

GiantKONE

GVN11 PRO

Home Lift

GiantKONE Elevator Co., Ltd.

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KONE

a KONE
Company

Founded in 1910 in Helsinki, the capital of Finland, KONE Group has led the industry with its pioneering machine-room-less technology. After a century of development, its elevator and escalator business has spread to over 60 countries worldwide, serving approximately 550,000 customers.

Today, KONE Group has more than 60,000 employees, 7 global R&D centers, 12 production bases, and a sales network that covers the globe.

GiantKONE Elevator Co., Ltd. is a subsidiary established by KONE Corporation of Finland in China. Since its founding in 2005, GiantKONE has maintained rapid growth in annual turnover and order volume, ranking among the top in the industry. Currently, GiantKONE has one factory, over 3,000 employees. As a member of the global KONE family, GiantKONE is committed to acquiring more advanced technology, implementing more efficient management, producing higher-quality products, and establishing a more comprehensive service network.

Specifications

Speed (m/s)	Load Capacity (kg)	Maximum Travel (m)	Maximum Number of Landings
0.4/0.63/1.0	250/320/400	18	6

FEATURES & ADVANTAGES

- **SAFETY AND RELIABILITY**

GKE home lifts are designed with safety as a core principle. They are equipped with a power failure automatic rescue device and a one-key call alarm function, which provide users with the highest level of protection.

- **GREEN AND ENVIRONMENT-FRIENDLY**

The single-phase 220V power supply reduces the application barrier.

The daily energy consumption of a home elevator is less than that of a refrigerator.

- **COMFORTABLE RIDE**

GKE home lift features a permanent magnet synchronous gearless traction machine, which effectively reduces noise pollution. Its advanced vector conversion technology allows for real-time speed adjustments based on human comfort requirements, ensuring a safe and comfortable ride.

- **DEXTEROUS LAYOUT**

Machine room-less design, low overhead solution requires only 2750mm overhead and 400mm pit depth, while the low pit solution requires only 2850mm overhead and 200mm pit depth. These specifications effectively improve the utilization rate of the building and provide more creative space for designers.

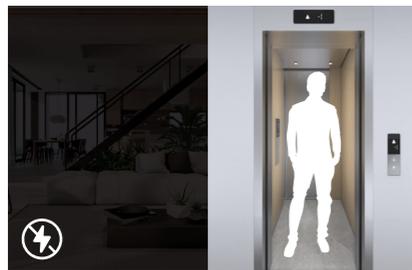
Power Failure Automatic Rescue Device



- In the event of an emergency power failure, the emergency lighting in the car is switched on and the lift switches to the back-up power source.



- The lift will automatically travel to the nearest floor, open the door and release passengers for automatic rescue.



- The lift will return to normal when power is back on.



One-touch Call Alarm

Push the button to call your mobile phone / property directly



**Safety Escort
Peace of Mind
on Every Journey**

*Frequency Bands
LTE-FDD B1/B3/B5/B7/B8/B20
GSM/GPRS/EDGE 900/1800 MHz

**ALUMINUM
ALLOY FOR
SCENIC
ELEVATOR
STYLISH
DESIGN AND
EASY TO
INSTALL**



Different colors for option



CAR RECOMMENDATION



◀ Mixed Car

Ceiling : G1025052(304 Stainless steel cladding • Linear light)
Car wall : 304 Hairline stainless steel
Floor : 51950073 (PVC)
COP : 016

Nordic Style ▶

G1025054 : **Ceiling**
 (304 Stainless steel cladding • Downlight)
 Hairline stainless steel • Wood grain steel plate : **Car wall**
 51950074(PVC) : **Floor**
 016 : **COP**

Optinal color



CAR RECOMMENDATION



◀ Wooden Style

Ceiling : Aluminum frame • Acrylic
Front wall : Black satin DPM steel plate
Car door : Black satin DPM steel plate
Sidewall : Wood grain DPM steel plate • Black satin grain DPM steel plate
Rear wall : Wood grain DPM steel plate • Wood grille • Light strip
Floor : 52031399(PVC)
COP : 016

*The net depth of the car is the distance from the front car wall to the bottom of the wooden grille on the rear car wall

Glided Moment ▶

Champagne ripple stainless steel : **Ceiling**
 + Light strip
 Champagne steel plate : **Front wall**
 Champagne steel plate : **Car door**
 Champagne mirror stainless steel : **Sidewall**
 + Champagne steel plate
 Champagne steel plate, Stone : **Rear wall**
 patterned steel plate + Light strip
 52031399(PVC) : **Floor**
 016 Champagne swing operator : **COP**

*The net depth of the car is the distance from the front car wall to the rear car wall stone pattern steel plate



ELEGANT SIGNALIZATION (016)

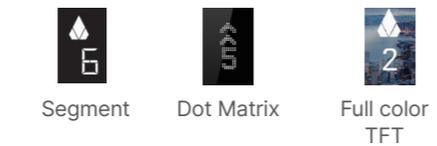
SIGNALIZATION FOR SCENIC CAR // SWING COP /



/ LOP /



/ COP & LOP display /



/ CEILING /



G1025054
stainless steel 304, LED light



G1025053
Aluminum Frame Acrylic panel



G1025052
Stainless steel 304, LED light



G1025057
Mirror stainless steel, LED light

/ FLOOR /

PVC ▶



51950073 51950074 G4083001 51782380 51782381

Marble ▶



51781628 G4003015 G4003014 G4003013 51781629

ELEVATOR FUNCTION TABLE

● Standard
○ Optional

SECURITY FUNCTIONS

Rescue and fault monitoring

COD	Fix the run	●
DTS	Runtime detection	●
BMV R	Resistor braking	●
RDF RC	Emergency electric operation	●
LBI	Brake release device	●

Emergency backup power and power restoration operations

LPS TN	Synchronous run	●
CEL S	Emergency car lighting	●
EBS S	Emergency battery powered	●
PEL	Power outage emergency leveling	●

Emergency communications

IF	Intercom function	●
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Other safety functions and maintenance

SWD	Maintenance operation	●
BOF	Door open and close button for maintenance	●
CDC	Car door contact	●
CDL O	Car door limit switch	●
DOP	No door allowed	●
EMH	Pit emergency stop switch	●
EMR	Car roof emergency stop switch	●
LCD	Disable LOP function	●
OSG CM	Car speed limiter safety switch	●
SGE	safety gear safety switch	●
TWC	Speed limiter tightening safety switch	●
ASC	Elevator upward overspeed protection	●
DCD	Door lock circuit detection	●
ISM	Overhauling safety mechanical blocking devices	●
IST	Repair safety pin	●
CLF C	Car lighting main switch - Control cabinet	●
MAS C	Elevator main switch- Control cabinet	●

PASSENGER COMFORT FUNCTIONS

Entering and exiting the car

DCB	Door close button	●
DOB	Door open button	●
QCC	Cop opens the door quickly	●
REO O	LOP reopens	●
IWF	Intelligent waiting function	○
SRC RNC	Single light curtain	●

Abuse, misuse protection

SPB BP	Button adhesion monitoring	●
FCC R	Press twice to cancel the COP button command	●
CCB	Reverse COP call	●

Running comfort

VVVF E	Elevator variable frequency drive	●
OCL A	Car lighting automatic control	●
OCV A	Car ventilation automatic control	●

CONTROL FUNCTIONS

Idle car allocation

PAM	Automatically return to base station	●
IAF	Intelligent anti-aging function	○

INFORMATION FUNCTIONS

Information display outside the hall

LCL	LOP registration indicator light	●
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Information display in the car

OLF C	Car overload function	●
CCL	COP registration indicator light	●
ACU F	Voice station announcement	○

Information display in the control cabinet

CPI PS	Car position display	●
SCN N	Start counter	●
CIL A	Labels on components inside the control cabinet	●
DZI N	Door area instructions	●

SPECIFICATIONS

Car height (mm)	Door height (mm)	Overhead (mm)	Pit depth (mm)
2100	2000	2750	400
2200	2100	2850	
2300	2200	2950	

Minimum pit depth can be 300mm, please consult Sales team. Different ceiling may influence overhead.

Load Capacity (kg)	Door type	Car dimensions (mm)	Door net width (mm)	Doorway width (mm)	Minimum shaft dimensions (mm)	Shaft type
4/320	Side opening	900×1100	700	900	1400×1450	Concrete
4/320	central opening	900×1100	700	900	1550×1400	
5/400	Side opening	1100×1100	800	1000	1600×1450	
5/400	central opening	1100×1100	800	1000	1750×1400	

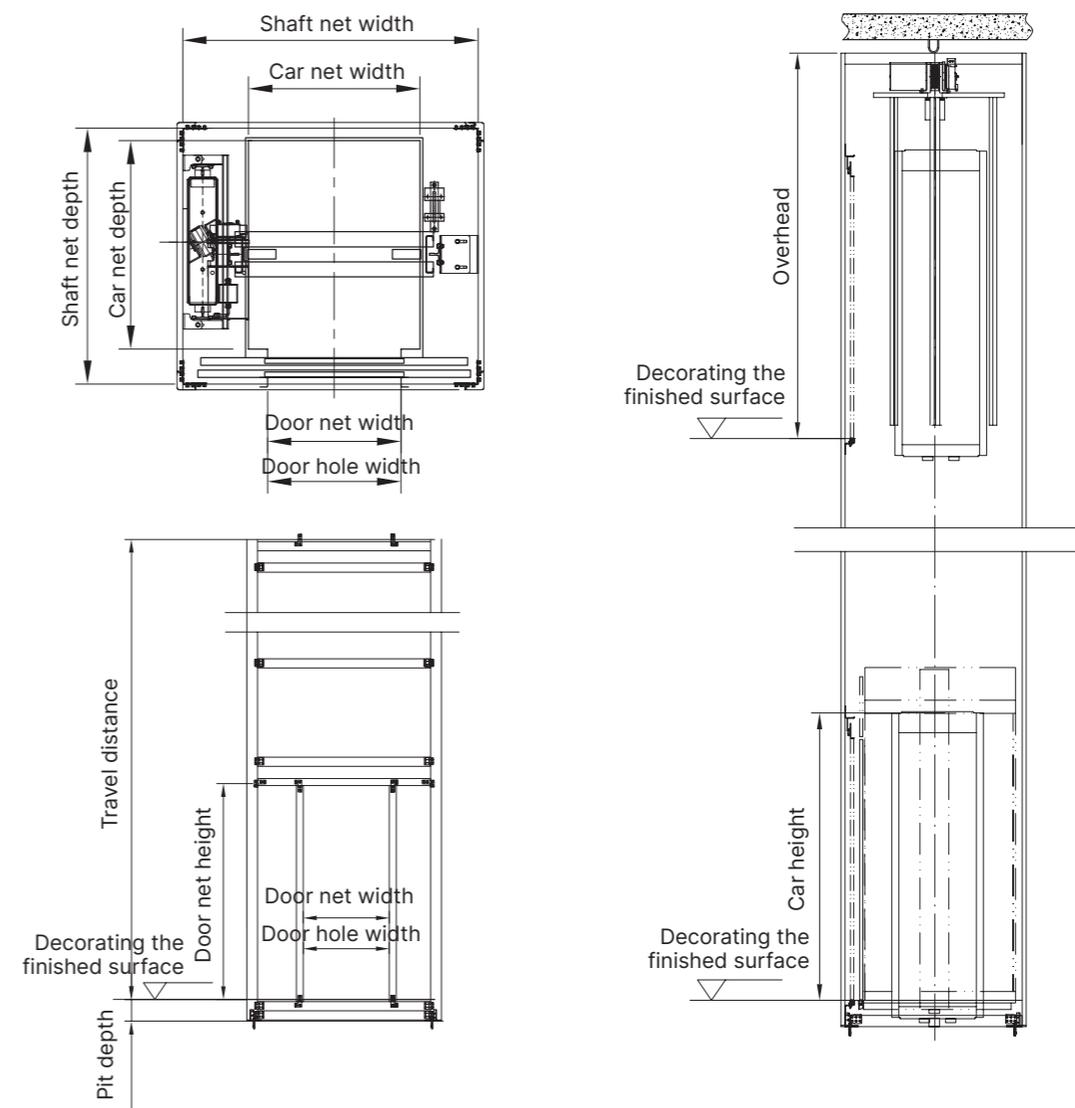
Car height (mm)	Door height (mm)	Overhead (mm)	Pit depth (mm)
2100	2000	2850	200
2200	2100	2950	
2300	2200	3050	

Minimum pit depth can be 150mm, please consult Sales team. Different ceiling may influence overhead.

Load Capacity (kg)	Door type	Car dimensions (mm)	Door net width (mm)	Doorway width (mm)	Minimum shaft dimensions (mm)	Shaft type
4/320	Side opening	900×1100	800	1000	1410×1440	Concrete
4/320	central opening	900×1100	700	900	1550×1350	
5/400	Side opening	1100×1100	900	1100	1610×1440	
5/400	central opening	1100×1100	800	1000	1750×1350	

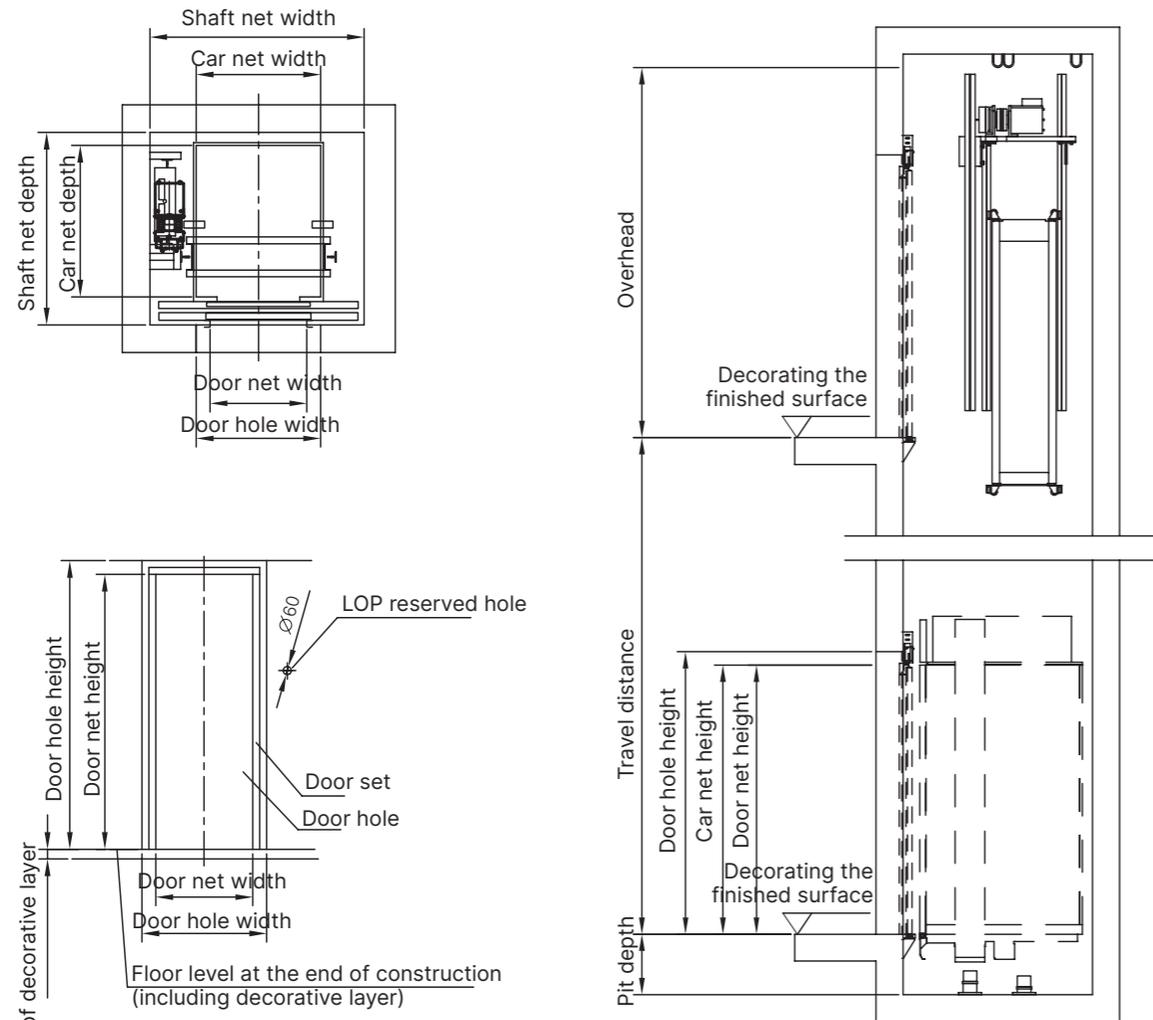
Load Capacity (kg)	Door type	Car dimensions (mm)	Door net width (mm)	Doorway width (mm)	Minimum shaft dimensions (mm)	Reserved shaft dimensions (mm)	Shaft type
4/320	Side opening	900×1100	750	750	1400×1440	1490×1520	Aluminum
4/320	central opening	900×1100	700	700	1550×1350	1640×1430	
5/400	Side opening	1100×1100	900	900	1600×1440	1690×1520	
5/400	central opening	1100×1100	800	800	1750×1350	1840×1430	

CONSTRUCTION SKETCH

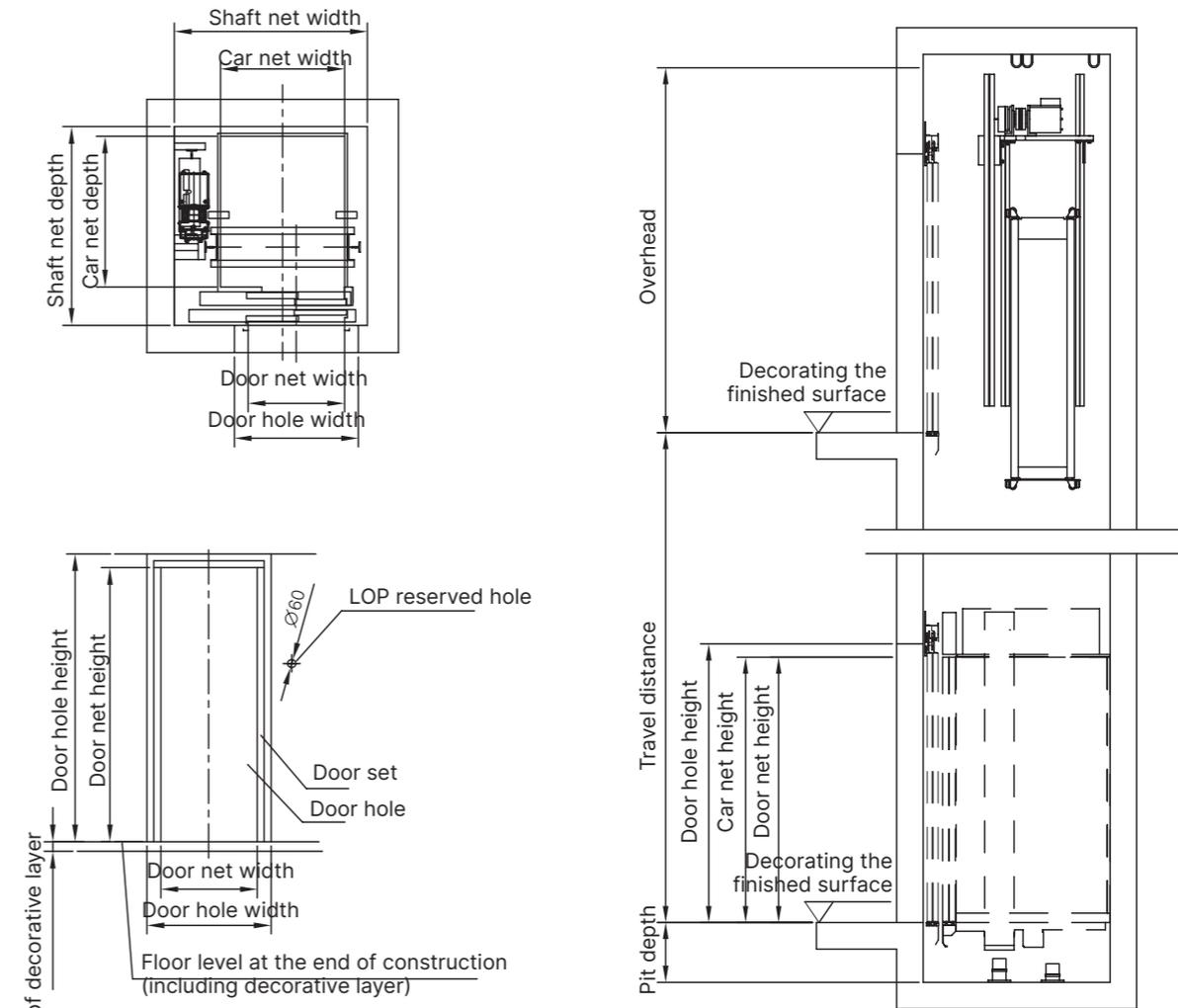


Two panels, Central opening (Scenic shaft)

CONSTRUCTION SKETCH



Two panels, Central opening



Two panels, Side opening