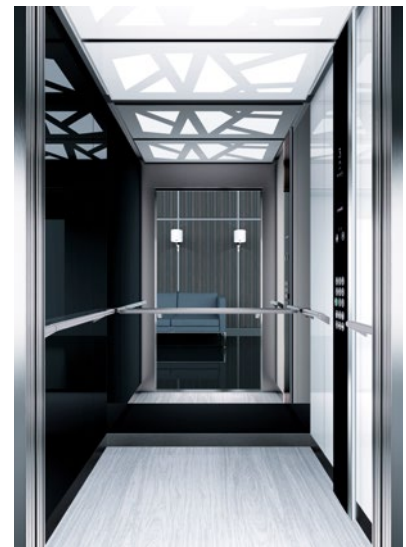
Characterised by high-quality laminates and stainless steel, the predefined cabins of design line B can be easily adapted to your architecture.



B06

Design line A

The predefined cabins of design line A create a unique and exclusive atmosphere, using high-quality materials such as glass, patterned laminates or stainless steel.



A41

Discover more variants of the C design line in the cabin designer tool.



c-design-evolution.
tkelevator.com

Discover more variants of the B design line in the cabin designer tool.



b-design-evolution.
tkelevator.com

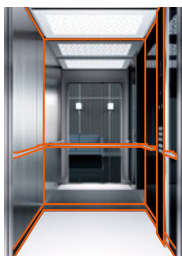
Discover more variants of the A design line in the cabin designer tool.



a-design-evolution.
tkelevator.com

Highest flexibility: Custom-fit solutions

If you are looking for something truly distinctive, exclusive or unique, you can tailor the elevator design to your precise requirements.



Custom selection

You can individually select all materials within your chosen design line for the rear wall, COP wall or opposite COP wall. In addition, you can choose a ceiling, floor and skirting, handrails and COP.



Custom cabin

With this option, you get a cabin equipped only with a ceiling and a COP from your chosen design line. You are then free to choose your own floor, if you wish, and can also equip the cabin with your own wall finish and skirting.



Panoramic rear wall

Enlarge your views with a panoramic rear wall, always combined with the elegance of stainless steel frames. A panoramic rear wall gives the cabin spaciousness and allows natural light to enter.



Panoramic cabin

Full panoramic cabins have 3 glass walls combined with elegant stainless steel frames. All-round visibility, brightness and optical enlargement of the cabin – the advantages speak for themselves.

If you have any questions regarding the cabin design, original samples or individual design, please contact your TKE sales representative.

To discover the full design collection, please see the dedicated Design Book on our website.



Panels, buttons, handrails, and more for evolution 200

Car Operating Panels (COP)



evolution 200 offers 4 different elegant vertical car operating panels with robust stainless steel or tempered glass surface and an integrated 7" TFT display.

Landing Direction Indicator Panels (LDIP) & Landing Indicator Panels (LIP)



LDIP 50: 91 x 101 x 21 mm

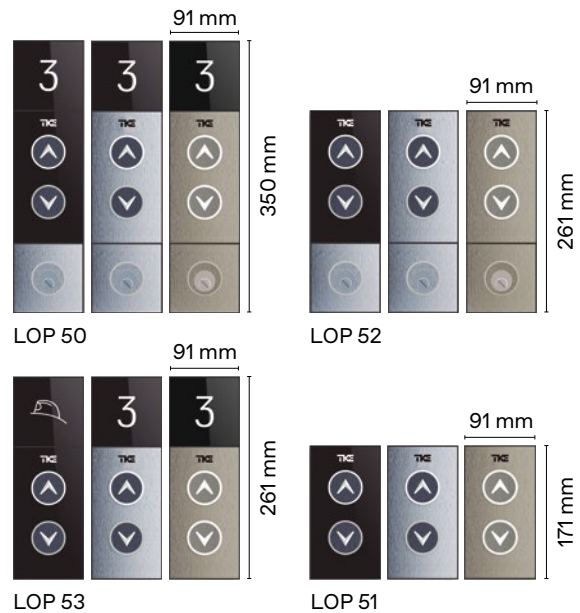


LIP 50: 261 x 91 x 21 mm

Achieve a modern and neutral look with a black glass face plate.

Note: For evolution 200, various additional fixtures are available, including vandal-resistant options. Please see our dedicated Design Book for more options.

Landing Operating Panels (LOP)



The modular concept of the landing operator panels allows a customised configuration. They feature stainless steel buttons, and optionally a TFT 3.5" display as well as a key switch zone. Front plate available in stainless steel or black glass.

Push-buttons



DB push-button
Stainless steel
Satin Silver



DB push-button
Stainless steel
Satin Black



DB push-button
Stainless steel
Satin Champagne



VB push-button
Stainless steel
Satin Black
Vandal-resistant



Blueton
Stainless steel
Satin Black



Step
Classic
Stainless steel
Satin Black

Four different push-buttons are available for evolution. All are conform with the new EN81-70 and with LED acknowledgement light. The DB push-button is available with Braille lettering. The VB push-button is vandal-resistant and conform with EN81-71:Cat.1.

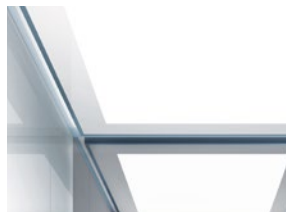
Panels

evolution 200 offers a variety of wall panels in the design lines C, B and A: high-quality laminates, stainless steel in different finishes, powder coatings or decorative glass walls for an exclusive look.



Ceilings

Our ceilings complement the colours and materials of the elevator walls. Choose from different lighting styles and colours with direct or indirect lighting to create the desired atmosphere in your cabin.



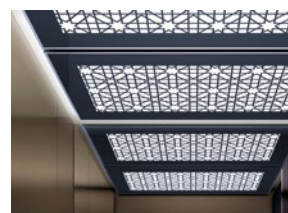
Lightbox large



Grille

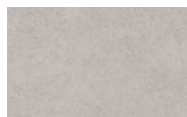


Runaway

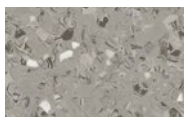


Agrabah large

Floors



Concrete Light
Grey vinyl



Eminent Grey
vinyl



Esquisse Grey
vinyl

Choose from hard wearing steel flooring for functional requirements or easy to clean vinyls for a more exclusive design. You also have the option to supply your own flooring.

Handrails



Stainless steel Satin Silver,
straight fixing

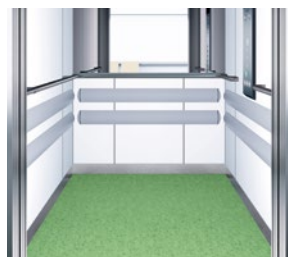


Stainless steel Satin Black,
sloped fixing

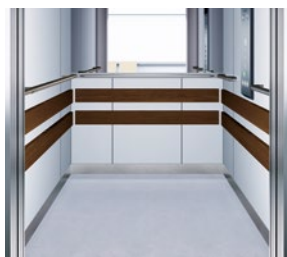
Strong stainless steel handrails with straight or sloped fixing. Curved ends and a silver or black stainless steel finish perfectly complement your predefined cabin.

Bumpers

To protect your cabin wall from damage, bumper rails can be mounted as an option in different heights. Available in stainless steel or variants of PVC or wood.



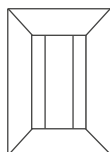
Bumper PVC
Snow White



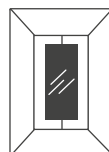
Bumper Wooden
European Oak

Mirrors

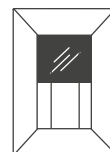
Integrated mirrors in the rear or side walls in case of double entrance, make the cabin feel more spacious and create appealing ceiling light reflections. You can also choose a cabin without mirror.



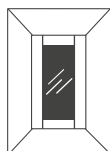
Without
mirror



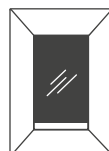
Mirror
strip,
partial-
width,
partial-
height



Full-
width,
mid-
height



Partial-
width,
full-
height



Full-
width,
full-
height

SELECTED FEATURES AND OPTIONS

Comfort

Accessibility

Door open/close and alarm push-button	■
Big push-buttons with Braille lettering	■
Round green frame in main floor push-button	■
Adjustable sound level (35-65 dBA)	■
Luminance contrast in fixtures	■
Acoustic request acknowledgement in the operating panel	■
Induction loop for hearing-impaired passengers	□

Access control

Cancellation calls by double click in COP	□
Key switch in COP/LOP for access/functions	□
Preference/Independent service of COP	□
Out of service LOP	□
Penthouse control	□
VIP function	□
Prepared for card reader LOP/COP	□
COP for disabled persons	□

Others

Car ventilation fan	□
CCTV multimedia travelling cable	□
Roller guides in car and counterweight	□
Cabin noise reduction kit	□
Floor light circuit	□

Performance

Parking level in main landing floor	■
Group control system (up to 3 elevators)	□
Group control system (up to 8 elevators)	□
Building Management System (BMS)	□
Extended Building Management System (BMS)	□
Machine 180 starts/hour (1 m/s)	□
Pre-opening of doors	□

Layout

Flexible car dimension in 50 mm-steps	□
Flexible door placement	□
Reduced overhead	□
Reduced pit	□

Efficiency

Energy-saving LED lighting	■
Cabin lighting stand-by	■
Sleep mode	□
Regenerative drive	□
Trip Counter/Service metre	■
Highspeed/Eco mode	■

Safety & regulations

Prevention of empty car runs	■
Light curtain protection	■
Light curtain protection 3D	□

Emergency lighting in cabin 1 h	■
Automatic evacuation to next landing	■
Automatic evacuation to any landing	□
Two-/three-way intercom	□
Safety gear on counterweight	□
Water pit sensor	□
Halogen-free shaft wiring (except for the motor and travelling cable)	□
Doors fire rating EI60 / EI120	□
EN 81-20/50, Lifts construction and components testing	■
EN 81-21, Existing buildings	■
EN 81-28, Emergency call system	■
EN 81-70, Accessibility to lifts	□
EN 81-71, Vandal-resistant (components), partially Category 1	□
EN 81-72, Fire fighter lift	□
EN 81-73, Fire evacuation	□
EN 81-77, Seismic, Category 0, 1, 2	□

Design

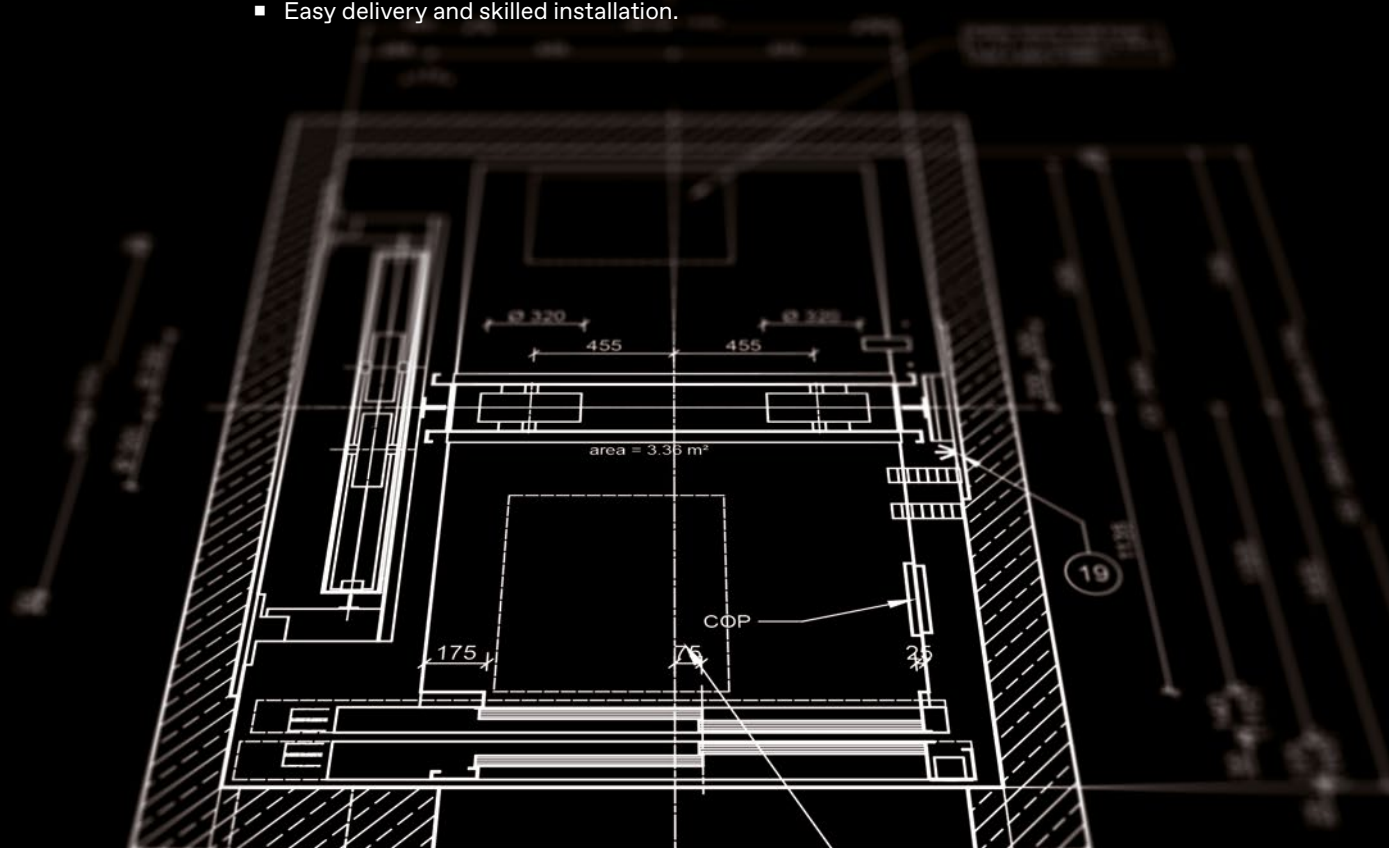
Predesigned cabins	■
Glass walls finish	□
Custom-fit cabin designs: wall finish selection/glass printing	□
Custom-fit cabin designs: wall finish selection/glass printing/raw cabin	□
Preparation for customer-supplied flooring ≤ 25 m	■
Stainless steel COP/LOP	■
Glass faceplate for COP/LOP	□
LCD display in COP	□
TFT 7" display in COP	■
Courtesy LED backlighting in COP	□
LOP, LIP and LDIP surface-mounted on door frame or wall	□
Different push-buttons available	□
Flush COP available	□
Selectable controller cabinet position	□
Framed glass doors	□
Frameless glass doors	□
Panoramic cabin, glass rear wall	□
Panoramic cabin, three glass walls	□
Landing doors in primed coating RAL 7032, for painting at jobsite	■
Landing doors in powder coating RAL 9016, RAL 9006	□
Landing doors in ferritic stainless steel Gr.220D (AISI 441)	□
Landing doors in stainless steel Linen, Leather, Diamond, Champagne	□
Cabin doors in ferritic stainless steel Gr.220D (AISI 441)	■
Cabin doors in stainless steel Linen, Leather, Diamond, Champagne	□

□ Optional product feature ■ Standard product feature

To discover the other options available for evolution 200, please contact your local TK Elevator sales representative. The details quoted in this sheet can only be viewed as binding when confirmed expressly in writing.

SUCCESS BEGINS WITH A GREAT PLAN

- We support you from the first idea through to completed installation.
- Our highly experienced commercial team will advise you on the best mobility solutions to meet your requirements.
- Easy delivery and skilled installation.



evolution 200 ePlanning tool

Make the most of your building space and find the optimal dimensions for your new evolution 200 cabin. All you need is either the shaft or cabin measurements. For new installations, you can simply find the smallest possible shaft dimensions for a specific cabin size. For modernisation projects, you can easily optimise the cabin size to fit a particular shaft.



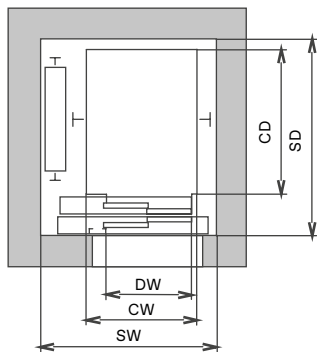
eplanning.tkelevator.com

Technical product scope

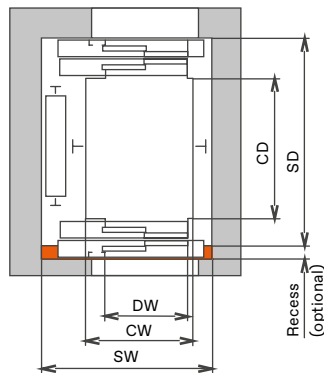
Door options

Shaft layout with side-opening door L2

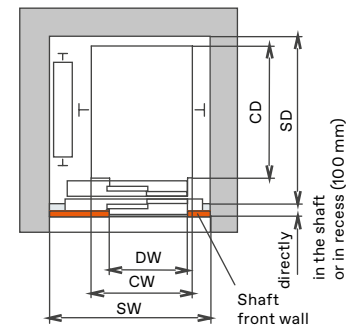
Single entrance



Double entrance with recess

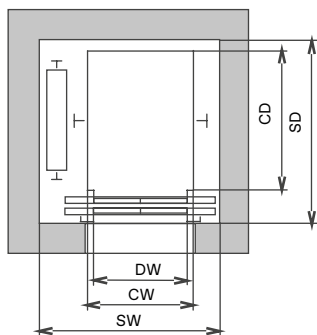


Single entrance, shaft front wall with gap cover

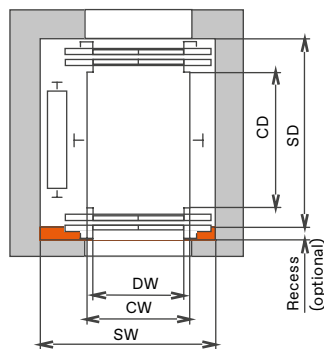


Shaft layout with central-opening door C2

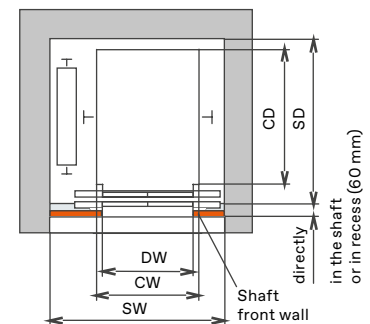
Single entrance



Double entrance with recess



Single entrance, shaft front wall with gap cover



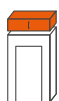
Key:

CW: car width
CD: car depth
CH: car height
SW: shaft width
SD: shaft depth
SH: shaft head
SP: shaft pit

DW: door width
DH: door height
FFL: finished floor level
UFL: unfinished floor level
TH: travel height
HST: min. height between floors

Shaft planning layout

TECHNICAL DATA



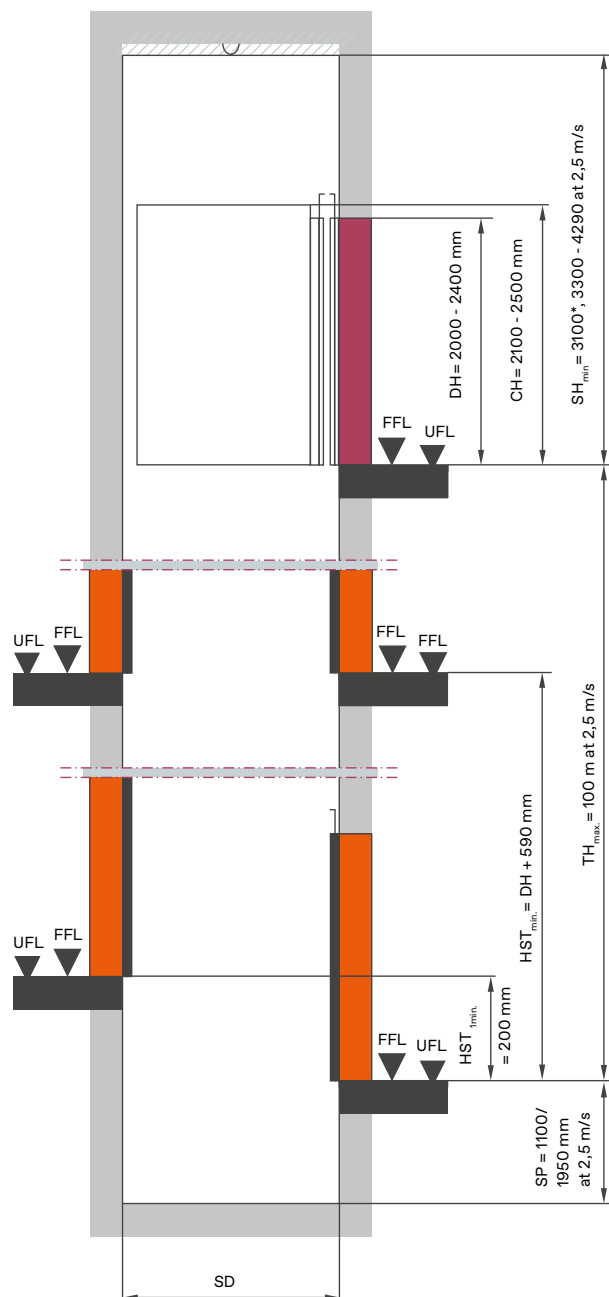
Shaft head dimensions

Speed	Shaft head (mm)	Rated load (kg)	Car height (mm) ¹⁾
1.0 m/s	3,300 / 2,900*	<=1,000	2,100
1.0 m/s	3,300 / 2,950*	>1,000-1,600	2,100
1.6 m/s	3,500	<=1,000	2,100
1.6 m/s	3,500	>1,000-1,600	2,100
1.6 m/s	3,855	>=1,600	2,100
2.0 m/s	4,055	>1,000-1,600	2,100
2.0 m/s	4,055	<=1,000	2,100
2.5 m/s	4,290	<=1,000	2,100
2.5 m/s	4,290	>1,000-1,600	2,100



Shaft pit dimensions

Speed	Shaft pit (mm)	Rated load (kg)
1.0 m/s	1,100 / 900**	<=1,000
1.0 m/s	1,150 / 900**	>1,000-1,600
1.6 m/s	1,200	<=1,000
1.6 m/s	1,250	>1,000-1,600
1.6 m/s	1,500	>=1,600
2.0 m/s	1,500	<=1,000
2.0 m/s	1,500	>1,000-1,600
2.5 m/s	1,950	<=1,000
2.5 m/s	1,950	>1,000-1,600



* reduced shaft head option available

** reduced shaft pit option available

¹⁾ An increase in car height always results in an equal increase of the shaft head (e.g. CH+100 mm leads to SH+100 mm)

Shaft planning layout

SYSTEM				CABIN		DOOR			SHAFT						
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (m)	Car width x car depth (mm)	Car height (mm)	Type of entrance	Door type	Door width (mm)	Door height (mm)	Shaft width (mm)	Shaft depth (mm) - door in shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²⁾
															
450	6	1.0	40	1000×1300	2100-2500	S/D	L2/C2/C4	800-900	2000-2400						
					2100	S	L2	800	2000	1560	1650	1595	1550	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	L2	800	2000	1560	1890	1780	1690	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	S	C2	800	2000	1760	1590	1530	1530	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	C2	800	2000	1760	1770	1650	1650	1100/900 ³⁾	3300/3100 ⁴⁾
	1.6	60								1514 (L2)/1760 (C2)	¹⁾	¹⁾	¹⁾	1200	3500
630	8	1.0	40	1100×1400	2100-2500	S/D	L2/C2/C4	800-1000	2000-2400						
					2100	S	L2	900	2000	1605	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	L2	900	2000	1605	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	S	C2	900	2000	1960	1740	1680	1680	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	C2	900	2000	1960	1920	1800	1800	1100/900 ³⁾	3300/3100 ⁴⁾
	1.6	60								1614 (L2)/1960 (C2)	¹⁾	¹⁾	¹⁾	1200	3500
	2.0	80								1664 (L2)/1960 (C2)	¹⁾	¹⁾	-	1500	4055
	2.5	100								1739 (L2)/1977 (C2)	¹⁾	-	-	1950	4290
800	10	1.0	40	1350×1400	2100-2500	S/D	L2/C2/C4	800-1200	2000-2400						
					2100	S	L2	900	2000	1850	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	L2	900	2000	1850	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	S	C2	900	2000	2015	1740	1720	1680	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	C2	900	2000	2015	1920	1880	1800	1100/900 ³⁾	3300/3100 ⁴⁾
	1.6	60								1864 (L2)/2022 (C2)	¹⁾	¹⁾	¹⁾	1200	3500
	2.0	80								1989 (L2)/2102 (C2) ⁵⁾	¹⁾	¹⁾	¹⁾	1500	4055
	2.5	100								1989 (L2)/2102 (C2) ⁵⁾	¹⁾	¹⁾	¹⁾	1950	4290



The values shown correspond to a generic installation. Please contact your TK Elevator sales representative for guaranteed shaft dimensions for specific projects, especially for reduced shaft head and/or pit. During the planning phase, all applicable regulations stipulated by relevant notified bodies and all applicable national regulations should also be considered.

SYSTEM				CABIN		DOOR			SHAFT						
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (m)	Car width x car depth (mm)	Car height (mm)	Type of entrance	Door type	Door width (mm)	Door height (mm)	Shaft width (mm)	Shaft depth (mm) - door in shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²⁾
1000	13	1.0	40	1100×2100	2100-2500	S/D	L2/C2/C4	800-1000	2000-2400						
					2100	S	L2	900	2000	1605	2500	2445	2400	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	L2	900	2000	1605	2740	2630	2540	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	S	C2	900	2000	1960	2440	2380	2380	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	C2	900	2000	1960	2620	2500	2500	1100/900 ³⁾	3300/3100 ⁴⁾
		1.6	60							1614 (L2)/1960 (C2)	¹⁾	¹⁾	¹⁾	1200	3500
		2.0	80							1664 (L2)/1960 (C2)	¹⁾	¹⁾	¹⁾	1500	4055
		2.5	100							1739 (L2)/1977 (C2)	¹⁾	¹⁾	¹⁾	1950	4290
1000	13	1.0	40	1600×1400	2100-2500	S/D	L2/C2/C4	800-1500	2000-2400						
					2100	S	L2	1000	2000	2100	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	L2	1000	2000	2100	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	S	C2	1000	2000	2240	1740	1680	1680	1100/900 ³⁾	3300/3100 ⁴⁾
					2100	D	C2	1000	2000	2240	1920	1800	1800	1100/900 ³⁾	3300/3100 ⁴⁾
		1.6	60							2114 (L2)/2247 (C2)	¹⁾	¹⁾	¹⁾	1200	3500
		2.0	80							2239 (L2)/2327 (C2) ⁵⁾	¹⁾	¹⁾	¹⁾	1500	4055
1000	13	1.0	40	2100×1100	2100-2500	S/D	L2/C2/C4	800-2000	2000-2400						
					2100	S	L2	1300	2000	2600	1600	1545	1500	1150/950 ³⁾	3300
					2100	S	C2	1300	2000	2790	1540	1480	1480	1150/950 ³⁾	3300
		1.6	60							2614 (L2)/2797 (C2)	¹⁾	¹⁾	¹⁾	1250	3500

SYSTEM				CABIN		DOOR				SHAFT							
 Rated load (kg)	 Number of passengers	 Speed (m/s)	 Max. travel height (m)	 Car width x car depth (mm)	 Car height (mm)	Type of entrance	Door type	 Door width (mm)	 Door height (mm)	 Shaft width (mm)	 Shaft depth (mm) - door in shaft	 Shaft depth (mm) - door in recess	 Shaft depth (mm) - door in deep recess	 Shaft pit (mm)	 Shaft head (mm) for cabin height = 2100 mm ²⁾		
1275	17	1.0	40	1200×2300	2100-2500	S/D	L2/C2/C4	800-1100	2000-2400								
					2100	S	L2	1000	2000	1745	2700	2645	2600	1150	3300		
					2100	D	L2	1000	2000	1745	2940	2830	2740	1150	3300		
					2100	S	C2	1000	2000	2160	2640	2580	2580	1150	3300		
					2100	D	C2	1000	2000	2160	2820	2700	2700	1150	3300		
					1.6	60				1752 (L2)/2160 (C2)	¹⁾	¹⁾	¹⁾	1250	3500		
					2.0	80				1762 (L2)/2160 (C2)	¹⁾	¹⁾	¹⁾	1500	4055		
					2.5	100				1837 (L2)/2160 (C2)	¹⁾	¹⁾	¹⁾	1950	4290		
		1.6	60														
		2.0	80														
2.5	100																
1275	17	1.0	40	2000×1400	2100-2500	S/D	L2/C2/C4	800-1900	2000-2400								
					2100	S	L2	1300	2000	2540	1800	1745	1700	1150	3300		
					2100	D	L2	1300	2000	2540	2040	1930	1840	1150	3300		
					2100	S	C2	1300	2000	2760	1740	1680	1680	1150	3300		
					2100	D	C2	1300	2000	2760	1920	1800	1800	1150	3300		
					1.6	60				2552 (L2)/2760 (C2)	¹⁾	¹⁾	¹⁾	1250	3500		
					2.0	80				2637 (L2)/2826 (C2)	¹⁾	-	-	1500	4055		
					2.5	100				2826 (C2)	¹⁾	-	-	1950	4290		
		1.6	60														
		2.0	80														
2.5	100																
1600	21	1.0	40	1400×2400	2100-2500	S/D	L2/C2/C4	800-1300	2000-2400								
					2100	S	L2	1100	2000	1940	2800	2745	2700	1150	3300		
					2100	D	L2	1100	2000	1940	3040	2930	2840	1150	3300		
					2100	S	C2	1100	2000	2360	2740	2680	2680	1150	3300		
					2100	D	C2	1100	2000	2360	2920	2800	2800	1150	3300		
					1.6	60				1952 (L2)/2360 (C2)	¹⁾	¹⁾	¹⁾	1250	3500		
					2.0	80				1962 (L2)/2360 (C2)	¹⁾	¹⁾	¹⁾	1500	4055		
					2.5	100				2037 (L2)/2360 (C2)	¹⁾	¹⁾	¹⁾	1950	4290		

¹⁾ The shaft depth does not depend on the speed: at $v \geq 1.6$ m/s, the corresponding values as specified in the lines with $v = 1.0$ m/s apply.

²⁾ Headroom height with KH = 2100 mm and telescopic railing on the car roof, otherwise +400 mm.

³⁾ Reduced pit depth available as an option (rated load ≤ 1000 kg, travel height ≤ 30 m, speed 1.0 m/s).

⁴⁾ Reduced headroom height available as an option (rated load ≤ 1000 kg, travel height ≤ 40 m, speed 1.0 m/s, with power regeneration, sliding guides on the counterweight and without safety gear on the counterweight).

⁵⁾ With machine upgrade DAF270

⁶⁾ With DAF210

L2 - double-panel telescopic opening sliding door (left or right opening), C2 - double-panel central-opening sliding door, C4 - four-panel central-opening sliding door. Recess depths: door type L2: recess = 55 mm, deep recess = 100 mm; door type C2: recess = 60 mm, deep recess = 60 mm & deep recess = 100 mm. Type of entrance: S - single entrance, D - dual entrance (180°). Shaft tolerance: ± 25 mm, shaft tolerance in the area of the headroom / shaft pit - 0 mm/ + 25 mm. Depending on the equipment, the shaft dimensions can deviate from the specified values (for example special position of the car operating panel). Examples of shaft dimensions for the door types L2, C2 and C4 are specified with common door widths. For door dimensions deviating from this, the corresponding shaft dimensions are available on request.

SYSTEM				CABIN		DOOR				SHAFT							
 Rated load (kg)	 Number of passengers	 Speed (m/s)	 Max. travel height (m)	 Car width x car depth (mm)	 Car height (mm)	Type of entrance	Door type	 Door width (mm)	 Door height (mm)	 Shaft width (mm)	 Shaft depth (mm) - door in shaft	 Shaft depth (mm) - door in recess	 Shaft depth (mm) - door in deep recess	 Shaft pit (mm)	 Shaft head (mm) for cabin height = 2100 mm ²⁾		
1600	21	1.0	40	1950×1750	2100-2500	S/D	L2/C2/C4	800-1800	2000-2400								
					2100	S	L2	1300	2000	2490	2150	2095	2050	1150	3300		
					2100	D	L2	1300	2000	2490	2390	2280	2190	1150	3300		
					2100	S	C2	1300	2000	2760	2090	2030	2030	1150	3300		
					2100	D	C2	1300	2000	2760	2270	2150	2150	1150	3300		
		1.6	60								2504 (L2)/2760 (C2)	1)	1)	1)	1250	3500	
											2589 (L2)/2802 (C2)	1)	-	-	1500	4055	
											2589 (L2)/2802 (C2)	1)	1)	1)	1950	4290	
		2.0	80	2100×1600	2100-2500	S/D	L2/C2/C4	800-2000	2000-2400								
					2100	S	L2	1300	2000	2640	2000	1945	1900	1150	3300		
					2100	D	L2	1300	2000	2640	2240	2130	2040	1150	3300		
					2100	S	C2	1300	2000	2800	1940	1880	1880	1150	3300		
					2100	D	C2	1300	2000	2800	2120	2000	2000	1150	3300		
		1.6	60								2654 (L2)/2807 (C2)	1)	1)	1)	1250	3500	
											2739 (L2)/2877 (C2)	1)	-	-	1500	4055	
											2739 (L2)/2877 (C2)	1)	1)	1)	1950	4290	
2000	26	1.0	40	1500×2700	2100-2500	S/D	L2/C2/C4	800-1400	2000-2400								
					2100	S	L2	1300	2000	2253	3100	3045	3000	1250	3700		
					2100	D	L2	1300	2000	2253	3340	3230	3140	1250	3700		
					2100	S	C2	1300	2000	2760	3040	2980	2980	1250	3700		
					2100	D	C2	1300	2000	2760	3220	3100	3100	1250	3700		
		1.6	60								2259 (L2)/2760 (C2)	1)	1)	1)	1350	3855	
											2259 (L2)/2760 (C2)	1)	1)	1)	1500	4055	
											2259 (L2)/2760 (C2)	1)	1)	1)	1500	4055	
		2500	33	1.0	40	1800×2700	2100-2500	S/D	L2/C2/C4	800-1700	2000-2400						
							2100	S	C4	1600	2000	2665	3100	3045	-	1300	3700
							2100	D	C4	1600	2000	2665	3340	3230	-	1300	3700
							1.6	60						2671 (C4)	1)	1)	-



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