

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 (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 |

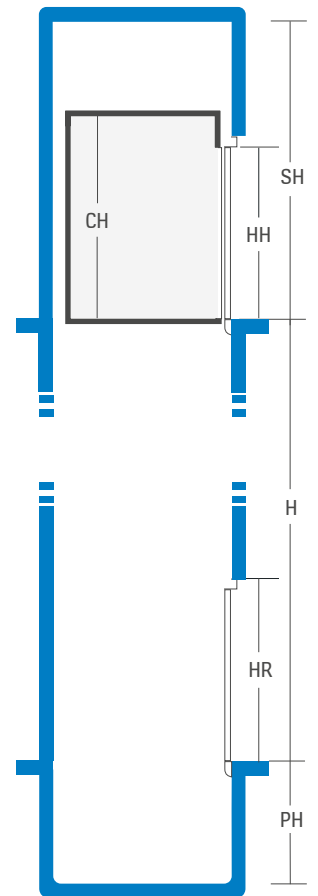
Add 400 mm in case 1100 mm balustrade is needed.

| 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 |

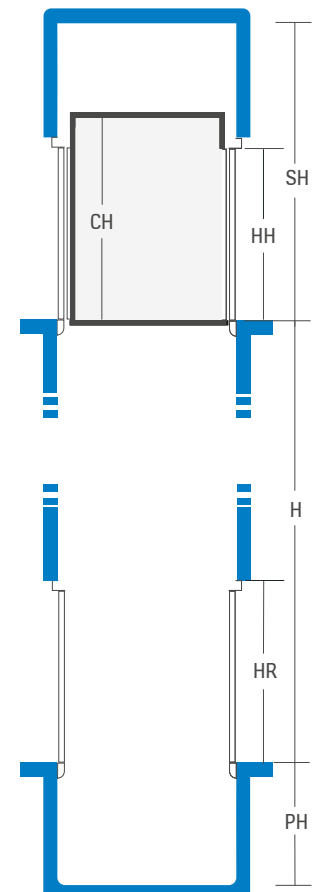
NOTE: More dimensions are available, please contact to your KONE sales representative.

- 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

SINGLE ENTRANCE SHAFT

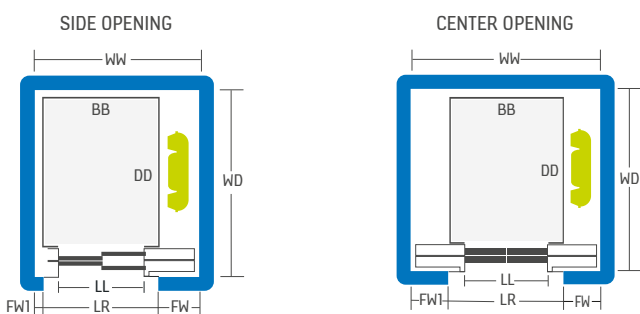


THROUGH TYPE SHAFT

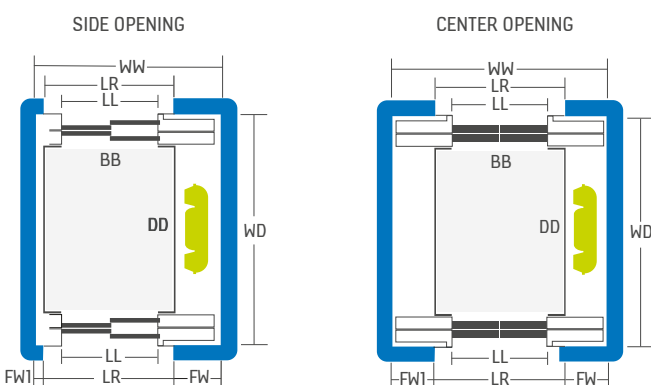


FRAME AND NARROW FRAME DOOR TYPES

SINGLE ENTRANCE CAR (SEC)



THROUGH TYPE CAR (TTC)



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

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

SIDE 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 | FW1 mm | LR mm | FW mm | FW1 mm | LR mm | LA mm | LB mm | LR 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

| | | | | | | | | WD min. mm | | Shaft wall width, frameless doors | | | Shaft wall width, frame doors | | | |
|-----------------|-----|------|---------------|---------|-------|-------|-------|------------|------|-----------------------------------|-------|--------|-------------------------------|-------|--------|-------|
| Rated speed m/s | | | Rated load kg | Persons | BB mm | DD mm | LL mm | WW min. mm | SEC | TTC | FW mm | FW1 mm | LR mm | FW mm | FW1 mm | LR 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 | CWTS 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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