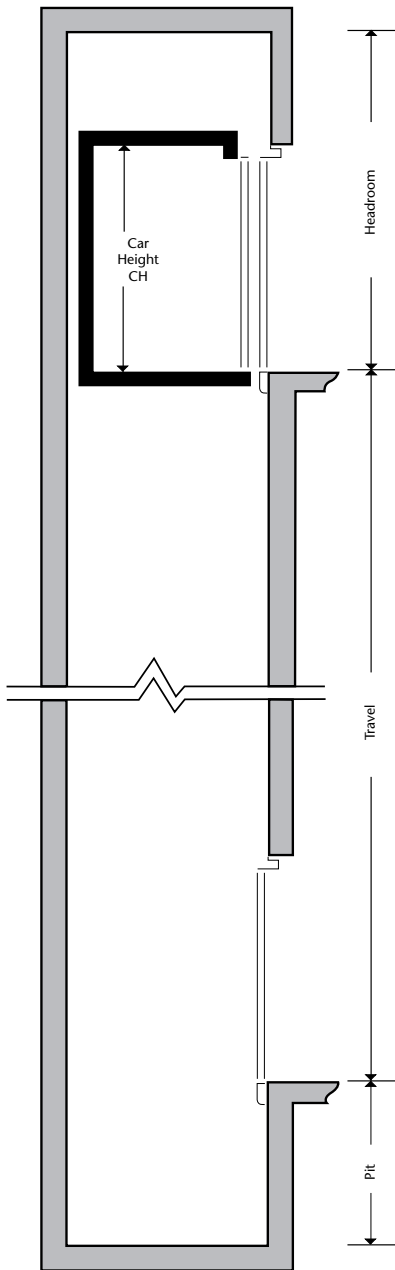
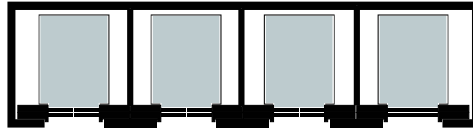


# Design Planning Guide

## Planning Guide - 1.0m/s - 1.6m/s



The maximum number of elevators in a group is a 4 car group for this product. KONE can analyse the traffic conditions of your building and calculate the best elevator configuration.



- The dimensions and designs specified within this planning guide are examples of a selection of the KONE MonoSpace® range.
- For further details of required car sizes regarding disability access regulations, please contact KONE.
- KONE min FFL - FFL travel is 2550mm on Front Only arrangement cars.
- KONE min FFL - FFL travel is 400mm on through arrangement cars.
- All block workshafts must be designed with dense block work, please consult KONE on this issue.

**Headroom**  
3400mm min from FFL  
4100mm max from FFL

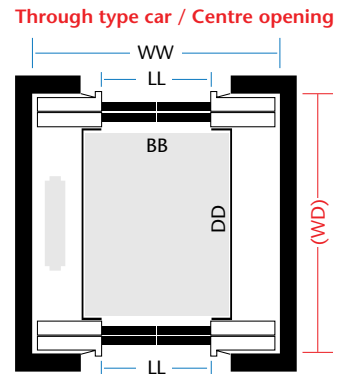
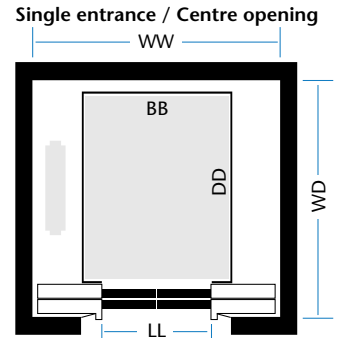
**Car Height**  
2100 - 2200mm

**Pit**  
With counterweight safety at 1.0m/s 1400mm

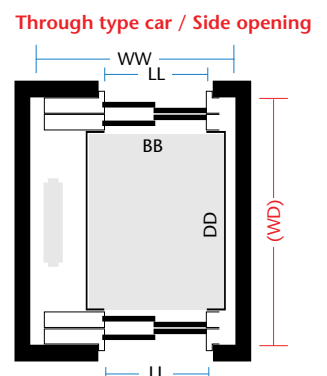
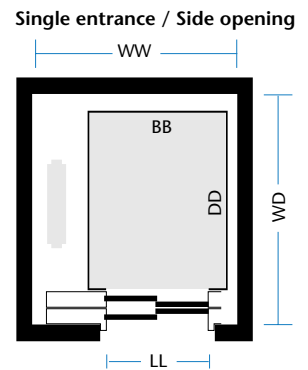
HEADROOM HEIGHT CH	
RATED SPEED	
0.63m/s	CH+1300
1.0m/s	CH+1300
1.6m/s	CH+1570

PIT DEPTH PD	
RATED SPEED	
0.63m/s	1100
1.0m/s	1100
1.6m/s	1350

### Centre Opening



### Side Opening



Persons/ Load kg	Car size BBxDD	Door width LL (mm)	Centre opening door Well Size (mm) WW x WD	Side opening door Well Size (mm) WW x WD
4/320	800 x 1000	700	1600 x 1350	1350 x 1450
4/320	900 x 1000	700	1600 x 1350	1400 x 1450
5/400	800 x 1200	700	1600 x 1500 (1610)	1350 x 1600 (1810)
5/400	950 x 1100	700	1600 x 1400 (1510)	1450 x 1500 (1710)
5/400	950 x 1100	800	1800 x 1400 (1510)	1500 x 1500 (1710)
6/450	1000 x 1200	800	1800 x 1500 (1610)	1500 x 1600 (1810)
6/450	1000 x 1200	900	2000 x 1500 (1610)	1650 x 1600 (1810)
6/480	950 x 1300	800	1800 x 1600 (1710)	1500 x 1700 (1860)
6/480	950 x 1300	900		1650 x 1700 (1910)
6/480	1000 x 1250	800	1800 x 1550 (1660)	1500 x 1650 (1860)
6/480	1000 x 1250	900	2000 x 1550 (1660)	1650 x 1650 (1860)
8/630	1100 x 1400	800	1800 x 1700 (1810)	1650 x 1800 (2010)
8/630	1100 x 1400	900	2000 x 1700 (1810)	1650 x 1800 (2010)
10/800	1350 x 1400	800	1900 x 1750	1900 x 1850
10/800	1350 x 1400	900	2000 x 1750	1900 x 1850
12/900	1400 x 1500	800	1950 x 1850 (1910)	1950 x 1950 (2110)
12/900	1400 x 1500	900	2000 x 1850 (1910)	1950 x 1950 (2110)
13/1000	1100 x 2100	800	1800 x 2400 (2510)	1650 x 2500 (2710)
13/1000	1100 x 2100	900	2000 x 2400 (2510)	1650 x 2500 (2710)
13/1000	1100 x 2100	1000	2200 x 2400 (2510)	1800 x 2500 (2710)
13/1000	1600 x 1400	900	2150 x 1750	2150 x 1850
13/1000	1600 x 1400	1000	2200 x 1750	2150 x 1850
13/1000	1600 x 1400	1100	2400 x 1750	2150 x 1850
13/1000	1500 x 1500	900	2050 x 1850 (1910)	2050 x 1950 (2110)
13/1000	1500 x 1500	1000	2200 x 1850 (1910)	2050 x 1950 (2110)
13/1000	1500 x 1500	1100	2400 x 1850 (1910)	2050 x 1950 (2110)

Dimensions in red are for through car openings  
Note: If EN81-72 or EN81-71 Cat 1 are required please contact your  
KONE Sales Executive as shaft sizes may vary.

Flexible car/shaft sizes available on request

**KONE can offer lifts with the following code requirements:**

- EN81-70
- EN81-71 Category 1 (vandal resistant)
- EN81-72 (fire fighting)
- EN81-73 (fire behaviour)
- BS 5588 Pt 8 (fire fighting evacuation)

For options not shown, including loads, car sizes, entrance sizes  
and speeds, please contact your local KONE Sales Executive.