



## Panoramic car

### Description

#### Car appearance

Elegant, high-class full panoramic cars and cars with panoramic rear panel.

#### Custom design

Highly configurable to suit building's aesthetic requirements. Prepared for panoramic and non-panoramic elevators with attractive range of openings. Not valid for outdoor installations.

#### Car decor

- Panoramic Car - 3-sided panoramic car with SST frames
- Panoramic Car - Only panoramic rear panel with SST frames and lateral walls in St. Steel

#### COP

Edge high<sup>(2)</sup>

#### Doors

- Type: C2 / L2
- DW (door width): 800 / 900 / 1000 mm
- DH (door height): 2,000 / 2,100 / 2,300 mm

#### Boarding

0 / 180°

#### Note

- (1) Rollers available up to 1.6 m and P+Qmax + compensation chain <= 2313 kg  
 (2) Recommended model due to Stainless Steel finish car

#### General overview

Q (Kg)	v (m/s)		
	1 <sup>(1)</sup>	1,6 <sup>(1)</sup>	1,75
450	•	-	-
630	•	•	•
1000	•	•	•
Travel height max. (m)	45	60	60

- Available
- No available

#### Contact

Elevator Technology

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## Technical details

General technical specifications		
Features	Description	
<b>Technical and electrical data</b>		
Standard / legislation	EN 81-20:2014 & EN 81-50:2014	
Vehicle	panoramic + synergy car frame <sup>(1)</sup>	
Balustrade height (mm)	700 & 1100	
Balustrade finish	Painted RAL 7042	
Car	panoramic <sup>(1)</sup>	
Car indicator	TFT 7"	
Car lighting	Grille   essence Lightbox, serigraph RAL 9016 <sup>(2)</sup>	
Car frame	Painted RAL 7042	
Car outer cladding	Glass panels	AISI 441 Gr 220D
	Car sling area	
Overhead & reduced pit	No	
Upper & lower external car cladding	Optional under request	
Counterweight finish	Painted RAL 7042	
Guide brackets & fastenings	Painted RAL 7042	
<b>Design features</b>		
Decoration	0°- 3 sided panoramic or rear panoramic only 180°- 2 sided panoramic	
Skirting / transom	Yes (Structural skirting)	
Floor	Prepared for local flooring supply, 20 mm thickness	
Handrail (mm)	Curved Ø38	
Handrail finish	Stainless Steel AISI 304	
COP	Edge high <sup>(2)</sup>	
COP location	In the same position as car frame <sup>(3)</sup>	
Platform external finish	Painted RAL 7042	
Ceiling external finish	Painted RAL 7042	

### Note

- (1) The car is manufactured by an external supplier  
 (2) Recommended model due to Stainless Steel finish car.  
 (3) Only one COP. In those cases with only panoramic rear panel, the COP will be centered with the inner bottom of the car.  
 (4) With roller guide up to 1.6 m/sec and P+Q+Compensation Chain max. 2313 kg.  
 (5) Only in Big Vision doors.  
 Any characteristic not described above needs to be analyzed by Cluster as an individual requirement.

General technical specifications	
Features	Description
<b>Doors features</b>	
Door type & manufacturer	TKE-F Type PM/ TKE-F Type High performance
Landing indicator & landing operating panel	According to synergy catalogue
Light curtain	Yes
Advanced door opening	Yes
Sliding guide	Yes
Roller guide	Yes <sup>(4)</sup>
Trap door	Optional under request
Car door frame	AISI 441 Gr220D
Door finish	Stainless Steel AISI 441 Gr 220D & Big Vision
Door sill	Aluminum
Car door upper cladding	Not available, door header painted RAL 7004
Landing door upper cladding	Yes, Stainless Steel AISI 441 Gr 220D <sup>(5)</sup>
Toeguard	Stainless Steel AISI 441 Gr 220D
<b>Enhanced options</b>	
Ventilation	Car door frame
Car fan	Optional under request
Air conditioner	Optional under request
Shaft wiring cover	Painted RAL 7035, dimensions 60x150
	UCP bracket in Stainless Steel

## Shaft dimensions

Capacity Q kg	Door		Shaft 1 m/s			1 m/s		Shaft 1.6 - 1.75 m/s			1.6 m/s		1.75 m/s			
	CW mm	CD mm	DO mm	DW mm	Min. SW mm	Min. SE mm	Min. SD DE mm	P mm	O mm	Min. SW mm	Min. SE mm	Min. SD DE mm	P mm	O mm	P mm	O mm
450	1000	1250	L2	800	1500	1540	1670	1320 <sup>(1)</sup>		-	-	-				
				800	1600	1690	1820		1630	1700	1820					
				900	1600	1690	1820		1630	1700	1820					
630	1100	1400	C2	800	1780	1680	1750			1810	1660	1750				
				900	1940	1680	1750		1970	1660	1750					
				900	1650	2410	2520		1660	2400	2520	1322 <sup>(1)(2)</sup>	CH+1420 <sup>(5)</sup>	1430 <sup>(1)(2)</sup>	CH+1550 <sup>(5)</sup>	
1000	1100	2100	L2	1000	1730	2410	2520	1220 <sup>(1)</sup>	CH+1200 <sup>(5)</sup>	1770	2400	2520				
				900	1940	2360	2450		1970	2360	2450					
				1000	2110	2360	2450		2170	2360	2450					
	1400	1600	L2	900	1950	1910	2020			1960	1900	2020				
				1000	1935	1910	2020		1960	1900	2020					
				900	2050	1880	1950		2090	1860	1950					
1000	2150	1860	1950						2190	1860	1950					

## Note

The values shown correspond to a generic installation. Dimensions according to following criteria:

- car with sling
- car height CH=2200 mm
- tkE-F- Type PM car door and tkE-F-tType 180 landing doors on recess. DH=2000 mm

## Installation options

- (1) Minimum Pit for B<1350 mm.  
 (2) Dimension for DongFang buffer. For other type of buffer, please contact with your cluster.  
 (3) Clear dimensions, excluding beams and hooks.

## Relation DH / CH available

DH (mm)	CH (mm)		
	2200	2300	2400
2000	•	-	-
2100	•	•	•
2300	-	-	•

- Available
- No available

## Legend

Q: Load  
 CW: Car width  
 CD: Car depth  
 CH: Car height  
 DH: Door height  
 DO: Door opening  
 DW: Door width  
 SD: Shaft depth  
 SW: Shaft width  
 P: Pit  
 O: Overhead  
 SE: Single entrance  
 DE: Dual entrance  
 L2: Two panel side-opening door  
 C2: Two panel central-opening door

During the planning phase, please consider all applicable regulations stipulated by the relevant notified body and all applicable national regulations.

The information provided is for general planning and reference only. For other configuration or specific project requirements, please consult our thyssenkrupp Elevator sales representative.

## Annex 1

View of Panoramic Car



## Annex 2

View of Car Operating Panel

