

KONE E MONOSPACE[®] DX

This cost-effective machine room-less elevator solution for residential buildings is durable, easy to maintain, and available in a range of attractive car designs that all feature clear, easy-to-use signalization.

KEY SPECIFICATIONS



API ready



Connected



Max. load capacity
1,000 kg



Max. speed
1.75 m/s



A-Class energy efficient
ISO 25745 rating



Max. travel
75 m



Max. floors
28



Max. persons
13



Max. group size
3



Regenerative
drive technology



↑
8



KONE

13
1000

12345678

8

7

Easy to upgrade

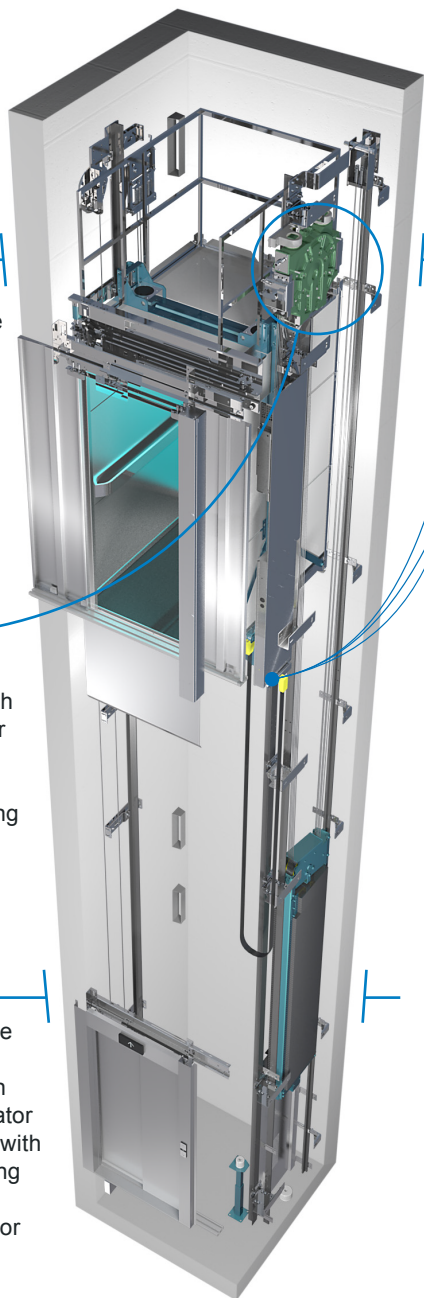
With easy digital integration and the possibility to upgrade in the future as your needs change, you're all set to add new connected services as and when you need them.

Best-in-class energy efficiency

Save energy and cut your building's carbon footprint with a machine room-less elevator that offers eco-efficient hoisting, high-efficiency regenerative drive, long-lasting LED lighting, and energy-saving standby operation.

Space efficiency

Installing everything inside the elevator shaft frees up space for more profitable use. When completely replacing an elevator we can improve accessibility with a bigger car and wider-opening doors – and even reclaim the machine room as rentable floor space.



FUTURE-PROOF YOUR BUILDING WITH CONNECTIVITY

The KONE E MonoSpace DX takes our market-leading eco-efficient elevators and adds connectivity to make them smarter and more desirable than ever before.

Connected people flow means your elevator solution never stands still and your building gets better with every update.

To bring you peace of mind in the digital world, cybersecurity and privacy are designed into our digital services and connections. Monitoring our digital environments around the clock helps us take proper care of them for you now and in the future.

DIFFERENTIATE WITH A REDEFINED USER EXPERIENCE FOR TENANTS AND VISITORS

With KONE E MonoSpace DX Class elevators you can harness the power of digitalization to take the elevator journey far beyond the ordinary. A whole new range of car designs, material options, and lighting and signalization choices – as well as customizable digital infotainment solutions and health and well-being solutions – adds value to your building.

Anti-stain, anti-fingerprint coating: This specialized coating helps keep colored stainless steel elevator materials looking as good as new by preventing staining and making fingerprints less visible.

FUNCTIONAL, DURABLE MATERIALS

Design a car interior that's easier than ever to clean, maintain, and keep looking its best with our new range of innovative materials, including finishes with anti-fingerprint properties.*

HUMAN, INSIGHT-DRIVEN DESIGN

People are the lifeblood of buildings, so our design philosophy is based on a human insight-driven approach that takes the whole elevator experience into account to make sure it connects on every level – from the visual to the emotional, and everything in between.




HEALTH AND WELL-BEING SOLUTIONS

KONE's people flow expertise, together with a range of health and well-being solutions, help to increase safety and contribute to a healthier building environment.

INSPIRING INFOTAINMENT SOLUTIONS

From crisp, clear, easily updatable in-car infotainment screens to fully customizable media content, KONE DX Class elevators offer a host of different ways to inform, entertain, and inspire passengers.

ATTRACTIVE, DURABLE WALL, DOOR, AND FLOORING OPTIONS

 Green Mark
 LEED/BREEAM
 LEED/BREEAM and Green Mark

* Anti-stain, anti-fingerprint coating: This specialized coating helps keep colored stainless steel elevator materials looking as good as new by preventing staining and making fingerprints less visible.

WALL MATERIALS

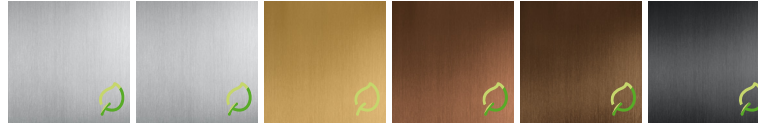
HEALTH & WELL-BEING SOLUTIONS

BRUSHED STAINLESS STEEL WITH ANTI-FINGERPRINT COATING



ST4AFP Silver brushed stainless steel with anti-fingerprint coating
ST2AFP Gold brushed stainless steel with anti-fingerprint coating
ST5AFP Copper brushed stainless steel with anti-fingerprint coating
ST6AFP Bronze brushed stainless steel with anti-fingerprint coating
CB Carbon black brushed stainless steel with anti-fingerprint coating

BRUSHED STAINLESS STEEL



ST4 Silver brushed stainless steel
ST4LH Silver long hairline
ST2 Gold brushed stainless steel
ST5 Copper brushed stainless steel
ST6 Bronze brushed stainless steel



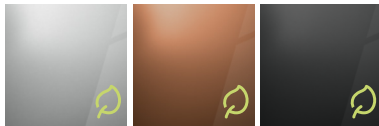
ST7 Carbon black brushed stainless steel
ST8 Champagne Gold brushed stainless steel
ST43 Silver brushed stainless steel
ST43LH Silver long hairline

WOODEN PRINTED STEEL



WS1 Light wooden printed steel
WS2 Warm wooden printed steel
WS3 Dark wooden printed steel

MIRROR-POLISHED STAINLESS STEEL



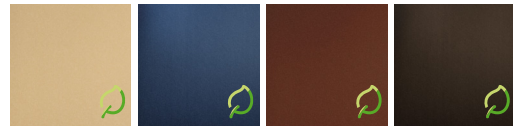
MP1 Silver mirror polished stainless steel
MP4 Copper mirror polished stainless steel
MP5 Carbon Black, mirror polished stainless steel

PAINTED STEEL



PP10FT Pure White, fine textured painted steel
PP18FT Linen Brown, fine textured painted steel
PP20FT Wool Gray, fine textured painted steel

METALLIC PAINTED STEEL



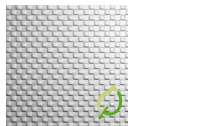
METP1FT Champagne, fine textured metallic painted steel
METP5FT Trustworthy Blue, fine textured metallic painted steel
METP6FT Iron Stone, fine textured metallic painted steel
METP7FT Metallic Black, fine textured metallic painted steel

ETCHED STAINLESS STEEL



ST36S Silver Graphics, etched stainless steel
ST37S Silver Chain, etched stainless steel
ST40S Silver Polygon, etched stainless steel
ST41S Silver Polygon, etched stainless steel
ST42S Silver Circle, etched stainless steel

TEXTURED STAINLESS STEEL



K Scottish Quad

DOOR MATERIALS

HEALTH & WELL-BEING SOLUTIONS

BRUSHED STAINLESS STEEL WITH ANTI-FINGERPRINT COATING



ST4AFP Silver brushed stainless steel with anti-fingerprint coating
ST2AFP Gold brushed stainless steel with anti-fingerprint coating
ST5AFP Copper brushed stainless steel with anti-fingerprint coating
ST6AFP Bronze brushed stainless steel with anti-fingerprint coating
CB Carbon black brushed stainless steel with anti-fingerprint coating

BRUSHED STAINLESS STEEL

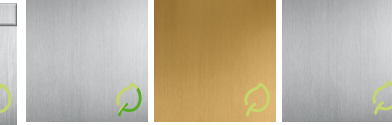


ST4 Silver brushed stainless steel
ST4LH Silver long hairline
ST2 Gold brushed stainless steel
ST5 Copper brushed stainless steel
ST6 Bronze brushed stainless steel



ST7 Carbon black brushed stainless steel
ST8 Champagne Gold brushed stainless steel
ST43 Silver brushed stainless steel
ST43LH Silver long hairline

BRUSHED STAINLESS STEEL



ST4 Silver brushed stainless steel, AISI304
ST2 Gold brushed stainless Steel
ST43 Silver brushed stainless steel

PAINTED STEEL



PP10FT Pure White, fine textured painted steel
PP18FT Linen Brown, fine textured painted steel
PP20FT Wool Gray, fine textured painted steel

METALLIC PAINTED STEEL



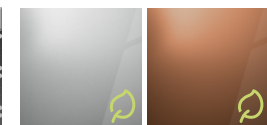
METP1FT Champagne, fine textured metallic painted steel
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METP6FT Iron Stone, fine textured metallic painted steel
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ETCHED STAINLESS STEEL



ST36S Silver Graphics, etched stainless steel
ST37S Silver Chain, etched stainless steel
ST40S Silver Polygon, etched stainless steel
ST41S Silver Polygon, etched stainless steel
ST42S Silver Circle, etched stainless steel

MIRROR-POLISHED STAINLESS STEEL



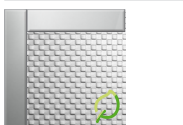
MP1 Silver mirror polished stainless steel
MP4 Copper mirror polished stainless steel

PAINTED STEEL



PP10FT Pure White, fine textured painted steel

TEXTURED STAINLESS STEEL



K Scottish Quad

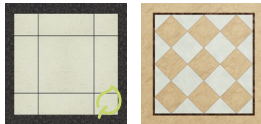
FLOOR MATERIALS

SINGLE-COLOR PVC



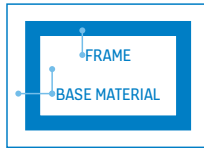
D6 Light Brown D25 Rocky Gray D32 Nordic White D33 Sandstone Brown D34 Laurent Black Brown

PATTERNED PVC



DG02 DG07

PVC FLOOR CUSTOMIZATION

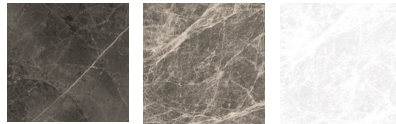


REAL GRANITE



M3R / M3H Black Golden Sand stone, granite

MARBLE TILE



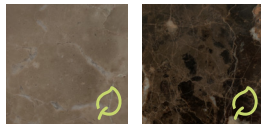
MT1 Elegant Black MT2 Frosty Gray MT3 White Marble

COMPOSITE STONE



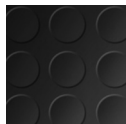
M4R / M4H Nature White, composite stone M5R Pebble Gray, composite stone M7R Light Sand, composite stone M12R Volakas white, composite stone

REAL MARBLE



N1R Castle Gray stone, marble N2R Dark Emperor stone, marble

RUBBER



RC7 Coin pattern, rubber floor

SIGNALIZATION

KDS 220 - CAREFULLY CRAFTED RELIABILITY

The KDS 220 signalization family provides excellent usability and reliability in a timeless design. Bright contrast LED or LCD displays and black and white operating buttons provide clear guidance for passengers inside the elevator car and on landings, while the sleek steel and tempered glass materials are stylish and durable.

CAR OPERATING PANEL (COP)

Faceplate finishes
Brushed stainless steel

Display
7-segment, dot-matrix. STN LCD
Amber LED, White LED

Mounting types
Surface mounted: landing, partial height & horizontal COP
Flush mounted: full-height COP

Buttons
Round surface mounted, Braille as an option, Square surface mounted with braille for EN81-70-2018, Relief marking round surface button for EN81-70_2021_A1

Horizontal COP (SEC keypad)

Horizontal COP (TTC keypad)

Horizontal COP (KDS floor button)

HALL LANTERNS AND INDICATORS

LANDING CALL STATION

LCS without indicator

Partial height COP

Full height COP

Buttons

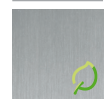
Silver stainless steel with Braille

Black glass

Silver stainless steel

Relief marking round surface

FINISHES



ST4AFP Silver brushed stainless steel with anti-fingerprint coating

LANDING DEVICES

Duplex LCI

Simplex LCI

KSS 280 - MODERN DURABILITY

The KSS 280 signalization family is designed to provide simple, reliable guidance in low and medium-rise residential buildings. Available with a partial or full-height residential buildings. Available with a partial or full-height COP, it features a sleek, hardwearing stainless steel faceplate and clear segmented LCD displays for the COP and landing devices.

CAR OPERATING PANEL (COP)

Faceplate finishings:
Asturias Satin Brushed Stainless Steel (F)

Displays:
Segmented LCD LED display (KSH 280)

Horizontal COP (SEC keypad)

Horizontal COP (TTC keypad)

Horizontal COP (KDS floor button)

Partial height, Surface mounted

red dot design award winner 2012

LANDING DEVICES

KSI 286

KSH 280

KSJ 280

KSL 270

KSC 288 Full height, Flush mounted

KSC 276 Full height, Flush mounted

KSL 284

KSL 286 Simplex

KSL 286 Duplex

ACCESSORIES

CEILING



CL70
Lighting: LED stripes
Finishing: ST4



CL71
Lighting: LED stripes
Finishing: ST4, ST43



CL80
Lighting: LED spot
Finishing: ST4, ST43, PP10FT, MP1



CL82
Lighting: LED spot
Finishing: ST4, ST43, PP10FT, MP1



CL91
Lighting: LED tubes
Finishing: ST4, PP10FT, ST43



CL103
Lighting: LED tubes
Finishing: ST4, ST43



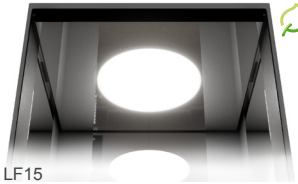
CL109
Lighting: LED PCB
Finishing: ST4, PP10FT



CL12
Lighting: LED
Finishing: ST43, PP10FT



LF10E
Lighting: LED tubes
Finishing: ST4, PP10FT



LF15
Lighting: LED PCB
Finishing: MP1

Green Mark
LEED/BREEAM
LEED/BREEAM and Green Mark

HANDRAILS



HR24R
Silver brushed stainless steel AISI304



HR31
Round aluminum with black plastic end

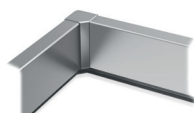


HR61
Brushed stainless steel, silver, gold, copper, bronze, carbon black, champagne gold, or P70 anti-bacteria finishing

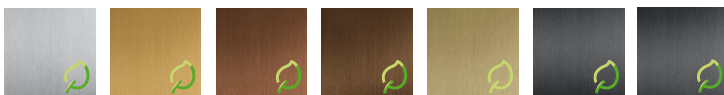


HR64
Brushed stainless steel, silver, gold, copper, bronze, carbon black, champagne gold, or P70 anti-bacteria finishing

SKIRTING



SK1
Silver, gold, copper, bronze, or carbon black brushed stainless steel



ST4

ST2

ST5

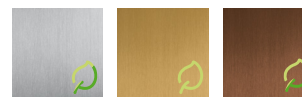
ST6

ST8

ST7

P70

Anti-bacteria
Health & well-being solutions



ST4

ST2

ST5



ST6

ST7

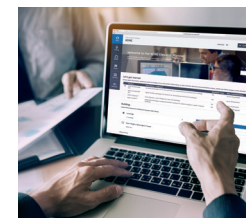
ST8



ST43

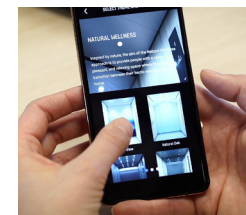
BUILD SMARTER

Our next-generation planning tools help you save time, make the right decisions first time, and plan your elevator down to the very last detail.



KONE ELEVATOR PLANNER

Get all the technical data you need in one easy-to-use tool, including downloadable CAD and BIM models, as well as detailed elevator specifications.



KONE CAR DESIGNER

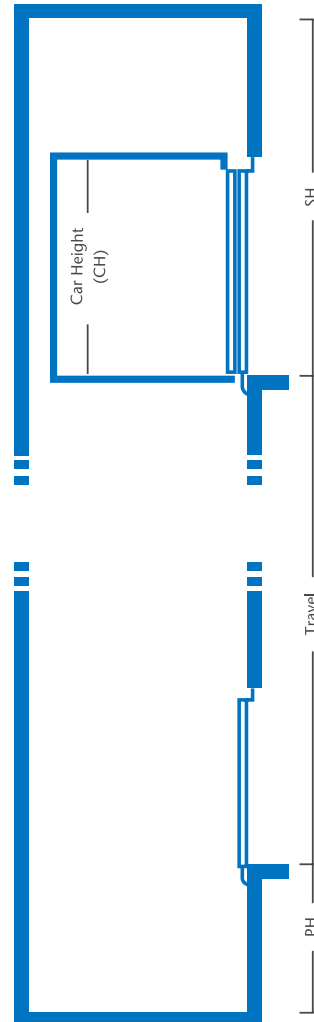
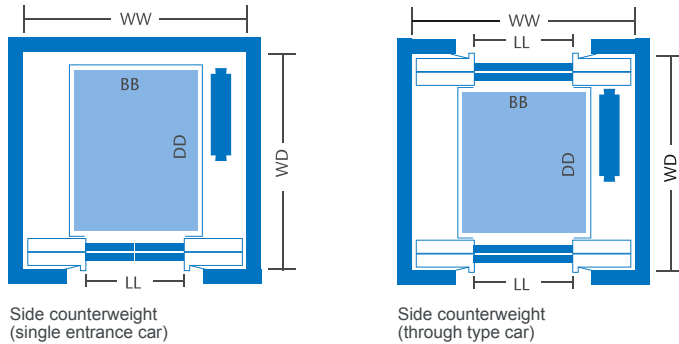
Check out our themed design directions or create your own unique car interior by combining materials, lighting, and accessories, then bring your vision to life with 3D modeling.

CHECK OUT OUR PLANNING TOOLS

www.kone.co.th



KONE E MONOSPACETM DX PLANNING DATA



Product overview

Speed (m/s)	1.0 to 2.5
Load (kg)	630 to 1150
Number of floors	max 48
Max travel (m)	up to 135
Car group size	max 4
Car type	Single entrance and through type
Car height (mm)	2200 to 2600
Door height (mm)	2100
Door width (mm)	800 to 1000
Door type	Center and side opening

Persons / rated load (kg)	Rated speed (m/s)	Car size BB × DD (mm)	Door type	Car type	LL (mm)	LR (mm)	WW (mm)		WD (mm)	
							NOM	MAX	NOM	MAX
04 / 320	1.0	900 × 1000	CO	SEC	700	900	1550	1800	1300	1930
				SO	700	900	1450	1750	1390	2030
05 / 400	1.0	950 × 1100	CO	SEC	800	1000	1750	1830	1480	1950
	1.0			SO	700	900	1500	1800	1490	2130
	1.0				800	1000	1500	1800	1490	2130
06 / 450	1.0	1100 × 1150	CO	SEC	800	1000	1750	1950	1440	2080
	1.0			SO	800	1000	1650	1950	1540	2180
	1.0	1000 × 1200	CO	SEC	800	1000	1750	1850	1570	2130
	1.0			SO	800	1000	1550	1850	1700	2200
	1.0		SO	TTC	800	1000	1550	1850	1760	1760
	1.0			CO	800	1000	1800	2050	1600	2000
1.0	1200 × 1100	SO	SEC	800	1000	1750	2030	1390	2030	
1.0			SO	800	1000	1750	2030	1390	2030	
06 / 480	1.0	950 × 1300	SO	SEC	700	900	1500	1800	1750	2300
	1.0			TTC	800	1000	1500	1800	1750	2300
	1.0	1000 × 1250	CO	SEC	700	900	1500	1800	1860	1860
	1.0			TTC	800	1000	1500	1800	1860	1860
	1.0		SO	SEC	800	1000	1750	1850	1600	2180
	1.0			TTC	900*	1100	1950	2050	1600	2180
	1.0	1000 × 1300	SO	SEC	800	1000	1550	1850	1700	2250
	1.0			TTC	800	1000	1550	1850	1810	1810
	1.0		SO	SEC	700	900	1550	1850	1700	2230
	1.0			TTC	800	1000	1550	1850	1700	2230
	1.0	1000 × 1300	SO	SEC	800	1000	1550	1850	1860	1860
	1.0			TTC	700	900	1550	1850	1860	1860
1.0	1200 × 1100	CO	SEC	800	1000	1800	2050	1600	2000	
1.0			SO	SEC	800	1000	1750	2050	1700	2030
08 / 630	1.0 / 1.6 / 1.75	1100 × 1400	CO	SEC	800	1000	1950	2170	1690	2330
				TTC	900	1100	1950	2170	1690	2330
			SO	SEC	800	1000	1650	2030	1790	2430
				SEC	900	1100	1650	2030	1790	2430
				SEC	1000	1200	1780	2030	1760	2430
				TTC	1000	1200	1780	2030	1960	1960
		1200 × 1250	CO	SEC	800	1000	1800	1950	1600	2180
				SEC	900	1100	2000	2170	1600	2180
			SO	SEC	800	1000	1900	2220	1690	2330
				SEC	900	1100	1910	2220	1690	2330
10 / 800	1.0 / 1.6 / 1.75	1350 × 1400	CO	SEC	800	1000	1900	2220	1690	2330
				TTC	800	1000	1910	2220	1690	2330
			SO	SEC	800	1000	1900	2280	1790	2430
				SEC	900	1100	1900	2280	1790	2430
				SEC	800	1000	1750	1940	1940	2580
				SEC	900	1100	1950	2030	1940	2580
		1100 × 1650	CO	SEC	800	1000	1830	1970	2060	2060
				TTC	900	1100	1950	1970	2060	2060
			SO	SEC	800	1000	1650	2030	2040	2680
				SEC	900	1100	1650	2030	2040	2680
				SEC	800	1000	1850	2120	1930	2430
				SEC	900	1100	1950	2120	1930	2430
		1250 × 1500	CO	SEC	800	1000	1870	2120	1910	1910
				TTC	900	1100	1970	2120	1910	1910
			SO	SEC	800	1000	1800	2120	2000	2400
				SEC	900	1100	1800	2120	2000	2400
				SEC	800	1000	1820	2120	2060	2060
				TTC	900	1100	1820	2120	2060	2060

KONE MonoSpace® DX
PLANNING DATA



Persons / rated load (kg)	Rated speed (m/s)	Car size BB × DD (mm)	Door type	Car type	LL (mm)	LR (mm)	WW (mm)		WD (mm)		
							NOM	MAX	NOM	MAX	
							12 / 900	1.0 / 1.6 / 1.75	1400 × 1500	CO	SEC
				SEC	1000	1200	2200	2260	1950	2330	
				TTC	900	1100	2015	2275	1910	1910	
			SO	SEC	1000	1200	1950	2320	1990	2520	
				SEC	900	1100	1940	2320	1930	2540	
13 / 1000	1.0 / 1.6 / 1.75	1100 × 2100	CO	SEC	800	1000	1765	1915	2390	3030	
				SEC	900	1100	1950	2170	2390	3030	
				TTC	800	1000	1750	2170	2510	2510	
				TTC	900	1100	1950	2170	2510	2510	
				SEC	800	1000	1660	1970	2480	3120	
				SEC	900	1100	1650	2070	2480	3130	
			SO	SEC	1000	1200	1800	2070	2480	3130	
				SEC	800	1000	1850	2200	2080	2750	
				SEC	900	1100	1950	2200	2080	2750	
				SEC	1000	1200	2150	2285	2080	2750	
				SEC	800	1000	1850	2200	2160	2800	
				SEC	900	1100	1900	2200	2160	2800	
		1300 × 1800	CO	SEC	800	1000	1850	2200	2080	2750	
					900	1100	1950	2200	2080	2750	
					1000	1200	2150	2285	2080	2750	
					800	1000	1850	2200	2160	2800	
					900	1100	1900	2200	2160	2800	
					1000	1200	1900	2200	2160	2800	
			SO	SEC	800	1000	1950	2270	1890	2530	
				SEC	900	1100	1950	2270	1890	2530	
				TTC	800	1000	1950	2270	2010	2010	
				TTC	900	1100	1950	2270	2010	2010	
				SEC	1000	1200	2150	2260	1950	2520	
				SEC	1000	1200	2150	2260	2010	2010	
		1400 × 1600	CO	SEC	800	1000	1950	2270	2030	2620	
					SEC	900	1100	1940	2270	1990	2630
					SEC	1000	1200	1940	2270	1990	2630
					SEC	800	1000	2050	2370	1890	2530
					SEC	900	1100	2040	2370	1890	2530
					SEC	1000	1200	2150	2370	1890	2530
			SO	TTC	800	1000	2050	2370	2010	2010	
				TTC	900	1100	2050	2370	2010	2010	
				SEC	1000	1200	2150	2370	2010	2010	
				SEC	800	1000	2050	2370	2060	2620	
				SEC	900	1100	2050	2370	2060	2620	
				SEC	1000	1200	2050	2370	2060	2620	
		1500 × 1600	CO	SEC	800	1000	2150	2470	1780	2370	
					SEC	900	1100	2140	2470	1780	2370
					SEC	1000	1200	2150	2470	1780	2370
					SEC	800	1000	2150	2520	1930	2420
					SEC	900	1100	2150	2520	1930	2420
					SEC	1000	1200	2150	2520	1930	2420
			SO	SEC	800	1000	2150	2470	1830	2470	
				SEC	900	1100	2060	2470	1830	2470	
				SEC	1000	1200	2150	2470	1940	2470	
				SEC	800	1000	2150	2520	2030	2520	
				SEC	900	1100	2150	2520	2030	2520	
				SEC	1000	1200	2150	2520	2030	2520	
1600 × 1400	CO	SEC	800	1000	2150	2470	1830	2470			
			SEC	900	1100	2150	2470	1830	2470		
			SEC	1000	1200	2150	2470	1830	2470		
			SEC	800	1000	2150	2470	1830	2470		
			SEC	900	1100	2150	2470	1830	2470		
			SEC	1000	1200	2150	2470	1830	2470		
	SO	SEC	800	1000	2150	2520	2030	2520			
		SEC	900	1100	2150	2520	2030	2520			
		SEC	1000	1200	2150	2520	2030	2520			
		SEC	800	1000	2150	2470	1600	1990			
		SEC	900	1100	2650	2920	1600	1990			
		SEC	1000	1200	2650	2920	1600	1990			

Note:

- For the rated speed 1.0 m/s, the maximum travel height is 45 m.
- For car area exceeds the code requirement, check local regulation first.

Persons / rated load (kg)	Rated speed (m/s)	Car size BB × DD (mm)	Door type	Car type	LL (mm)	LR (mm)	WW (mm)		WD (mm)		
							NOM	MAX	NOM	MAX	
							15 / 1150	1.0	1800 × 1450	CO	SEC
SEC	1100	1300	2350	2630	1800	2380					
CO	SEC	900	1100	2125	2415	1865				2490	
		SEC	1000	1200	2215	2415				1865	2490
	SEC	1100	1300	2350	2475	1865				2490	
		SEC	800	1000	1815	2415				2075	3040
1200 × 2100	CO	SEC	900	1100	1950	2415			2075	3040	
			TTC	800	1000	1815			2510	2075	2510
			TTC	900	1100	1950			2510	2075	2510
	SO	SEC	800	1000	1740	2515			2015	3140	
			SEC	900	1100	1740			2515	2015	3140
			TTC	1000	1200	1830			2515	2075	3140
1200 × 2100	SO	TTC	800	1000	1740	2710			2015	2710	
			TTC	900	1100	1740			2710	2015	2710
			TTC	1000	1200	1830			2710	2075	2710
	1800 × 1450	CO	SEC	1000	1200	2430			2630	1800	2380
				SEC	1100	1300			2430	2630	1800
		CO	SEC	900	1100	2210			2415	1865	2490
SEC				1000	1200	2300			2415	1865	2490
SEC			1100	1300	2400	2475			1865	2490	
			SEC	800	1000	1815			2415	2075	3040
1600 × 1550	CO	SEC	900	1100	1950	2415			2075	3040	
			TTC	800	1000	1815			2510	2075	2510
			TTC	900	1100	1950			2510	2075	2510
	SO	SEC	800	1000	1740	2515			2015	3140	
			SEC	900	1100	1740			2515	2015	3140
			TTC	1000	1200	1830			2515	2075	3140
1200 × 2100	CO	SEC	800	1000	1740	2710			2015	2710	
			TTC	900	1100	1740			2710	2015	2710
			TTC	1000	1200	1830			2710	2075	2710
	SO	SEC	800	1000	1740	2515			2015	3140	
			SEC	900	1100	1740			2515	2015	3140
			TTC	1000	1200	1830			2515	2075	3140

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