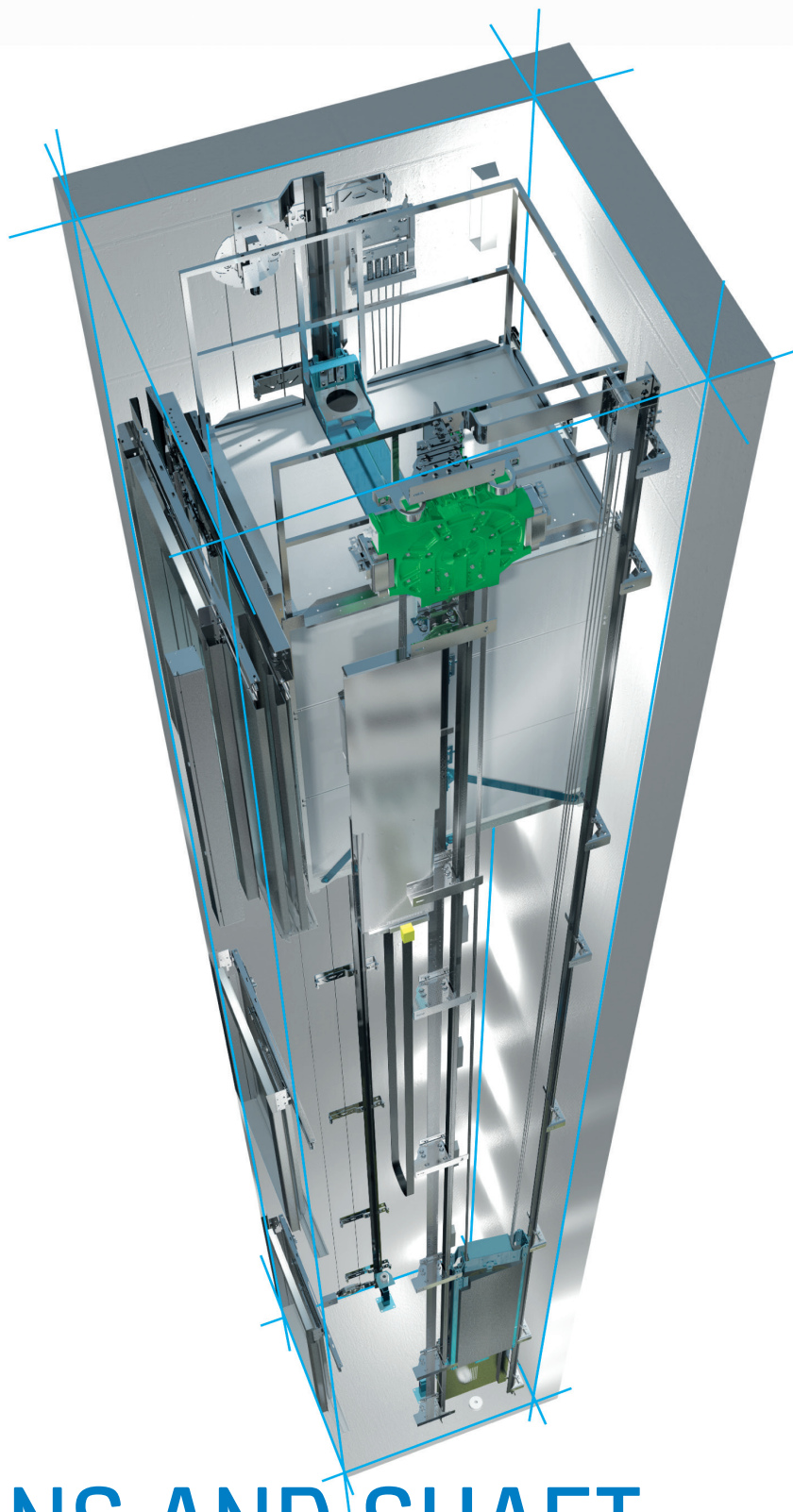




# OPTIONS AND SHAFT DIMENSIONS 0.63-1.75 m/s; 320-1150 kg

KONE MonoSpace® 500

# KONE MONOSPACE® 500

Compliant with EN81-20 code

| KONE MONOSPACE 500 DUTY RANGE |           |            |       |
|-------------------------------|-----------|------------|-------|
| Speed (m/s)                   | Load (kg) | Travel (m) | Stops |
| 0.63                          | 680       | 35         | 16    |
| 1                             | 1150      | 55         | 21    |
| 1.6                           | 1000      | 75         | 24    |
| 1.75                          | 1000      | 75         | 24    |
| 1.6, 1.75                     | 1150      | 65*        | 24    |
| 1.6, 1.75                     | 1150      | 55**       | 24    |

\* If Single entrance car

\*\* If Trough type car

| KONE MONOSPACE 500 MINIMUM HEADROOM HEIGHT (SH) ACCORDING TO CEILING TYPE |                       |                 |                          |            |
|---------------------------------------------------------------------------|-----------------------|-----------------|--------------------------|------------|
| Speed (m/s)                                                               | Standard ceiling (mm) | RL11, RL12 (mm) | CL88L, CL94L, CL162 (mm) | CL193 (mm) |
| 0.63 - 1.0<br>(Without safety device)                                     | CH + 1300             | CH + 1220       | CH + 1380                | CH + 1330  |
| 1.6                                                                       | CH + 1500             | CH + 1420       | CH + 1580                | CH + 1530  |
| 1.75                                                                      | CH + 1500             | CH + 1420       | CH + 1580                | CH + 1530  |

Add 400 mm in case 1100 mm balustrade is needed.

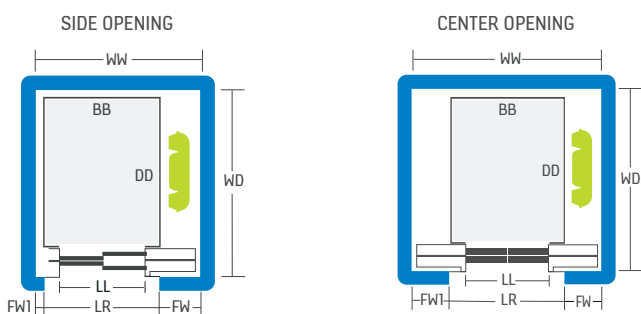
| KONE MONOSPACE 500 PIT HEIGHT (PH) |               |
|------------------------------------|---------------|
| Speed (m/s)                        | Standard (mm) |
| 0.63                               | 1050          |
| 1.0                                | 1050          |
| 1.6                                | 1200          |
| 1.75                               | 1200          |
|                                    | Max 1550      |

NOTE: More dimensions are available, please contact to your KONE sales representative.

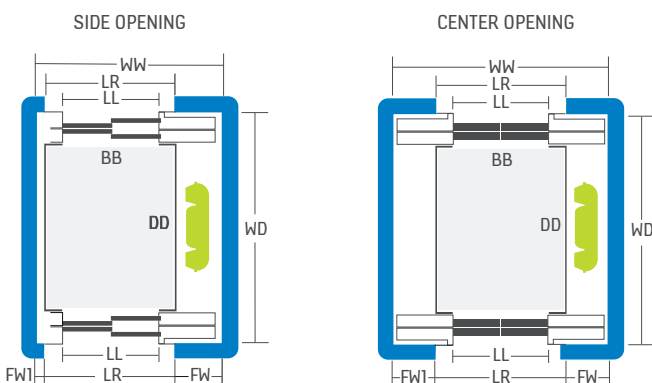
- BB = CAR WIDTH
- DD = CAR DEPTH
- CH = CAR CLEAR HEIGHT
- FW = SIDE WALL MACHINE SIDE
- FW1 = SIDE WALL OPPOSITE MACHINE
- FW2 = SIDE WALL RIGHT - FRAME DOOR APPLICATION ONLY
- HH = DOOR CLEAR OPENING HEIGHT
- HR = DOOR RAW OPENING HEIGHT
- LL = DOOR CLEAR OPENING WIDTH
- LR = DOOR RAW OPENING WIDTH
- LA = FRONT PANEL WIDTH, LEFT
- LB = FRONT PANEL WIDTH, RIGHT
- WW = SHAFT WIDTH
- WD = SHAFT DEPT

## FRAME AND NARROW FRAME DOOR TYPES

### SINGLE ENTRANCE CAR (SEC)

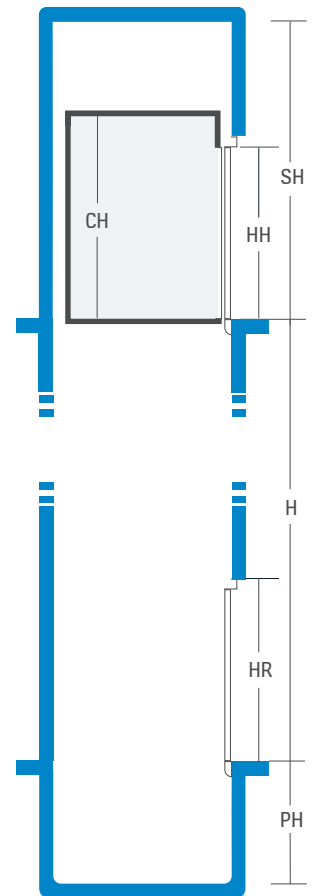


### THROUGH TYPE CAR (TTC)

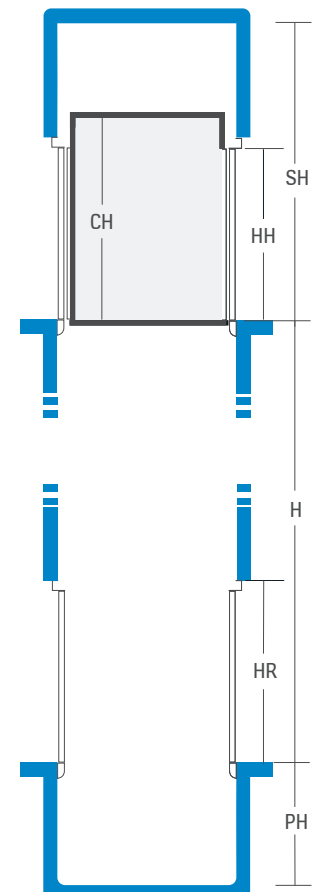


Frame widths:  
Frame door: 120 mm  
Narrow frame: 50 mm

### SINGLE ENTRANCE SHAFT



### THROUGH TYPE SHAFT



# FRAMELESS, FRAME AND FRONT DOORS (Single entrance and through type cars)

## SIDE OPENING DOORS

| SIDE OPENING DOORS |     |      |                    |         |          |          |          |               | WD min.<br>mm |      | Shaft wall width,<br>frameless doors |           |          | Shaft wall width, frame<br>doors |                  |                   | Shaft wall width,<br>front doors |          |          |
|--------------------|-----|------|--------------------|---------|----------|----------|----------|---------------|---------------|------|--------------------------------------|-----------|----------|----------------------------------|------------------|-------------------|----------------------------------|----------|----------|
| Rated speed<br>m/s |     |      | Rated load<br>kg   | Persons | BB<br>mm | DD<br>mm | LL<br>mm | WW min.<br>mm | SEC           | TTC  | FW<br>mm                             | FWI<br>mm | LR<br>mm | FW<br>mm                         | FWI<br>mm        | LR<br>mm          | LA<br>mm                         | LB<br>mm | LR<br>mm |
| 1.0                | 1.0 | 1.0  | 320                | 4       | 750      | 1100     | 600      | 1220          | 1500          | n.a  | 420                                  | 200       | 600      | 270 <sup>1)</sup>                | 50 <sup>1)</sup> | 900 <sup>1)</sup> | n.a                              | n.a      | n.a      |
| 1.0                | 1.0 | 1.0  | 320                | 4       | 750      | 1100     | 700      | 1300          | 1500          | n.a  | 420                                  | 180       | 700      | 270                              | 30               | 1000              | 390                              | 150      | 1300     |
| 1.0                | 1.0 | 1.0  | 400                | 4       | 800      | 1200     | 600      | 1270          | 1600          | 1810 | 470                                  | 200       | 600      | 320 <sup>1)</sup>                | 50 <sup>1)</sup> | 900 <sup>1)</sup> | n.a                              | n.a      | n.a      |
| 1.0                | 1.0 | 1.0  | 400                | 4       | 800      | 1200     | 700      | 1300          | 1600          | 1810 | 420                                  | 180       | 700      | 270                              | 30               | 1000              | 390                              | 150      | 1300     |
| 1.0                | 1.6 | 1.75 | 400                | 5       | 950      | 1100     | 700      | 1420          | 1500          | 1710 | 420                                  | 300       | 700      | 270                              | 150              | 1000              | 390                              | 270      | 1420     |
| 1.0                | 1.6 | 1.75 | 400                | 5       | 950      | 1100     | 800      | 1450          | 1500          | 1710 | 470                                  | 180       | 800      | 320                              | 30               | 1100              | 440                              | 150      | 1450     |
| 1.0                | 1.6 | 1.75 | 450                | 6       | 1000     | 1200     | 800      | 1470          | 1600          | 1810 | 470                                  | 200       | 800      | 320                              | 50               | 1100              | 440                              | 170      | 1470     |
| 1.0                | 1.6 | 1.75 | 450 <sup>2)</sup>  | 6       | 1000     | 1200     | 900      | 1600          | 1600          | 1810 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 950      | 1300     | 700      | 1420          | 1700          | 1910 | 420                                  | 300       | 700      | 270                              | 150              | 1000              | 390                              | 270      | 1420     |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 950      | 1300     | 800      | 1450          | 1700          | 1910 | 470                                  | 180       | 800      | 320                              | 30               | 1100              | 440                              | 150      | 1450     |
| 1.0                | 1.6 | 1.75 | 480 <sup>2)</sup>  | 6       | 950      | 1300     | 900      | 1600          | 1700          | 1910 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 1000     | 1250     | 800      | 1470          | 1650          | 1860 | 470                                  | 200       | 800      | 320                              | 50               | 1100              | 440                              | 170      | 1470     |
| 1.0                | 1.6 | 1.75 | 480 <sup>2)</sup>  | 6       | 1000     | 1250     | 900      | 1600          | 1650          | 1860 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1250     | 800      | 1520          | 1650          | 1860 | 470                                  | 250       | 800      | 320                              | 100              | 1100              | 440                              | 220      | 1520     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1250     | 900      | 1600          | 1650          | 1860 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1300     | 800      | 1520          | 1700          | 1910 | 470                                  | 250       | 800      | 320                              | 100              | 1100              | 440                              | 220      | 1520     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1300     | 900      | 1600          | 1700          | 1910 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 630                | 8       | 1100     | 1400     | 800      | 1570          | 1800          | 2010 | 470                                  | 300       | 800      | 320                              | 150              | 1100              | 440                              | 270      | 1570     |
| 1.0                | 1.6 | 1.75 | 630                | 8       | 1100     | 1400     | 900      | 1600          | 1800          | 2010 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 680                | 8       | 1130     | 1400     | 800      | 1600          | 1800          | 2010 | 500                                  | 300       | 800      | 350                              | 150              | 1100              | 470                              | 270      | 1600     |
| 1.0                | 1.6 | 1.75 | 680                | 8       | 1130     | 1400     | 900      | 1600          | 1800          | 2010 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 680 <sup>2)</sup>  | 8       | 1130     | 1400     | 1000     | 1750          | 1800          | 2010 | 570                                  | 180       | 1000     | 420                              | 30               | 1300              | 540                              | 150      | 1750     |
| 1.0                | 1.6 | 1.75 | 680                | 9       | 1200     | 1400     | 900      | 1670          | 1800          | 2010 | 570                                  | 200       | 900      | 420                              | 50               | 1200              | 540                              | 170      | 1670     |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 800      | 1850          | 1800          | 2010 | 650                                  | 400       | 800      | 500                              | 250              | 1100              | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 900      | 1850          | 1800          | 2010 | 650                                  | 300       | 900      | 500                              | 150              | 1200              | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 1000     | 1850          | 1800          | 2010 | 650                                  | 200       | 1000     | 500                              | 50               | 1300              | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 800      | 1900          | 1900          | 2110 | 550                                  | 550       | 800      | 400                              | 400              | 1100              | 520                              | 520      | 1900     |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 900      | 1900          | 1900          | 2110 | 600                                  | 400       | 900      | 450                              | 250              | 1200              | 570                              | 370      | 1900     |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 1000     | 1900          | 1900          | 2110 | 600                                  | 300       | 1000     | 450                              | 150              | 1300              | 570                              | 270      | 1900     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1100     | 2100     | 800      | 1600          | 2500          | 2710 | 500                                  | 300       | 800      | 350                              | 150              | 1100              | 470                              | 270      | 1600     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1100     | 2100     | 900      | 1600          | 2500          | 2710 | 520                                  | 180       | 900      | 370                              | 30               | 1200              | 490                              | 150      | 1600     |
| 1.0                | 1.6 | 1.75 | 1000 <sup>2)</sup> | 13      | 1100     | 2100     | 1000     | 1750          | 2500          | 2710 | 570                                  | 180       | 1000     | 420                              | 30               | 1300              | 540                              | 150      | 1750     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1300     | 1700     | 900      | 1800          | 2100          | 2310 | 600                                  | 300       | 900      | 450                              | 150              | 1200              | 570                              | 270      | 1800     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1300     | 1700     | 1000     | 1800          | 2100          | 2310 | 600                                  | 200       | 1000     | 450                              | 50               | 1300              | 570                              | 170      | 1800     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1400     | 1600     | 900      | 1900          | 2000          | 2210 | 600                                  | 400       | 900      | 450                              | 250              | 1200              | 570                              | 370      | 1900     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1400     | 1600     | 1000     | 1900          | 2000          | 2210 | 600                                  | 300       | 1000     | 450                              | 150              | 1300              | 570                              | 270      | 1900     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 900      | 1950          | 1950          | 2160 | 650                                  | 400       | 900      | 500                              | 250              | 1200              | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 1000     | 1950          | 1950          | 2160 | 650                                  | 300       | 1000     | 500                              | 150              | 1300              | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1200     | 2100     | 900      | 1700          | 2500          | 2710 | 600                                  | 200       | 900      | 450                              | 50               | 1200              | 570                              | 170      | 1700     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1200     | 2100     | 1000     | 1750          | 2500          | 2710 | 570                                  | 180       | 1000     | 420                              | 30               | 1300              | 540                              | 150      | 1750     |
| 1.0                | 1.6 | 1.75 | 1150 <sup>2)</sup> | 15      | 1200     | 2100     | 1100     | 1900          | 2500          | 2710 | 620                                  | 180       | 1100     | 470                              | 30               | 1400              | 590                              | 150      | 1900     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 900      | 1900          | 2250          | 2460 | 600                                  | 400       | 900      | 450                              | 250              | 1200              | 570                              | 370      | 1900     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 1000     | 1900          | 2250          | 2460 | 600                                  | 300       | 1000     | 450                              | 150              | 1300              | 570                              | 270      | 1900     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 1100     | 1900          | 2250          | 2460 | 620                                  | 180       | 1100     | 470                              | 30               | 1400              | 590                              | 150      | 1900     |

<sup>1)</sup> These values are only available for KES 201, <sup>2)</sup> In case of EN81-20, balastrade HK 1100 needed on min shaft, with + 400 mm impact on min SH.

Shaft tolerances +/- 25 mm are included in shaft dimensions.

## CENTER OPENING DOORS

| CENTER OPENING DOORS |     |      |                    |         |       |       |       | WD min mm. |      | Shaft wall width, frameless doors |       |        | Shaft wall width, frame doors |       |        | Shaft wall width, front doors |       |       |
|----------------------|-----|------|--------------------|---------|-------|-------|-------|------------|------|-----------------------------------|-------|--------|-------------------------------|-------|--------|-------------------------------|-------|-------|
| Rated speed m/s      |     |      | Rated load kg      | Persons | BB mm | DD mm | LL mm | WW min. mm | SEC  | TTC                               | FW mm | FWI mm | LR mm                         | FW mm | FWI mm | LR mm                         | LA mm | LR mm |
| 1.0                  | 1.6 | 1.75 | 630                | 8       | 1100  | 1400  | 800   | 1740       | 1700 | 1810                              | 470   | 470    | 800                           | 320   | 320    | 1100                          | n.a   | n.a   |
| 1.0                  | 1.6 | 1.75 | 630 <sup>1)</sup>  | 8       | 1100  | 1400  | 900   | 1940       | 1700 | 1810                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 630 <sup>1)</sup>  | 8       | 1100  | 1400  | 1000  | 2140       | 1700 | 1810                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 800                | 10      | 1350  | 1400  | 800   | 1840       | 1700 | 1810                              | 520   | 520    | 800                           | 370   | 370    | 1100                          | n.a   | n.a   |
| 1.0                  | 1.6 | 1.75 | 800                | 10      | 1350  | 1400  | 900   | 1940       | 1700 | 1810                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 900                | 12      | 1400  | 1500  | 800   | 1900       | 1800 | 1910                              | 550   | 550    | 800                           | 400   | 400    | 1100                          | 520   | 1900  |
| 1.0                  | 1.6 | 1.75 | 900                | 12      | 1400  | 1500  | 900   | 1940       | 1800 | 1910                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1100  | 2100  | 800   | 1740       | 2400 | 2510                              | 470   | 470    | 800                           | 320   | 320    | 1100                          | n.a   | n.a   |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1100  | 2100  | 900   | 1940       | 2400 | 2510                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1100  | 2100  | 1000  | 2140       | 2400 | 2510                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1300  | 1700  | 900   | 1940       | 2000 | 2110                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1300  | 1700  | 1000  | 2140       | 2000 | 2110                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1300  | 1700  | 1100  | 2340       | 2000 | 2110                              | 620   | 620    | 1100                          | 470   | 470    | 1400                          | 590   | 2340  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1400  | 1600  | 1000  | 2140       | 1900 | 2010                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1400  | 1600  | 1100  | 2340       | 1900 | 2010                              | 620   | 620    | 1100                          | 470   | 470    | 1400                          | 590   | 2340  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1450  | 1550  | 900   | 1940       | 1850 | 1960                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1450  | 1550  | 1000  | 2140       | 1850 | 1960                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1600  | 1400  | 900   | 2100       | 1700 | 1810                              | 600   | 600    | 900                           | 450   | 450    | 1200                          | 570   | 2100  |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1600  | 1400  | 1000  | 2140       | 1700 | 1810                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1600  | 1400  | 1100  | 2340       | 1700 | 1810                              | 620   | 620    | 1100                          | 470   | 470    | 1400                          | 590   | 2340  |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200  | 2100  | 900   | 1940       | 2400 | 2510                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200  | 2100  | 1000  | 2140       | 2400 | 2510                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200  | 2100  | 1100  | 2340       | 2400 | 2510                              | 620   | 620    | 1100                          | 470   | 470    | 1400                          | 590   | 2340  |
| 1.0                  | 1.6 | 1.75 | 1150               | 15      | 1400  | 1850  | 900   | 1940       | 2150 | 2260                              | 520   | 520    | 900                           | 370   | 370    | 1200                          | 490   | 1940  |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1400  | 1850  | 1000  | 2140       | 2150 | 2260                              | 570   | 570    | 1000                          | 420   | 420    | 1300                          | 540   | 2140  |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1400  | 1850  | 1100  | 2340       | 2150 | 2260                              | 620   | 620    | 1100                          | 470   | 470    | 1400                          | 590   | 2340  |

# NARROW FRAME DOORS (Single entrance and through type cars)

|                    |     |      |                    |         |          |          |          |               |               |      |      | SHAFT WALL WIDTH, NARROW FRAME TYPE DOORS |           |          |          |           |          |
|--------------------|-----|------|--------------------|---------|----------|----------|----------|---------------|---------------|------|------|-------------------------------------------|-----------|----------|----------|-----------|----------|
| SIDE OPENING DOORS |     |      |                    |         |          |          | KES 600  | KES 800       | WD min. mm    |      |      | KES 600                                   |           |          | KES 800  |           |          |
| Rated speed<br>m/s |     |      | Rated load<br>kg   | Persons | BB<br>mm | DD<br>mm | LL<br>mm | WW min.<br>mm | WW min.<br>mm | SEC  | TTC  | FW<br>mm                                  | FWI<br>mm | LR<br>mm | FW<br>mm | FWI<br>mm | LR<br>mm |
| 1.0                | 1.0 | 1.0  | 320                | 4       | 750      | 1100     | 700      | 1300          | 1350          | 1500 | n.a  | 345                                       | 105       | 850      | 350      | 150       | 850      |
| 1.0                | 1.0 | 1.0  | 400                | 4       | 800      | 1200     | 700      | 1300          | 1350          | 1600 | 1810 | 345                                       | 105       | 850      | 350      | 150       | 850      |
| 1.0                | 1.6 | 1.75 | 400                | 5       | 950      | 1100     | 700      | 1420          | 1425          | 1500 | 1710 | 345                                       | 225       | 850      | 350      | 225       | 850      |
| 1.0                | 1.6 | 1.75 | 400                | 5       | 950      | 1100     | 800      | 1450          | 1500          | 1500 | 1710 | 395                                       | 105       | 950      | 400      | 150       | 950      |
| 1.0                | 1.6 | 1.75 | 450                | 6       | 1000     | 1200     | 800      | 1470          | 1500          | 1600 | 1810 | 395                                       | 125       | 950      | 400      | 150       | 950      |
| 1.0                | 1.6 | 1.75 | 450 <sup>1)</sup>  | 6       | 1000     | 1200     | 900      | 1600          | 1650          | 1600 | 1810 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 950      | 1300     | 700      | 1420          | 1425          | 1700 | 1910 | 345                                       | 225       | 850      | 350      | 225       | 850      |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 950      | 1300     | 800      | 1450          | 1500          | 1700 | 1910 | 395                                       | 105       | 950      | 400      | 150       | 950      |
| 1.0                | 1.6 | 1.75 | 480 <sup>1)</sup>  | 6       | 950      | 1300     | 900      | 1600          | 1650          | 1700 | 1910 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 480                | 6       | 1000     | 1250     | 800      | 1470          | 1500          | 1650 | 1860 | 395                                       | 125       | 950      | 400      | 150       | 950      |
| 1.0                | 1.6 | 1.75 | 480 <sup>1)</sup>  | 6       | 1000     | 1250     | 900      | 1600          | 1650          | 1650 | 1860 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1250     | 800      | 1520          | 1525          | 1650 | 1860 | 395                                       | 175       | 950      | 400      | 175       | 950      |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1250     | 900      | 1600          | 1650          | 1650 | 1860 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1300     | 800      | 1520          | 1525          | 1700 | 1910 | 395                                       | 175       | 950      | 400      | 175       | 950      |
| 1.0                | 1.6 | 1.75 | 525                | 7       | 1050     | 1300     | 900      | 1600          | 1650          | 1700 | 1910 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 630                | 8       | 1100     | 1400     | 800      | 1570          | 1575          | 1800 | 2010 | 395                                       | 225       | 950      | 400      | 225       | 950      |
| 1.0                | 1.6 | 1.75 | 630                | 8       | 1100     | 1400     | 900      | 1600          | 1650          | 1800 | 2010 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 680                | 8       | 1130     | 1400     | 800      | 1600          | 1600          | 1800 | 2010 | 425                                       | 225       | 950      | 425      | 225       | 950      |
| 1.0                | 1.6 | 1.75 | 680                | 8       | 1130     | 1400     | 900      | 1600          | 1650          | 1800 | 2010 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 680 <sup>1)</sup>  | 8       | 1130     | 1400     | 1000     | 1750          | 1800          | 1800 | 2010 | 495                                       | 105       | 1150     | 500      | 150       | 1150     |
| 1.0                | 1.6 | 1.75 | 680                | 9       | 1200     | 1400     | 900      | 1670          | 1695          | 1800 | 2010 | 495                                       | 125       | 1050     | 495      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 800      | 1850          | 1840          | 1800 | 2010 | 575                                       | 325       | 950      | 565      | 325       | 950      |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 900      | 1850          | 1840          | 1800 | 2010 | 575                                       | 225       | 1050     | 565      | 225       | 1050     |
| 1.0                | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 1000     | 1850          | 1865          | 1800 | 2010 | 575                                       | 125       | 1150     | 565      | 150       | 1150     |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 800      | 1900          | 1890          | 1900 | 2110 | 475                                       | 475       | 950      | 465      | 475       | 950      |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 900      | 1900          | 1890          | 1900 | 2110 | 525                                       | 325       | 1050     | 515      | 325       | 1050     |
| 1.0                | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 1000     | 1900          | 1890          | 1900 | 2110 | 525                                       | 225       | 1150     | 515      | 225       | 1150     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1100     | 2100     | 800      | 1600          | 1590          | 2500 | 2710 | 425                                       | 225       | 950      | 415      | 225       | 950      |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1100     | 2100     | 900      | 1600          | 1650          | 2500 | 2710 | 445                                       | 105       | 1050     | 450      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1100     | 2100     | 1000     | 1750          | 1800          | 2500 | 2710 | 495                                       | 105       | 1150     | 500      | 150       | 1150     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1300     | 1700     | 900      | 1800          | 1790          | 2100 | 2310 | 525                                       | 225       | 1050     | 515      | 225       | 1050     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1300     | 1700     | 1000     | 1800          | 1815          | 2100 | 2310 | 525                                       | 125       | 1150     | 515      | 150       | 1150     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1400     | 1600     | 900      | 1900          | 1890          | 2000 | 2210 | 525                                       | 325       | 1050     | 515      | 325       | 1050     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1400     | 1600     | 1000     | 1900          | 1890          | 2000 | 2210 | 525                                       | 225       | 1150     | 515      | 225       | 1150     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 900      | 1950          | 1940          | 1950 | 2160 | 575                                       | 325       | 1050     | 565      | 325       | 1050     |
| 1.0                | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 1000     | 1950          | 1940          | 1950 | 2160 | 575                                       | 225       | 1150     | 565      | 225       | 1150     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1200     | 2100     | 900      | 1700          | 1715          | 2500 | 2710 | 525                                       | 125       | 1050     | 515      | 150       | 1050     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1200     | 2100     | 1000     | 1750          | 1800          | 2500 | 2710 | 495                                       | 105       | 1150     | 500      | 150       | 1150     |
| 1.0                | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200     | 2100     | 1100     | 1900          | 1950          | 2500 | 2710 | 545                                       | 105       | 1250     | 550      | 150       | 1250     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 900      | 1900          | 1890          | 2250 | 2460 | 525                                       | 325       | 1050     | 515      | 325       | 1050     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 1000     | 1900          | 1890          | 2250 | 2460 | 525                                       | 225       | 1150     | 515      | 225       | 1150     |
| 1.0                | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 1100     | 1900          | 1950          | 2250 | 2460 | 545                                       | 105       | 1250     | 550      | 150       | 1250     |

<sup>1)</sup> In case of EN81-20, balustrade HK 1100 needed on min shaft, with + 400 mm impact on min SH.  
Shaft tolerances +/- 25 mm are included in shaft dimensions.

|                      |     |      |                    |         |          |          |          |               |               |      |      | SHAFT WALL WIDTH, NARROW FRAME DOORS |           |          |          |           |          |
|----------------------|-----|------|--------------------|---------|----------|----------|----------|---------------|---------------|------|------|--------------------------------------|-----------|----------|----------|-----------|----------|
| CENTER OPENING DOORS |     |      |                    |         |          |          | KES 600  | KES 800       | WD min. mm    |      |      | KES 600                              |           |          | KES 800  |           |          |
| Rated speed<br>m/s   |     |      | Rated load<br>kg   | Persons | BB<br>mm | DD<br>mm | LL<br>mm | WW min.<br>mm | WW min.<br>mm | SEC  | TTC  | FW<br>mm                             | FWI<br>mm | LR<br>mm | FW<br>mm | FWI<br>mm | LR<br>mm |
| 1.0                  | 1.6 | 1.75 | 630                | 8       | 1100     | 1400     | 800      | 1740          | 1750          | 1700 | 1810 | 395                                  | 395       | 950      | 400      | 400       | 950      |
| 1.0                  | 1.6 | 1.75 | 630 <sup>1)</sup>  | 8       | 1100     | 1400     | 900      | 1940          | 1950          | 1700 | 1810 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 630 <sup>1)</sup>  | 8       | 1100     | 1400     | 1000     | 2140          | 2150          | 1700 | 1810 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 800      | 1840          | 1840          | 1700 | 1810 | 445                                  | 445       | 950      | 445      | 445       | 950      |
| 1.0                  | 1.6 | 1.75 | 800                | 10      | 1350     | 1400     | 900      | 1940          | 1950          | 1700 | 1810 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 800      | 1900          | 1890          | 1800 | 1910 | 475                                  | 475       | 950      | 465      | 475       | 950      |
| 1.0                  | 1.6 | 1.75 | 900                | 12      | 1400     | 1500     | 900      | 1940          | 1950          | 1800 | 1910 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1100     | 2100     | 800      | 1740          | 1750          | 2400 | 2510 | 395                                  | 395       | 950      | 400      | 400       | 950      |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1100     | 2100     | 900      | 1940          | 1950          | 2400 | 2510 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1100     | 2100     | 1000     | 2140          | 2150          | 2400 | 2510 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1300     | 1700     | 900      | 1940          | 1950          | 2000 | 2110 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1300     | 1700     | 1000     | 2140          | 2150          | 2000 | 2110 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1300     | 1700     | 1100     | 2340          | 2350          | 2000 | 2110 | 545                                  | 545       | 1250     | 550      | 550       | 1250     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1400     | 1600     | 1000     | 2140          | 2150          | 1900 | 2010 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1400     | 1600     | 1100     | 2340          | 2350          | 1900 | 2010 | 545                                  | 545       | 1250     | 550      | 550       | 1250     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 900      | 1940          | 1950          | 1850 | 1960 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1450     | 1550     | 1000     | 2140          | 2150          | 1850 | 1960 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1600     | 1400     | 900      | 2100          | 2090          | 1700 | 1810 | 525                                  | 525       | 1050     | 515      | 525       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1000               | 13      | 1600     | 1400     | 1000     | 2140          | 2150          | 1700 | 1810 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1000 <sup>1)</sup> | 13      | 1600     | 1400     | 1100     | 2340          | 2350          | 1700 | 1810 | 545                                  | 545       | 1250     | 550      | 550       | 1250     |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200     | 2100     | 900      | 1940          | 1950          | 2400 | 2510 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200     | 2100     | 1000     | 2140          | 2150          | 2400 | 2510 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1200     | 2100     | 1100     | 2340          | 2350          | 2400 | 2510 | 545                                  | 545       | 1250     | 550      | 550       | 1250     |
| 1.0                  | 1.6 | 1.75 | 1150               | 15      | 1400     | 1850     | 900      | 1940          | 1950          | 2150 | 2260 | 445                                  | 445       | 1050     | 450      | 450       | 1050     |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1400     | 1850     | 1000     | 2140          | 2150          | 2150 | 2260 | 495                                  | 495       | 1150     | 500      | 500       | 1150     |
| 1.0                  | 1.6 | 1.75 | 1150 <sup>1)</sup> | 15      | 1400     | 1850     | 1100     | 2340          | 2350          | 2150 | 2260 | 545                                  | 545       | 1250     | 550      | 550       | 1250     |

<sup>1)</sup> In case of EN81-20, balustrade HK 1100 needed on min shaft, with + 400 mm impact on min SH.  
Shaft tolerances +/- 25 mm are included in shaft dimensions.

## KES 100 SLIM DOORS (Single entrance and through type cars)

### SIDE OPENING DOORS

| SIDE OPENING DOORS |     |      |                  |         |          |          |          |               | WD min.<br>mm |      | Shaft wall width,<br>frameless doors |           |          | Shaft wall width, frame<br>doors |           |          | Shaft wall width, front<br>doors |          |          |
|--------------------|-----|------|------------------|---------|----------|----------|----------|---------------|---------------|------|--------------------------------------|-----------|----------|----------------------------------|-----------|----------|----------------------------------|----------|----------|
| Rated speed<br>m/s |     |      | Rated load<br>kg | Persons | BB<br>mm | DD<br>mm | LL<br>mm | WW min.<br>mm | SEC           | TTC  | FW<br>mm                             | FWI<br>mm | LR<br>mm | FW<br>mm                         | FWI<br>mm | LR<br>mm | LA<br>mm                         | LB<br>mm | LR<br>mm |
| 1.0                | 1.0 | 1.0  | 320              | 4       | 750      | 1100     | 600      | 1220          | 1450          | n.a  | 420                                  | 200       | 600      | 290                              | 70        | 860      | 390                              | 170      | 1220     |
| 1.0                | 1.0 | 1.0  | 320              | 4       | 750      | 1100     | 700      | 1230          | 1450          | n.a  | 350                                  | 180       | 700      | 220                              | 50        | 960      | 320                              | 150      | 1230     |
| 1.0                | 1.0 | 1.0  | 400              | 4       | 800      | 1200     | 600      | 1270          | 1550          | 1750 | 470                                  | 200       | 600      | 340                              | 70        | 860      | n.a                              | n.a      | n.a      |
| 1.0                | 1.0 | 1.0  | 400              | 4       | 800      | 1200     | 700      | 1280          | 1550          | 1750 | 400                                  | 180       | 700      | 270                              | 50        | 960      | 370                              | 150      | 1280     |
| 1.0                | 1.6 | 1.75 | 400              | 5       | 950      | 1100     | 700      | 1420          | 1450          | 1650 | 420                                  | 300       | 700      | 290                              | 170       | 960      | 390                              | 270      | 1420     |
| 1.0                | 1.6 | 1.75 | 400              | 5       | 950      | 1100     | 800      | 1430          | 1450          | 1650 | 450                                  | 180       | 800      | 320                              | 50        | 1060     | 420                              | 150      | 1430     |
| 1.0                | 1.6 | 1.75 | 450              | 6       | 1000     | 1200     | 800      | 1470          | 1550          | 1750 | 470                                  | 200       | 800      | 340                              | 70        | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 450              | 6       | 1000     | 1200     | 900      | 1500          | 1550          | 1750 | 420                                  | 180       | 900      | 290                              | 50        | 1160     | 390                              | 150      | 1500     |
| 1.0                | 1.6 | 1.75 | 480              | 6       | 950      | 1300     | 700      | 1420          | 1650          | 1850 | 420                                  | 300       | 700      | 290                              | 170       | 960      | 390                              | 270      | 1420     |
| 1.0                | 1.6 | 1.75 | 480              | 6       | 950      | 1300     | 800      | 1430          | 1650          | 1850 | 450                                  | 180       | 800      | 320                              | 50        | 1060     | 420                              | 150      | 1430     |
| 1.0                | 1.6 | 1.75 | 480              | 6       | 950      | 1300     | 900      | 1430          | 1650          | 1850 | 350                                  | 180       | 900      | 220                              | 50        | 1160     | 320                              | 150      | 1430     |
| 1.0                | 1.6 | 1.75 | 480              | 6       | 1000     | 1250     | 800      | 1470          | 1600          | 1800 | 470                                  | 200       | 800      | 340                              | 70        | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 480              | 6       | 1000     | 1250     | 900      | 1480          | 1600          | 1800 | 400                                  | 180       | 900      | 270                              | 50        | 1160     | 370                              | 150      | 1480     |
| 1.0                | 1.6 | 1.75 | 525              | 7       | 1050     | 1250     | 800      | 1520          | 1600          | 1800 | 470                                  | 250       | 800      | 340                              | 120       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 525              | 7       | 1050     | 1250     | 900      | 1520          | 1600          | 1800 | 445                                  | 175       | 900      | 315                              | 45        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 525              | 7       | 1050     | 1300     | 800      | 1520          | 1650          | 1850 | 470                                  | 250       | 800      | 340                              | 120       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 525              | 7       | 1050     | 1300     | 900      | 1520          | 1650          | 1850 | 445                                  | 175       | 900      | 315                              | 45        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 630              | 8       | 1100     | 1400     | 800      | 1570          | 1650          | 1850 | 470                                  | 300       | 800      | 340                              | 170       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 630              | 8       | 1100     | 1400     | 900      | 1570          | 1750          | 1950 | 495                                  | 175       | 900      | 365                              | 45        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 680              | 9       | 1130     | 1400     | 800      | 1600          | 1750          | 1950 | 500                                  | 300       | 800      | 370                              | 170       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 680              | 9       | 1130     | 1400     | 900      | 1600          | 1750          | 1950 | 520                                  | 180       | 900      | 390                              | 50        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 680              | 9       | 1200     | 1400     | 900      | 1670          | 1750          | 1950 | 570                                  | 200       | 900      | 440                              | 70        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 800              | 10      | 1350     | 1400     | 800      | 1840          | 1750          | 1950 | 640                                  | 400       | 800      | 510                              | 270       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 800              | 10      | 1350     | 1400     | 900      | 1840          | 1750          | 1950 | 640                                  | 300       | 900      | 510                              | 170       | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 900              | 12      | 1400     | 1500     | 800      | 1890          | 1850          | 2050 | 540                                  | 550       | 800      | 410                              | 420       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 900              | 12      | 1400     | 1500     | 900      | 1890          | 1850          | 2050 | 590                                  | 400       | 900      | 460                              | 270       | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000             | 13      | 1100     | 2100     | 800      | 1590          | 2450          | 2650 | 490                                  | 300       | 800      | 360                              | 170       | 1060     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000             | 13      | 1100     | 2100     | 900      | 1590          | 2450          | 2650 | 520                                  | 170       | 900      | 390                              | 40        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000             | 13      | 1300     | 1700     | 900      | 1790          | 2050          | 2250 | 590                                  | 300       | 900      | 460                              | 170       | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000             | 13      | 1400     | 1600     | 900      | 1890          | 1950          | 2150 | 590                                  | 400       | 900      | 460                              | 270       | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1000             | 13      | 1450     | 1550     | 900      | 1940          | 1900          | 2100 | 640                                  | 400       | 900      | 510                              | 270       | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1150             | 15      | 1200     | 2100     | 900      | 1690          | 2450          | 2650 | 590                                  | 200       | 900      | 460                              | 70        | 1160     | n.a                              | n.a      | n.a      |
| 1.0                | 1.6 | 1.75 | 1150             | 15      | 1400     | 1850     | 900      | 1890          | 2200          | 2400 | 590                                  | 400       | 900      | 460                              | 270       | 1160     | n.a                              | n.a      | n.a      |

Shaft tolerances +/- 25 are included in WW dimensions  
Sill fixing of KES 100 doors allows WD tolerance of -25/+20 mm.

### CENTER OPENING DOORS

| CENTER OPENING DOORS |     |      |                  |         |          |          |          |               | WD min.<br>mm |      | Shaft wall width,<br>frameless doors |           |          | Shaft wall width,<br>frame doors |        |          |
|----------------------|-----|------|------------------|---------|----------|----------|----------|---------------|---------------|------|--------------------------------------|-----------|----------|----------------------------------|--------|----------|
| Rated speed<br>m/s   |     |      | Rated load<br>kg | Persons | BB<br>mm | DD<br>mm | LL<br>mm | WW min.<br>mm | SEC           | TTC  | FW<br>mm                             | FWI<br>mm | LR<br>mm | FW<br>mm                         | FWI mm | LR<br>mm |
| 1.0                  | 1.6 | 1.75 | 630              | 8       | 1100     | 1400     | 800      | 1570          | 1700          | 1820 | 470                                  | 300       | 800      | 340                              | 170    | 1060     |
| 1.0                  | 1.6 | 1.75 | 630              | 8       | 1100     | 1400     | 900      | 1625          | 1700          | 1820 | 465                                  | 260       | 900      | 335                              | 130    | 1160     |
| 1.0                  | 1.6 | 1.75 | 800              | 10      | 1350     | 1400     | 800      | 1840          | 1700          | 1820 | 520                                  | 520       | 800      | 390                              | 390    | 1060     |
| 1.0                  | 1.6 | 1.75 | 800              | 10      | 1350     | 1400     | 900      | 1840          | 1700          | 1820 | 520                                  | 420       | 900      | 390                              | 290    | 1160     |
| 1.0                  | 1.6 | 1.75 | 900              | 12      | 1400     | 1500     | 800      | 1890          | 1800          | 1920 | 540                                  | 550       | 800      | 410                              | 420    | 1060     |
| 1.0                  | 1.6 | 1.75 | 900              | 12      | 1400     | 1500     | 900      | 1890          | 1800          | 1920 | 520                                  | 470       | 900      | 390                              | 340    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1000             | 13      | 1100     | 2100     | 800      | 1590          | 2400          | 2520 | 470                                  | 320       | 800      | 340                              | 190    | 1060     |
| 1.0                  | 1.6 | 1.75 | 1000             | 13      | 1100     | 2100     | 900      | 1650          | 2400          | 2520 | 490                                  | 260       | 900      | 360                              | 130    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1000             | 13      | 1600     | 1400     | 900      | 2090          | 1700          | 1820 | 590                                  | 600       | 900      | 460                              | 470    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1000             | 13      | 1450     | 1550     | 900      | 1940          | 1850          | 1970 | 520                                  | 520       | 900      | 390                              | 390    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1000             | 13      | 1300     | 1700     | 900      | 1790          | 2000          | 2120 | 520                                  | 370       | 900      | 390                              | 240    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1150             | 15      | 1400     | 1850     | 900      | 1890          | 2150          | 2270 | 520                                  | 470       | 900      | 390                              | 340    | 1160     |
| 1.0                  | 1.6 | 1.75 | 1150             | 15      | 1200     | 2100     | 900      | 1690          | 2400          | 2520 | 520                                  | 270       | 900      | 390                              | 140    | 1160     |

Shaft tolerances +/- 25 are included in WW dimensions  
Sill fixing of KES 100 doors allows WD tolerance of -25/+20 mm.

# KONE MONOSPACE® 500 OPTION AND FEATURES

|                                                                                | OPTION CODE    | BUILDING SEGMENT RECOMMENDATION |            | KONE MONOSPACE 500 |
|--------------------------------------------------------------------------------|----------------|---------------------------------|------------|--------------------|
|                                                                                |                | Residential                     | Commercial |                    |
| ECO-EFFICIENCY FEATURES AND OPTIONS                                            |                |                                 |            |                    |
| Regenerative drive                                                             | BMV M/MU       | ☆                               | ☆          | ○                  |
| LED lighting                                                                   |                | ☆                               | ☆          | ○                  |
| Car light standby                                                              | OCL A          | ☆                               | ☆          | ●                  |
| Ventilation standby                                                            | OCV A          |                                 | ☆          | ○                  |
| Signalization dimming                                                          |                | ☆                               | ☆          | ●                  |
| Drive standby                                                                  |                | ☆                               | ☆          | ○                  |
| Controller standby                                                             | SBM V          | ☆                               | ☆          | ○                  |
| VDI4707 Energy Efficiency                                                      |                | ☆                               |            | ○                  |
| Dimming of the car lights                                                      |                | ☆                               | ☆          | ○                  |
| ISO25745 energy classification                                                 |                | ☆                               | ☆          | ○                  |
| PEOPLE FLOW ENHANCEMENT FEATURES                                               |                |                                 |            |                    |
| Full collective control system                                                 | FC             |                                 | ☆          | ○                  |
| Push button control system                                                     | PB             | ☆                               |            | ●                  |
| Down collective control system                                                 | DC             | ☆                               |            | ○                  |
| KONE Polaris 500 Destination control                                           | DCS            |                                 | ☆          | ○                  |
| KONE Polaris 800 Destination control                                           | DCS            |                                 | ☆          | ○                  |
| KONE Polaris 900 Destination control                                           | DCS            |                                 | ☆          | ○                  |
| KONE Destination 880                                                           | DCS            |                                 | ☆          | ○                  |
| Advance door opening                                                           | ADO            |                                 | ☆          | ○                  |
| Bypass load function, landing calls not picked if over 80% load in car         | BLF            | ☆                               | ☆          | ○                  |
| Priority call, with key                                                        | PRC            | ☆                               |            | ○                  |
| Quick door close from new car call                                             | QCC            | ☆                               | ☆          | ○                  |
| Car locking bypass from penthouse level                                        | LCB B          | ☆                               | ☆          | ○                  |
| Silent night option                                                            |                | ☆                               |            | ○                  |
| ACCESSIBILITY FEATURES AND OPTIONS                                             |                |                                 |            |                    |
| Compliance of EN81-70                                                          |                | ☆                               | ☆          | ○                  |
| Curtain of light in car door                                                   | COL            |                                 | ☆          | ●                  |
| Lift audible announcer                                                         | ACU F          | ☆                               | ☆          | ○                  |
| Door open with extended door time                                              | DOE B          | ☆                               | ☆          | ○                  |
| Door open button                                                               | DOB            | ☆                               | ☆          | ●                  |
| Door close button                                                              | DCB            |                                 | ☆          | ○                  |
| Induction loop in car for people with hearing aid                              | ILS            |                                 | ☆          | ○                  |
| Access control with pin code locked car calls                                  |                | ☆                               |            | ○                  |
| Automatic parking at main floor                                                | PAM            | ☆                               | ☆          | ○                  |
| Tenant directory on COP, custom COP faceplate                                  |                |                                 | ☆          | ○                  |
| Loudspeaker provision in car                                                   |                |                                 | ☆          | ○                  |
| Call registered buzzer in car and at landing                                   |                | ☆                               | ☆          | ○                  |
| Green main floor button                                                        | GFB            | ☆                               | ☆          | ○                  |
| Folding seat in car                                                            |                | ☆                               |            | ○                  |
| Out of service switch and indicator in car                                     | OSS C          |                                 | ☆          | ○                  |
| Corridor illuminating control                                                  | CIC            | ☆                               | ☆          | ○                  |
| SECURITY FEATURES AND OPTIONS                                                  |                |                                 |            |                    |
| Locking of car calls with key switch                                           | LOC E          | ☆                               | ☆          | ○                  |
| Compulsory stopping at main floor                                              | CSM            |                                 | ☆          | ○                  |
| Priority call in car                                                           | PRC            |                                 | ☆          | ○                  |
| Locking of landing calls                                                       | LOL            | ☆                               | ☆          | ○                  |
| HAZARD AVOIDANCE FEATURES AND OPTIONS                                          |                |                                 |            |                    |
| Halogen free electrification cables                                            | SHL            | ☆                               | ☆          | ○                  |
| Accurate leveling operation with doors open                                    | ACL B          | ☆                               | ☆          | ●                  |
| Automatic evacuation to nearest landing                                        | EBD A          |                                 |            | ○                  |
| Car ventilation with fan                                                       | OCV            |                                 | ☆          | ○                  |
| Emergency power drive, operation with emergency generator                      | EPD            |                                 | ☆          | ○                  |
| KONE Remote Monitoring with GSM connection                                     | KRM PW / KRM G | ☆                               | ☆          | ○                  |
| Independent dual brake                                                         |                | ☆                               | ☆          | ●                  |
| Curtain of light in car door                                                   | COL            | ☆                               | ☆          | ○                  |
| Hoistway access detection, Door opening monitoring                             | DOM            | ☆                               |            | ○                  |
| Car door lock                                                                  | CDL            | ☆                               | ☆          | ○                  |
| Car emergency light                                                            | CEL            | ☆                               | ☆          | ●                  |
| Maintenance light on the Maintenance Access Panel                              |                | ☆                               | ☆          | ●                  |
| Maintenance intercom from Maintenance Access Panel to car                      | EPD            |                                 | ☆          | ○                  |
| Sequencer for elevator group in recovering from the power black out, EPS G     | EPS G          |                                 | ☆          | ○                  |
| Safety gear in counterweight for elevators with occupied levels under the pit  | CWT SG         |                                 | ☆          | ○                  |
| Earthquake sensor contact option                                               | EAQ            |                                 | ☆          | ○                  |
| Fire service operation                                                         | FRD            |                                 |            | ○                  |
| SYSTEM OPTIONS                                                                 |                |                                 |            |                    |
| KONE InfoScreen to display building related information in the car and landing |                | ☆                               | ☆          | ○                  |
| KONE E-link, elevator monitoring system                                        |                |                                 | ☆          | ○                  |
| KONE IDE300, building door, access control and elevator integration            |                | ☆                               |            | ○                  |
| SPECIAL ELEVATOR SOLUTIONS CONFORMING WITH SAFETY CODES                        |                |                                 |            |                    |
| EN81-72 Fire fighters lifts                                                    |                |                                 |            | ○                  |
| EN81-73 Behaviour of lifts in the event of fire                                |                |                                 |            | ○                  |
| EN81-71 Vandal resistant lifts, CAT1                                           |                |                                 |            | ○                  |
| EN81-70, Elevators for passengers with disabilities                            |                |                                 |            | ○                  |
| EN81-77 Behavior of lifts in seismic conditions                                |                |                                 |            | ○                  |

☆ = recommendation

● = standard

○ = option



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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