

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

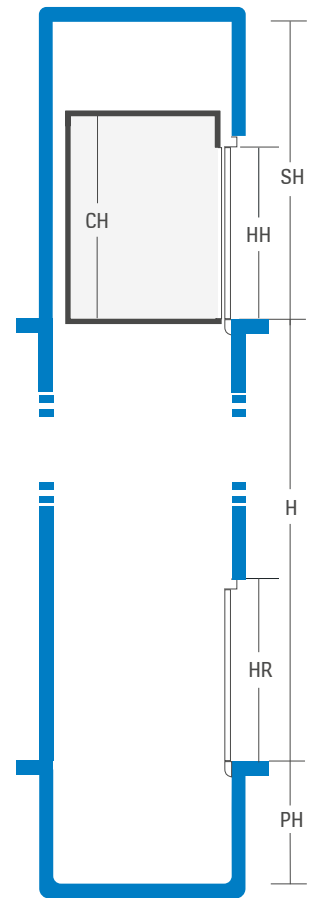
Add 400 mm in case 1100 mm balustrade is needed.

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

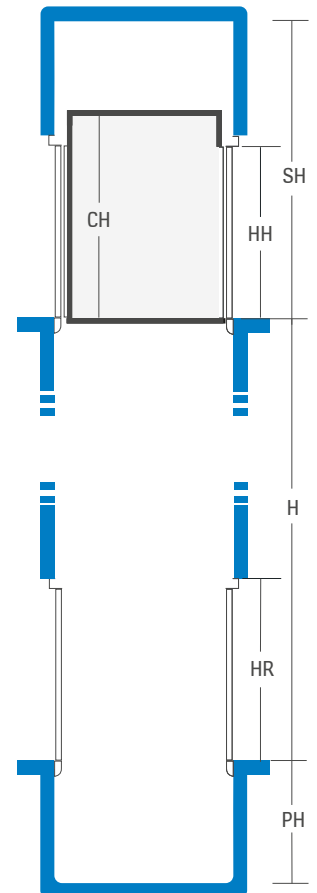
NOTE: More dimensions are available, please contact to your KONE sales representative.

- 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

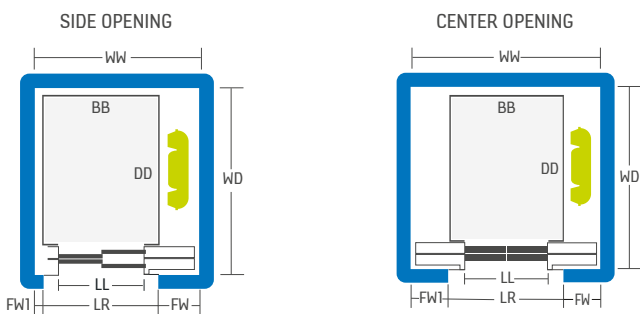


THROUGH TYPE SHAFT

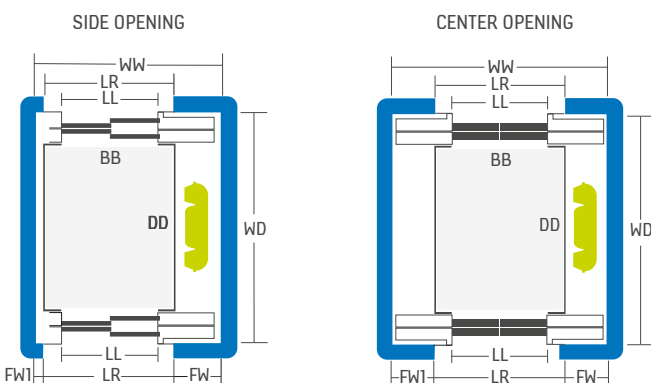


FRAME AND NARROW FRAME DOOR TYPES

SINGLE ENTRANCE CAR (SEC)



THROUGH TYPE CAR (TTC)



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

NARROW FRAME DOORS (Single entrance and through type cars)

SIDE OPENING DOORS												SHAFT WALL WIDTH, NARROW FRAME TYPE DOORS					
												KES 600		KES 800		WD min. mm	
Rated speed m/s			Rated load kg	Persons	BB mm	DD mm	LL mm	WW min. mm	WW min. mm	SEC	TTC	Fw mm	FWI mm	LR mm	Fw mm	FWI mm	LR 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 ¹⁾	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 ¹⁾	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 ¹⁾	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 ¹⁾	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 ¹⁾	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 ¹⁾	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

¹⁾ In case of EN81-20, balaustrade 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												SHAFT WALL WIDTH, NARROW FRAME DOORS					
												KES 600		KES 800		WD min. mm	
Rated speed m/s			Rated load kg	Persons	BB mm	DD mm	LL mm	WW min. mm	WW min. mm	SEC	TTC	Fw mm	FWI mm	LR mm	Fw mm	FWI mm	LR 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 ¹⁾	8	1100	1400	900	1940	1950	1700	1810	445	445	1050	450	450	1050
1.0	1.6	1.75	630 ¹⁾	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 ¹⁾	13	1100	2100	900	1940	1950	2400	2510	445	445	1050	450	450	1050
1.0	1.6	1.75	1000 ¹⁾	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 ¹⁾	13	1300	1700	1100	2340	2350	2000	2110	545	545	1250	550	550	1250
1.0	1.6	1.75	1000 ¹⁾	13	1400	1600	1000	2140	2150	1900	2010	495	495	1150	500	500	1150
1.0	1.6	1.75	1000 ¹⁾	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 ¹⁾	13	1600	1400	1100	2340	2350	1700	1810	545	545	1250	550	550	1250
1.0	1.6	1.75	1150 ¹⁾	15	1200	2100	900	1940	1950	2400	2510	445	445	1050	450	450	1050
1.0	1.6	1.75	1150 ¹⁾	15	1200	2100	1000	2140	2150	2400	2510	495	495	1150	500	500	1150
1.0	1.6	1.75	1150 ¹⁾	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 ¹⁾	15	1400	1850	1000	2140	2150	2150	2260	495	495	1150	500	500	1150
1.0	1.6	1.75	1150 ¹⁾	15	1400	1850	1100	2340	2350	2150	2260	545	545	1250	550	550	1250

¹⁾ In case of EN81-20, balaustrade 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

								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	CWTT 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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