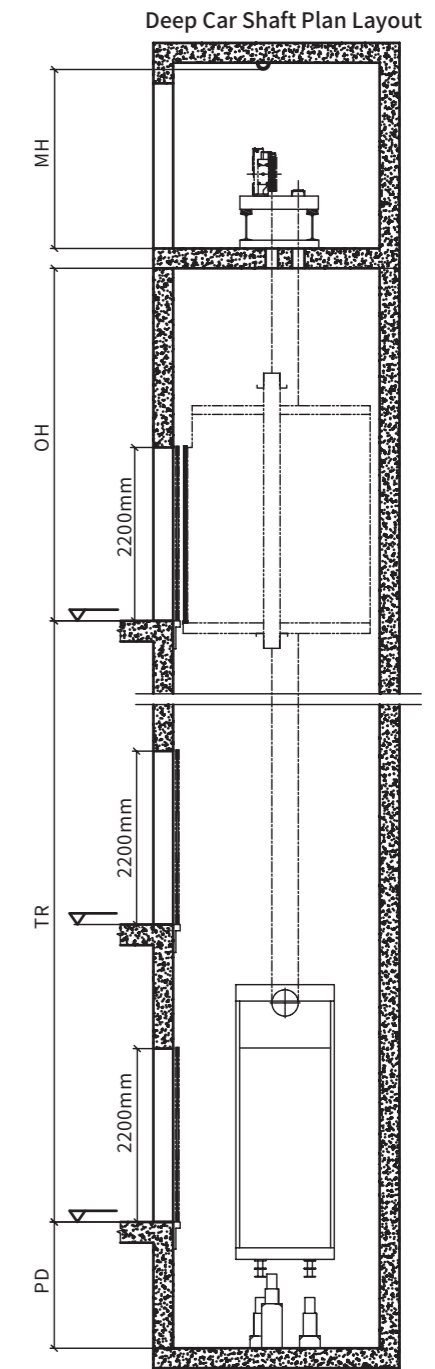
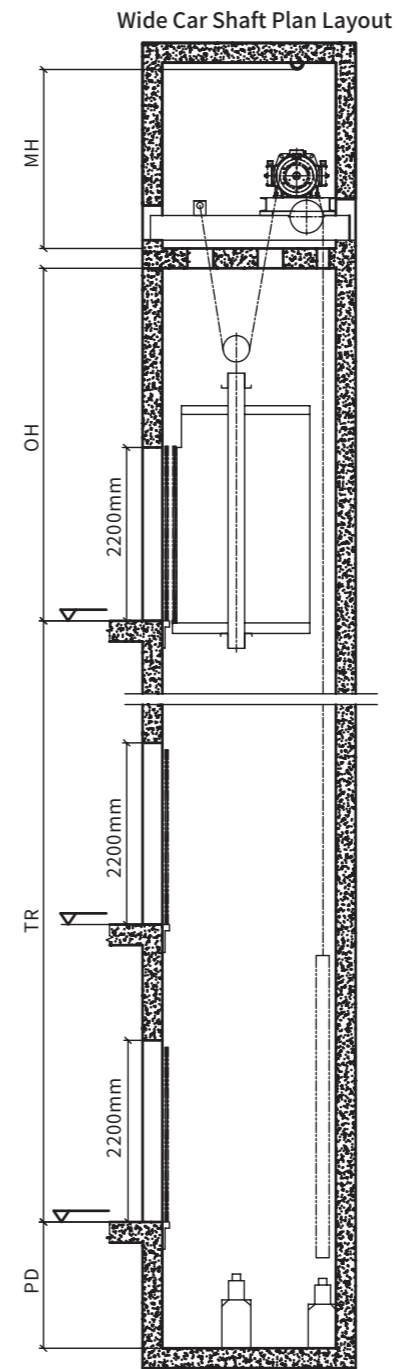


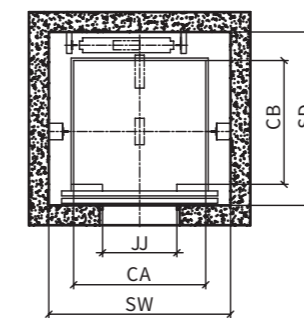
METIS-CR1 Technical Specification

NO.	Specification	630		800			1050				1350				1600												
01	Capacity (kg)	630		800			1050				1350				1600												
02	Speed (m/s)	1.0	1.75	1.0	1.75	2.0	1.0	1.75	2.0	2.5	1.0	1.75	2.0	2.5	1.0	1.75	2.0	2.5									
03	Operation System	full collective selection operation																									
04	Driving System	VVVF																									
05	Door Operator System	Permanent Magnet Synchronous type																									
06	Traction Machine	Permanent Magnet Synchronous Gearless type																									
07	Control System	CTRL 80/CTRL 70A																									
08	Communication	canbus serial communication																									
09	Parallel Elevators	2 units(Optional)																									
10	Group Control Elevators	3-8 units(Optional)																									
11	Wide Car	Car Size mm W*D*H	1400*1100*2420		1400*1350*2420			1600*1500*2420				1950*1500*2420				1950*1750*2420											
		Opening mm W*D	800*2100		800*2100			900*2100				1100*2100				1100*2100											
		Shaft Size mm W*D*H	2000*1750		2000*2000			2200*2100				2600*2200				2600*2500											
12	Deep Car1	Car Size mm W*D*H	---		1200*1600*2420			1300*1750*2420				1700*1750*2420				1700*2000*2420											
		Opening mm W*D	---		800*2100			900*2100				1100*2100				1100*2100											
		Shaft Size mm W*D*H	---		2000*2000			2200*2100				2600*2200				2600*2500											
13	Deep Car2	Car Size mm W*D*H	---		---			1100*2100*2420				1200*2400*2420				1400*2400*2420											
		Opening mm W*D	---		---			900*2100				900*2100				900*2100											
		Shaft Size mm W*D*H	---		---			2050*2500				2150*2750				2400*2800											
14	Travel Height	≤45	≤75	≤45	≤75	≤110	≤45	≤75	≤110	≤120	≤45	≤75	≤110	≤120	≤45	≤75	≤110	≤120									
15	Traction Machine Position	In the Machine Room																									
16	Overhead Height	4250	4450	4250	4450	4550	4250	4450	4550	4800	4350	4550	4650	4900	4350	4550	4650	4900									
17	Pit Depth	1500	1600	1500	1600	1700	1500	1600	2000	2150	1800	1950	2000	2150	1800	1950	2000	2150									
18	Rated Power (kW)	5	10.1	6.2	9.6	11.1	8.0	13.3	15.6	19.5	9.3	16.5	19.2	23.8	11.4	20.6	24.5	30.7									
19	Rated Current (A)	14	22	15	22	25	20	29	34	46	22	38	44	54	27	46	55	64									
20	Starting Current (A)	21	33	22.5	33	37.5	30	43.5	51	69	33	57	66	81	40.5	69	82.5	96									
21	Brake Voltage (V)	start at DC 110V maintain at DC 68V																									
22	Power Supply & Min. Wiring Requirement	380V, 50Hz, 3-phase 5-wire, zero wire and ground wire separated, see requirements on the shaft plan drawing																									
		3*6mm ² +2*6mm ²		3*10mm ² +2*6mm ²			3*6mm ² +2*6mm ²			3*10mm ² +2*6mm ²				3*10mm ² +2*6mm ²				3*16mm ² +2*10mm ²				3*10mm ² +2*6mm ²				3*25mm ² +2*16mm ²	

Note:
 1. Deep car is used for specified application, such as for stretcher delivery in evacuation occasions.
 Car height is 2420mm when select standard C22 series ceiling (height 80mm). Car height may vary due to different type of ceilings.



Wide Car Shaft Section Drawing



Deep Car Shaft Section Drawing

