

GOING UP IN SPACE

KONE TranSys™ Passenger



BIG ON SPACE AND BIG ON EFFICIENCY

High-volume people flow requires vertical transportation equipment that can cope with the demands of moving large numbers of people for long periods of time. In buildings like airports and shopping malls – where people are often traveling in large groups – you need a solution that gets them to their destinations safely, smoothly, and efficiently. In environments like hospitals, having the extra space to comfortably transport bulky medical equipment or patients in beds is hugely beneficial.

KONE TranSys™ Passenger is a spacious and energy-efficient passenger elevator that delivers optimal performance in exactly these types of environments. The solution is based on our proven and highly successful KONE TranSys platform and powered by our eco-efficient KONE EcoDisc® hoisting machine.



GET MORE WITH LESS

Unpredictable energy prices, cost pressures, and environmental concerns are driving the continuous development of vertical transportation technologies that can deliver world-class performance with the lowest possible power consumption.

We’ve been at the forefront of eco-efficient elevator technology for more than two decades thanks to our KONE MonoSpace elevator and KONE EcoDisc hoisting machine. The KONE TranSys Passenger takes advantage of both these technologies to deliver exceptional power and performance while minimizing energy consumption and maximizing space efficiency.

It is an ideal solution for environments such as airports, metro stations, railway stations, shopping malls, and medical facilities, where the same elevators are often used to transport goods and people.

EASY AND SAFE ACCESS FOR EVERYONE

Multi-panel doors with up to six separate panels provide the widest possible entrance space, ensuring that large numbers of people can enter and exit the elevator quickly and safely, even when traveling with luggage or pushing baby strollers or grocery

carts. The KONE TranSys Passenger features the latest in door safety technology, including fire-rated materials, a curtain of light, and optional 3D passenger detection.

EXCEPTIONAL SPACE EFFICIENCY

The compact design of the KONE EcoDisc hoisting machine and multi-panel door solution mean there is more space available in the shaft for a bigger elevator car.

ECO-EFFICIENT AND COST EFFECTIVE










The combination of the KONE EcoDisc hoisting motor and highly efficient drive system delivers excellent energy efficiency.

A KONE regenerative drive can enable energy savings of up to 30% by recycling the energy generated by a moving elevator for use elsewhere in the building.

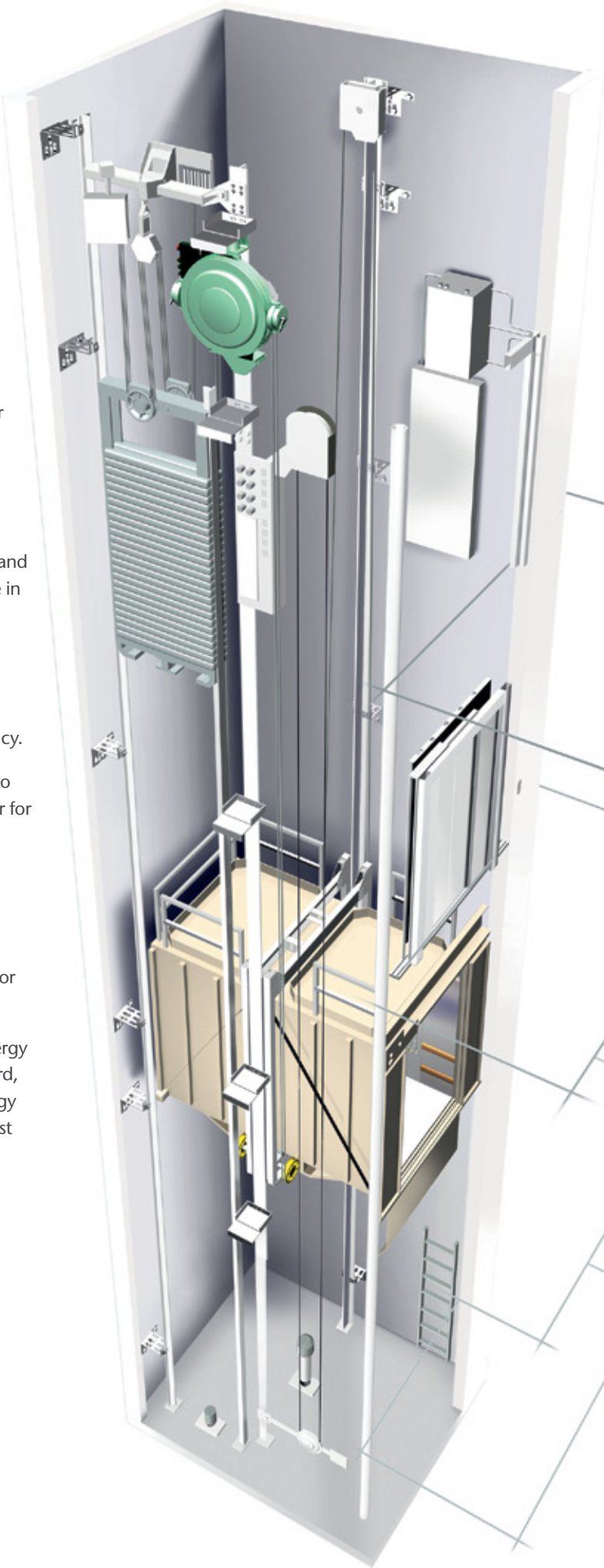
LED and eco-efficient fluorescent lighting can reduce energy consumption by up to 80% compared to halogen lighting.

Advanced standby solutions cut energy consumption even further by powering down certain functions when the elevator is idle.

Our volume elevators have been certified with an A-class energy efficiency rating according to the ISO 25745-2 global standard, which classifies elevators from A to G according to their energy efficiency, where A is the most energy efficient and G the least energy efficient.

KEY SPECIFICATIONS		
 LOAD CAPACITY (KG)	 SPEED (M/S)	 MAX. TRAVEL (M)
1,600–2,500	0.5–1.0	40
 NO. OF FLOORS	 PERSONS	 GROUP SIZE
12, ALSO APPLICABLE FOR TTC	21–33	MAX. 4
 HOISTING MACHINE	 DOORS	 CAR DOOR HEIGHT (MM)
GEARLESS KONE ECODEISC	AUTOMATIC CENTER-OPENING	UP TO 2,400

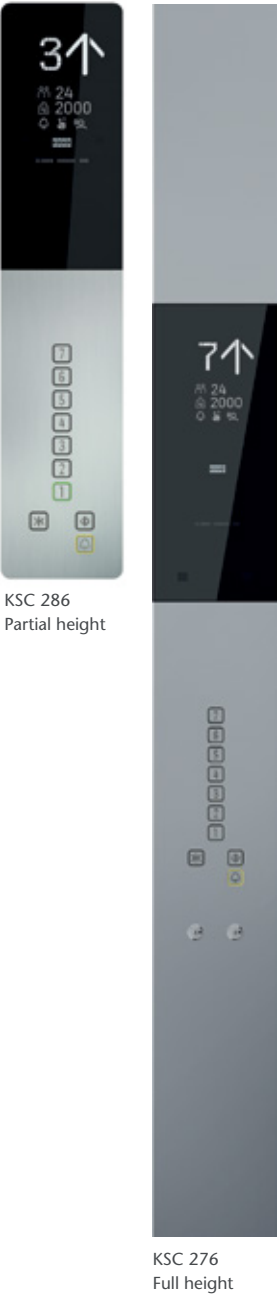
Code compliance: EU Directive 2014/33/EU, EN81-20/50. Optional: EN81-1, EN81-73, EN81-21, EN81-70, EN81-71, GOST 53780, GOST 33984, GOST 52382, GOST 33653, GOST 33652



EXAMPLE SIGNALIZATION OPTIONS

KSS 280 SURFACE-MOUNTED SIGNALIZATION

Car operating panel (COP)



Faceplate finishings:
Black polycarbonate and deep-formed brushed stainless steel, vertical hairline

Displays:
Segmented LCD

Landing devices



KSS 670 FLUSH-MOUNTED SIGNALIZATION

Car operating panel (COP)



Faceplate finishings:
Asturias Satin (F)
Murano Mirror (H)
Golden Mirror (HTIN)

Displays:
KSC 673: Scrolling dot matrix
KSC 675: Black and white LCD

Landing devices



KSS D60 FLUSH-MOUNTED SIGNALIZATION

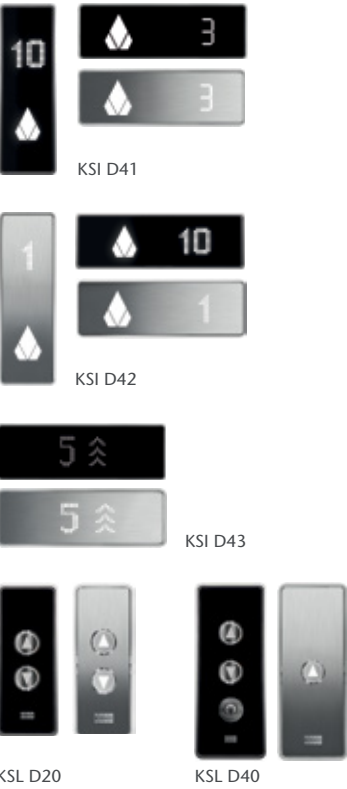
Car operating panel (COP)



Faceplate finishing:
Brushed stainless steel

Display:
KSC D63: Scrolling dot matrix

Landing devices



The signalization options shown here are examples. Please contact your local KONE representative to discuss your requirements.

EXAMPLE VISUAL OPTIONS

WALL MATERIALS

Textured steel



TS1
Flemish Linen

SS4
Aqua Weave

ES2
Silver Bamboo

Brushed steel



F
Asturias Satin

TW1
Glass

Painted steel



P50
Cloud White

P51
Misty Gray



P52
Sunny Yellow

P53
Dawn Red

Laminate



L202
Hazel Oak

L203
Almond Oak

L226
Misty Gray

L206
Mandarin Orange

CEILINGS



Type: **CL95**

Frame finish: Asturias Satin (F)
Center panels: Cloud White (P50)
Lighting: T5 fluorescent tubes

Recommended for medical facilities
because of indirect lighting.



Type: **CL88**

Finish: Asturias Satin (F)
Cloud White (P50)

Lighting: LED spot

Also available as fire-fighter ceiling in
accordance with EN81-72.



Type: **CL94/CL94V***

Finish: Asturias Satin (F)
Cloud White (P50)


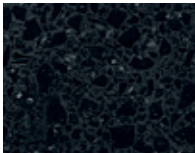
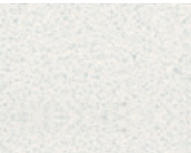
Lighting: T5 fluorescent tubes

Also available as vandal-resistant ceiling in
accordance with EN81-71 Cat. 1.

* Asturias Satin is the only finish available
for CL94V

FLOOR MATERIALS

Stone

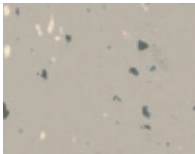
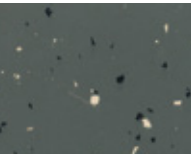


SF30
Chalk White

SF32
Diorite Black

VF20
Ash Gray

Rubber



RC20
Smoke Gray

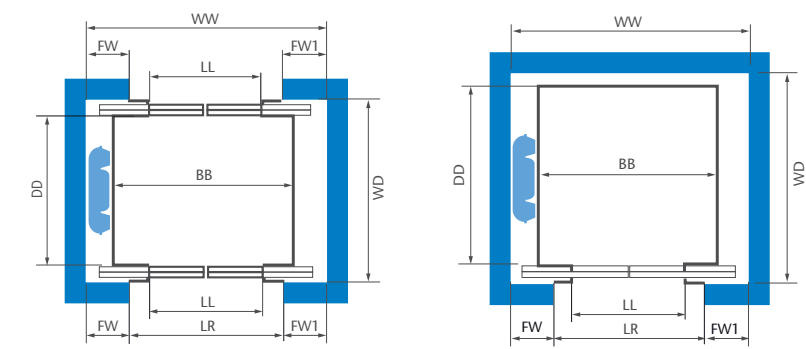
RC22
Shell Gray



The visual options shown here are examples. Please contact your local KONE representative to discuss your requirements.

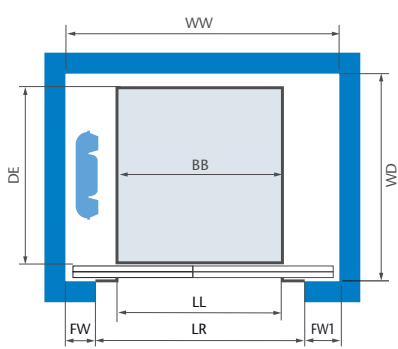
PLANNING DATA

CAR WITH FRONT WALL,
DOOR LL = BB*



* FW is machine side, FW1 is car single side

CAR WITHOUT FRONT WALL,
DOOR LL = BB*



SHAFT DIMENSIONS: 2-PANEL SIDE-OPENING DOOR, SINGLE AND DOUBLE ENTRANCE													
RATED LOAD (KG)	RATED SPEED (M/S)	CAR WIDTH BB (MM)	CAR DEPTH DD (MM)	DOOR LL (MM)	SHAFT WIDTH WW MIN (MM)	SHAFT DEPTH WD MIN SEC (MM)	SHAFT DEPTH WD MIN TTC (MM)	PH MIN (MM)	PH MIN OPTIONAL (MM)	PH MIN WITH CWT SG (MM)	SH MIN EN81-20 (MM)	SH MIN OPTIONAL (MM)	SH MIN EN81-1 (MM)
1600	0.5 / 1.0	1400	2400	1300	2310	2820	3020	1250	975 *	1750	3800	3650 *	3700
2000	0.5 / 1.0	1500	2700	1300	2320	3120	3320	1250	1050 *	1750	3800	3650 *	3700
2500	0.5 / 1.0	1800	2700	1300	2590	3120	3320	1600	1300	2150	4100	3810	4100
2500	0.5 / 1.0	1800	2700	1400	2590	3120	3320	1600	1300	2150	4100	3810	4100

SHAFT DIMENSIONS: 2-PANEL CENTER-OPENING DOOR, SINGLE AND DOUBLE ENTRANCE											
RATED LOAD (KG)	RATED SPEED (M/S)	CAR WIDTH BB (MM)	CAR DEPTH DD (MM)	DOOR LL (MM)	SHAFT WIDTH WW MIN (MM)	SHAFT DEPTH WD MIN SEC (MM)	SHAFT DEPTH WD MIN TTC (MM)	PH MIN (MM)	PH MIN WITH CWT SG (MM)	SH MIN EN81-20 (MM)	SH MIN EN81-1 (MM)
1600	0.5 / 1.0	1400	2300	1300	2260	2760	3000	1250	1750	3800	3700
2000	0.5 / 1.0	1500	2700	1300	2320	3160	-	1250	1750	3800	3700
2000	0.5 / 1.0	1500	2600	1300	2320	3060	3300	1250	1750	3800	3700

- Q = Rated load of elevator

BB = Car width

DD = Car depth

CH = Car clear height

FW = Front wall width

FW1 = Side wall left – frame door application only
- FW2 = Side wall right – frame door application only

HH = Door clear opening height; max. HH = CH

HR = Door raw opening height

LL = Door clear opening width

LR = Door raw opening width

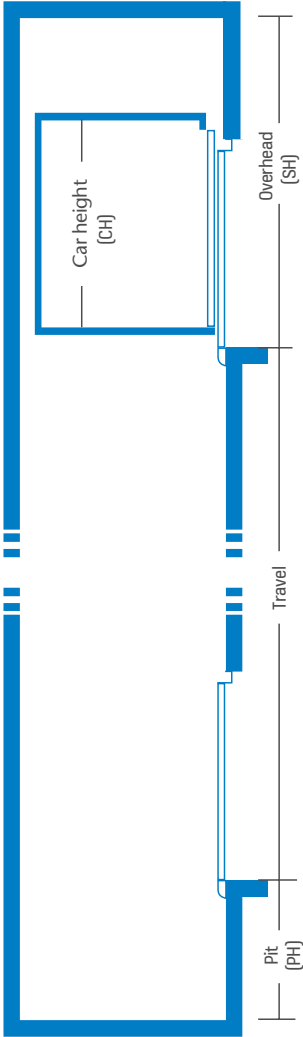
LW = Right front door cover (incl. 30 mm tolerance)
- LW1 = Left front door cover (incl. 30 mm tolerance)

WW = Shaft width

WD = Shaft depth

* EN81-21

SH values apply to ceiling LF1/LF1V; SH values can be higher for other ceiling types.
Please contact your local KONE representative for more information.



KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in managing the smooth flow of people and goods throughout buildings.

This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs over 55,000 dedicated experts to serve you globally and locally.

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