Planning Guide - 2.5m/s, 3.0m/s and 3.5m/s

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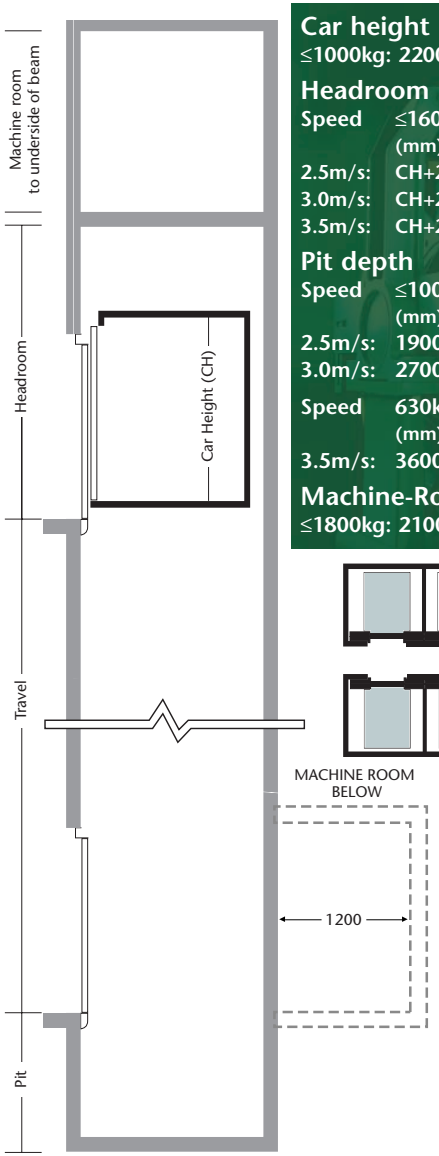
Headroom and Pit Dimensions



Car height (CH)
≤1000kg: 2200mm >1000kg: 2300mm

Headroom height

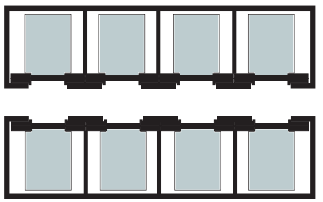
Speed	≤1600kg (mm)	1800kg (mm)	≥2000kg
2.5m/s:	CH+2100	CH+2650	CH+2250
3.0m/s:	CH+2800	N/A	N/A
3.5m/s:	CH+2800	N/A	N/A

Pit depth

Speed	≤1000kg (mm)	≤1600kg (mm)	≥2500kg (mm)
2.5m/s:	1900	2000	2200
3.0m/s:	2700	2800	N/A

Speed	630kg (mm)	800kg (mm)	≥1000kg (mm)
3.5m/s:	3600	3650	3650

Machine-Room height
≤1800kg: 2100mm >1800kg: 2600mm



Group

The maximum number of elevators in a group is 8. KONE can analyse the traffic conditions of your building and calculate the proper elevator configuration.

Max travel: 130m - Rated speed: 2.5m/s

Persons load kg	Car Size BB x DD (mm)	LL (mm)	Centre opening door Well Size (mm) WW x WD	Side opening door Well Size (mm) WW x WD
8/630	1100 x 1400	800	1800 x 1800 (1810)	1700 x 1800 (2010)
8/630	1100 x 1400	900	2000 x 1800 (1810)	1700 x 1800 (2010)
10/800	1350 x 1400	800	1850 x 2000	1700 x 2500 (2710)
10/800	1350 x 1400	900	2000 x 2000	1700 x 2500 (2710)
13/1000	1100 x 2100	800	1800 x 2500 (2510)	
13/1000	1100 x 2100	900	2000 x 2500 (2510)	
13/1000	1600 x 1400	900	2100 x 2000	
13/1000	1600 x 1400	1100	2400 x 2000	
17/1275	2000 x 1400	1100	2500 x 2000	
18/1350	2000 x 1500	1100	2550 x 2200	
21/1600	2100 x 1600	1100	2650 x 2300	
21/1600	1400 x 2400	1300		2300 x 2800 (3010)
24/1800	2350 x 1600	1200	3000 x 2300	
26/2000	1500 x 2700	1300		2500 x 3150 (3310)
33/2500	1800 x 2700	1300		2800 x 3150 (3310)
33/2500	1800 x 2700	1400		2800 x 3150 (3310)

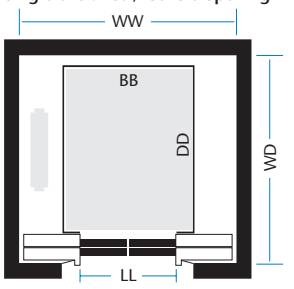
Max travel: 150m/180m - Rated speed: 3.0 - 3.5m/s

Persons/ load kg	Car Size BB x DD (mm)	LL (mm)	Centre opening door Well Size (mm) WW x WD
8/630	1100 x 1400	800	1800 x 2150
8/630	1100 x 1400	900	2000 x 2150
10/800	1350 x 1400	800	1900 x 2150
10/800	1350 x 1400	900	2000 x 2150
13/1000	1600 x 1400	900	2150 x 2150
13/1000	1600 x 1400	1100	2400 x 2150
17/1275	2000 x 1400	1100	2550 x 2150
18/1350	2000 x 1500	1100	2550 x 2250
21/1600	2100 x 1600	1100	2650 x 2350

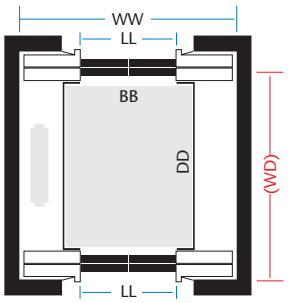
Side opening doors can open before the car has come to a standstill, and allow entry and exit before the doors are fully open.

Centre opening doors can open before the car has come to a standstill, and allow entry and exit before the doors are fully open.

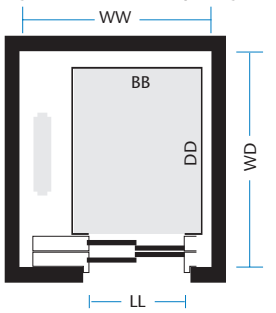
Single entrance / Centre opening



Through type car / Centre opening



Single entrance / Side opening



- All dimensions are for machine-room above. Please consult KONE plc local office for machine-room below dimensions.
- The dimensions and designs specified within this planning guide are examples of a selection of the KONE range. Further details, including side opening doors, are available on request.
- Certain options e.g. counterweight safety gear, car finish weight or glass doors may require alternative dimensions.

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