

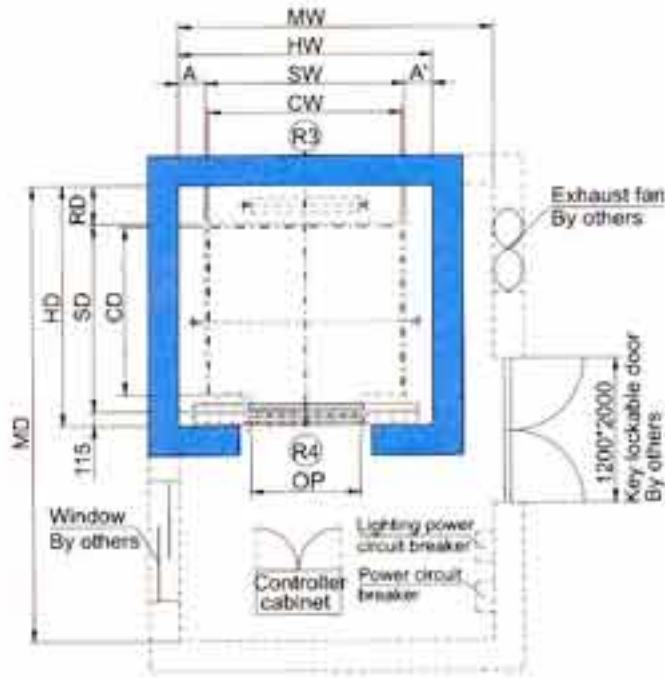


# C300 Passenger Elevator (A)

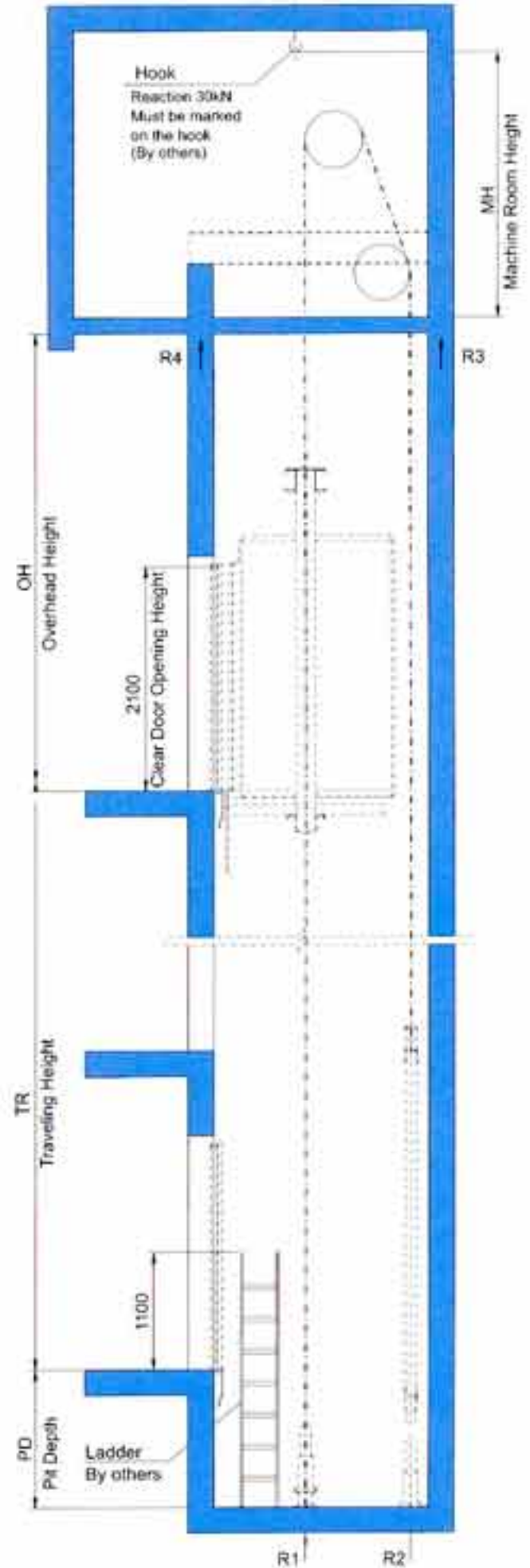
## Layout

## Wide cage

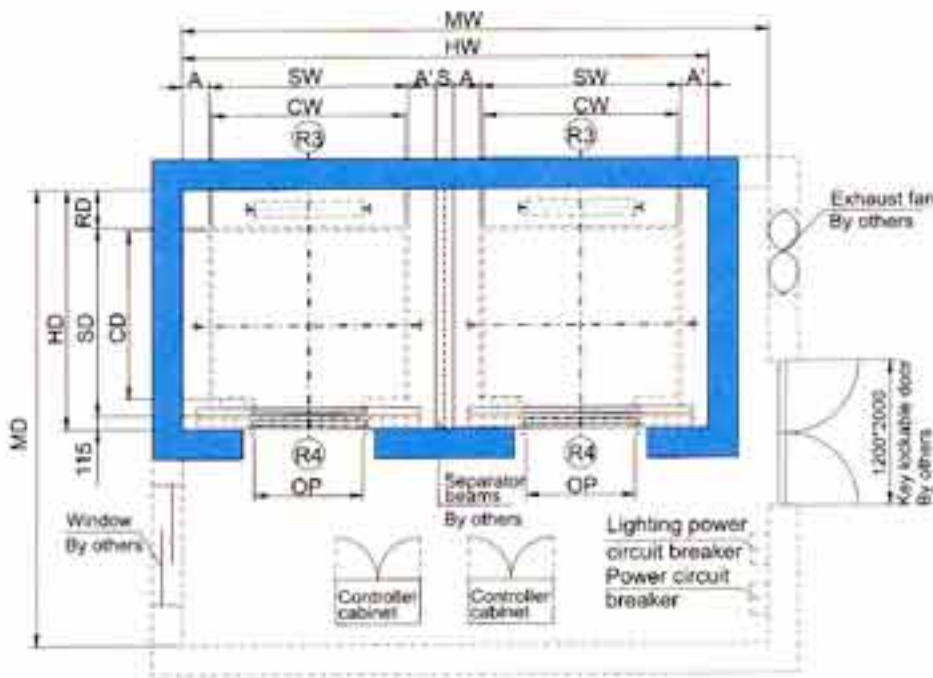
HOISTWAY & MACHINE ROOM PLAN (Simplex)



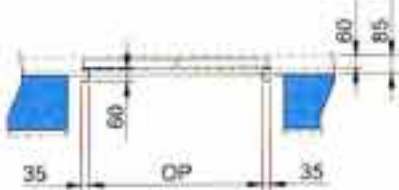
HOISTWAY ELEVATION



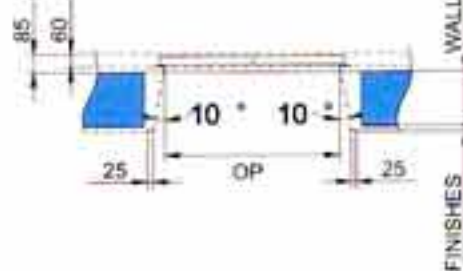
HOISTWAY & MACHINE ROOM PLAN (Duplex)



NARROW JAMB DETAIL



WIDE JAMB DETAIL



OVERHEAD, PIT DEPTH & MACHINE ROOM HEIGHT

Speed (m/min)	Load (kg)	Overhead OH (mm)	Pit Depth PD (mm)	Machine Room Height MH (mm)
60	Q ≤ 1000	4300	1300	2500
	Q > 1000	4400	1400	2700
90	Q ≤ 1000	4400	1400	2500
	Q > 1000	4500	1500	2700
105	Q ≤ 1000	4500	1500	2500

# C300 Passenger Elevator (A)

## PLANNING GUIDE FOR DIMENSIONS

Unit: mm

Speed (m/min)	Capacity		Entrance Center Opening (mm)	Car Size		Dimensions			Hoistway Size				Machine Room Size				Machine Room		Pit Reaction	
	Person	Load (kg)		Inside CW*CD	Outside SW*SD	AAA	RD	S	Simplex		Duplex		Simplex		Duplex		Reaction Load(kg)		Load(kg)	
			HW						HD	HW	HD	MW	MD	MW	MD	R3	R4	R1	R2	
60	6	450	800	1400×850	1450×1015	200	320	150	1850	1450	3850	1450	2350	3450	4350	3450	3600	2300	5300	4400
	7	550	800	1400×1000	1450×1165	200	320	150	1850	1600	3850	1600	2350	3600	4350	3600	4000	2600	6200	5100
	8	600	800	1400×1100	1450×1265	200	320	150	1850	1700	3850	1700	2350	3700	4350	3700	4200	2800	6700	5500
	9	680	800	1400×1200	1450×1365	200	320	150	1850	1800	3850	1800	2350	3800	4350	3800	4900	3100	7200	5800
	10	750	800	1400×1300	1450×1465	200	320	150	1850	1900	3850	1900	2350	3900	4350	3900	5300	3300	7800	6300
	10	800	800	1400×1350	1450×1515	200	320	150	1850	1950	3850	1950	2350	3950	4350	3950	5600	3500	8300	6700
	12	900	900	1600×1300	1650×1465	225	320	150	2100	1900	4350	1900	2600	3900	4850	3900	6100	3800	9200	7400
	13	1000	900	1600×1400	1650×1565	225	320	150	2100	2000	4350	2000	2600	4000	4850	4000	6700	4100	10100	8100
	15	1150	1000	1800×1400	1850×1565	275	420	150	2400	2100	4950	2100	2900	4100	5450	4100	7400	4800	11500	9200
			1100	2000×1300	2050×1465	275	420	150	2600	2000	5350	2000	3100	4000	5850	4000	7400	4900	11500	9200
	18	1350	1000	1800×1600	1850×1765	275	420	150	2400	2300	4950	2300	2900	4300	5450	4300	8600	5400	13400	10700
1100			2000×1500	2050×1665	275	420	150	2600	2200	5350	2200	3100	4200	5850	4200	8500	5400	13400	10700	
21	1600	1100	2000×1700	2050×1865	275	420	150	2600	2400	5350	2400	3100	4400	5850	4400	10200	6200	15700	12500	

Unit: mm

Speed (m/min)	Capacity		Entrance Center Opening (mm)	Car Size		Dimensions			Hoistway Size				Machine Room Size				Machine Room		Pit Reaction	
	Person	Load (kg)		Inside CW*CD	Outside SW*SD	AAA	RD	S	Simplex		Duplex		Simplex		Duplex		Reaction Load(kg)		Load(kg)	
			HW						HD	HW	HD	MW	MD	MW	MD	R3	R4	R1	R2	
90	7	550	800	1400×1000	1450×1165	200	320	150	1850	1600	3850	1600	2350	3600	4350	3600	4400	2800	6200	5100
	8	600	800	1400×1100	1450×1265	200	320	150	1850	1700	3850	1700	2350	3700	4350	3700	4700	3000	6700	5500
	9	680	800	1400×1200	1450×1365	200	320	150	1850	1800	3850	1800	2350	3800	4350	3800	4900	3100	7200	5800
	10	750	800	1400×1300	1450×1465	200	320	150	1850	1900	3850	1900	2350	3900	4350	3900	5300	3300	7800	6300
	10	800	800	1400×1350	1450×1515	200	320	150	1850	1950	3850	1950	2350	3950	4350	3950	5600	3500	8300	6700
	12	900	900	1600×1300	1650×1465	225	320	150	2100	1900	4350	1900	2600	3900	4850	3900	6100	3800	9200	7400
	13	1000	900	1600×1400	1650×1565	225	320	150	2100	2000	4350	2000	2600	4000	4850	4000	6700	4100	10100	8100
90	15	1150	1000	1800×1400	1850×1565	275	420	150	2400	2100	4950	2100	2900	4100	5450	4100	7400	4800	11500	9200
			1100	2000×1300	2050×1465	275	420	150	2600	2000	5350	2000	3100	4000	5850	4000	7400	4900	11500	9200
	18	1350	1000	1800×1600	1850×1765	275	420	150	2400	2300	4950	2300	2900	4300	5450	4300	8600	5400	13400	10700
			1100	2000×1500	2050×1665	275	420	150	2600	2200	5350	2200	3100	4200	5850	4200	8500	5400	13400	10700
21	1600	1100	2000×1700	2050×1865	275	420	150	2600	2400	5350	2400	3100	4400	5850	4400	10200	6200	15700	12500	

## ELECTRICAL DESIGN GUIDE

380V

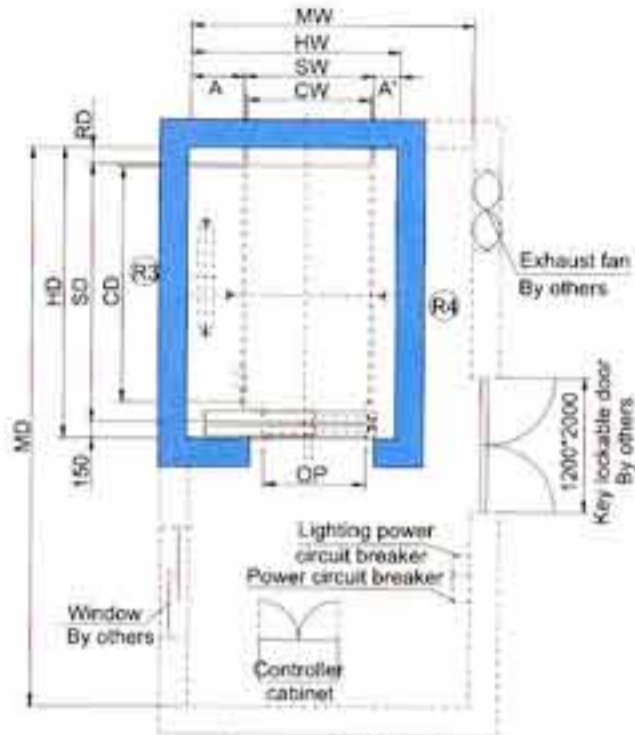
Speed (m/min)	Capacity		Motor Capa. (kW)	MCCB Capacity of Building (A)		Power Supply Capacity(KVA)		Lead-in Wire Size (mm <sup>2</sup> )		Earth Wire Size(mm <sup>2</sup> )	Heat Output (KJ/H)	Starting Power (kVA/set)
	Person	Load (kg)		Simplex	Duplex	Simplex	Duplex	Simplex	Duplex			
60	6	450	5.5	20	35	6.9	13.8	4	6	4	2836	12.65
	7	550	6.4	20	40	7.9	15.8	6	10	6	3466	14.72
	8	600	7.5	25	45	8.7	17.4	6	10	6	3781	17.25
	9	680	7.5	25	45	8.7	17.4	6	10	6	4285	17.25
	10	750	9	30	55	10.6	21.2	6	10	6	4726	20.7
	10	800	9	30	55	10.6	21.2	6	10	6	5041	20.7
	12	900	11	35	63	13.2	26.4	6	10	6	5671	25.3
	13	1000	11	35	63	13.2	26.4	6	10	6	6300	25.3
	15	1150	11	35	63	13.2	26.4	6	10	6	7246	25.3
	18	1350	15	45	90	17.4	34.8	10	16	10	8506	34.5
	21	1600	18.5	60	110	21.7	43.4	16	20	16	10080	42.55
90	7	550	9	30	63	10.6	21.2	6	10	6	5198	20.7
	8	600	11	35	63	13.2	26.4	6	10	6	5671	25.3
	9	680	11	35	63	13.2	26.4	6	10	6	4627	25.3
	10	750	15	45	90	17.4	34.8	10	16	10	7088	34.5
	10	800	15	45	90	17.4	34.8	10	17	10	7560	34.5
	12	900	15	45	90	17.4	34.8	10	18	10	8505	34.5
	13	1000	18.5	60	110	21.7	43.4	16	20	16	9451	42.55
	15	1150	18.5	60	110	21.7	43.4	16	20	16	10868	42.55
	18	1350	22	70	130	25.6	51.2	16	20	16	12758	50.6
	21	1600	22	70	130	25.6	51.2	16	20	16	15121	50.6
105	7	550	11	35	63	13.2	26.4	6	10	6	6064	25.3
	8	600	11	35	63	13.2	26.4	6	10	6	6615	25.3
	9	680	15	45	90	17.4	34.8	10	16	10	7497	34.5
	10	750	15	45	90	17.4	34.8	10	16	10	8270	34.5
	10	800	15	45	90	17.4	34.8	10	16	10	8820	34.5
	12	900	18.5	60	110	21.7	43.4	16	20	16	9923	42.55
	13	1000	18.5	60	110	21.7	43.4	16	20	16	11026	42.55

# C300 Passenger Elevator (B)

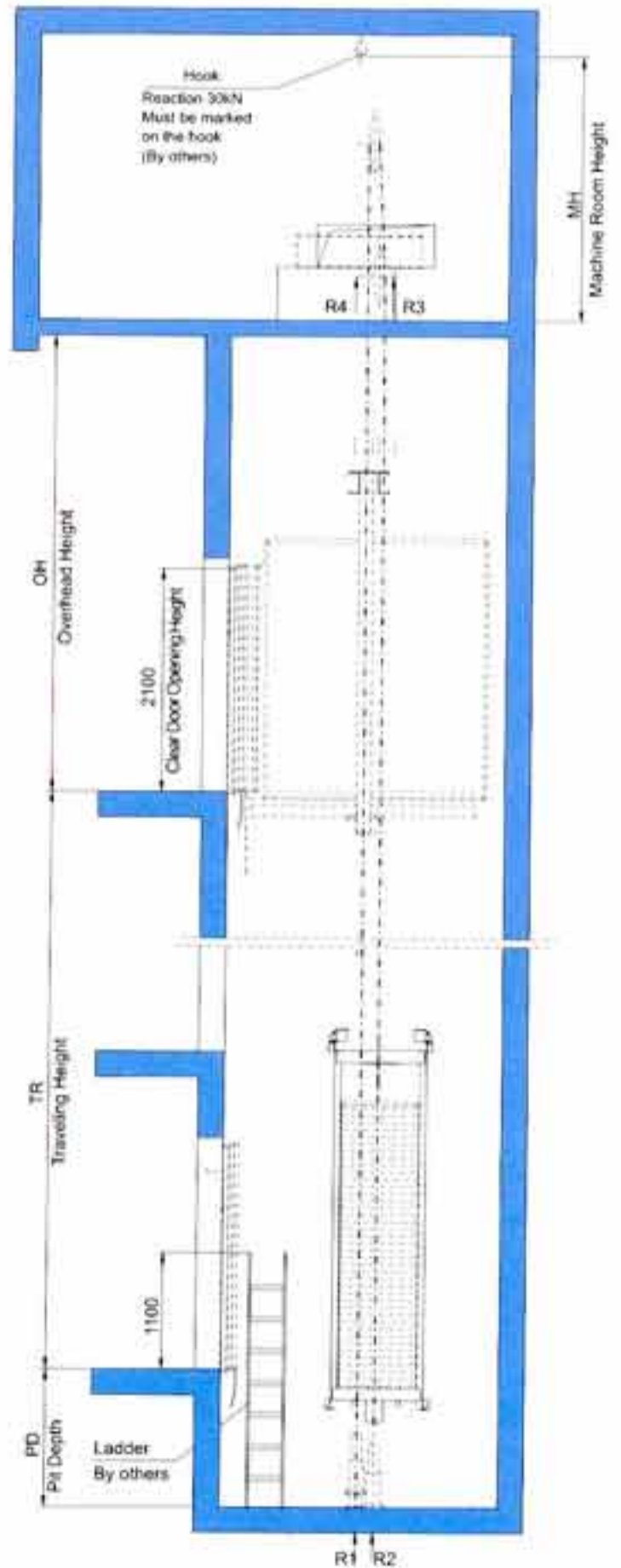
## Layout

## Deep cage

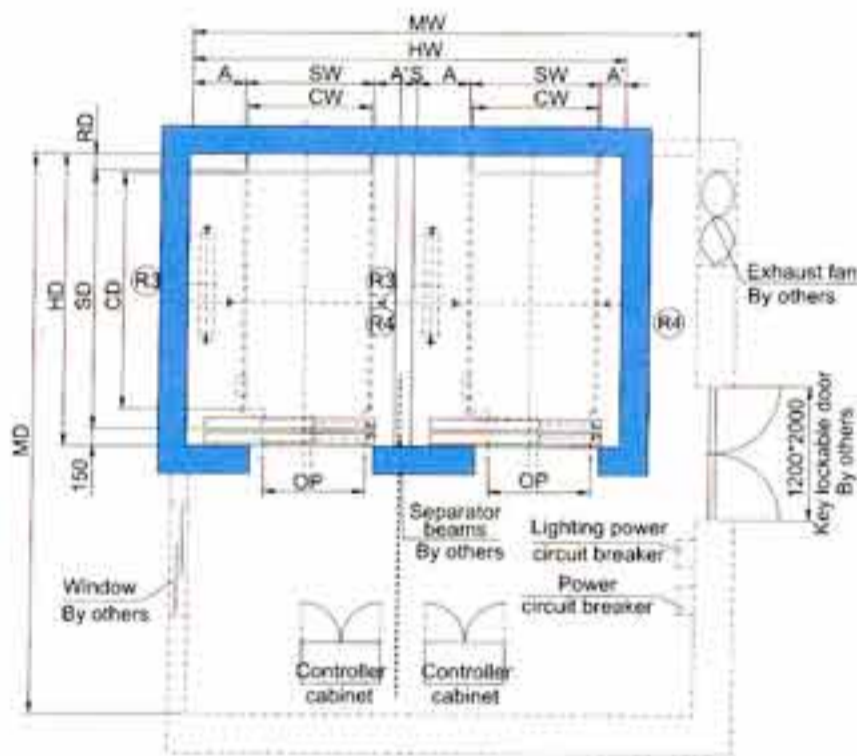
HOISTWAY & MACHINE ROOM PLAN (Simplex)



HOISTWAY ELEVATION



HOISTWAY & MACHINE ROOM PLAN (Duplex)



**NOTE:**

1. Unit:mm
2. Left hand door as drawing, right hand door symmetrical to this drawing

### OVERHEAD, PIT DEPTH & MACHINE ROOM HEIGHT

Speed (m/min)	Load (kg)	Overhead OH (Mm)	Pit Depth PD (mm)	Machine Room Height MH (mm)
60	Q≤1000	4300	1300	2500
	Q>1000	4400	1400	2700
90	Q≤1000	4400	1400	2500
	Q>1000	4500	1500	2700
105	Q≤1000	4500	1500	2500

# C300 Passenger Elevator (B)

## PLANNING GUIDE FOR DIMENSIONS

Unit:mm

Speed (m/min)	Capacity		Entrance	Car Size		Dimensions				Hoistway Size				Machine Room Size				Machine Room		Pit Reaction	
	Person	Load (kg)	Side Opening (mm)	Inside	Outside	In Hoistway				Simplex		Duplex		Simplex		Duplex		Reaction Load(kg)		Load(kg)	
				CW*CD	SW*SD	A	A'	RD	S	HW	HD	HW	HD	MW	MD	MW	MD	R3	R4	R1	R2
60 90	7	550	800	1000×1400	1050×1600	470	230	150	150	1750	1900	3850	1900	2250	3900	4150	3900	4500	2800	6200	5100
	8	600	900	1100×1400	1150×1600	470	230	150	150	1850	1900	3850	1900	2350	3900	4350	3900	4800	2900	6700	5500
	9	680	900	1100×1550	1150×1750	470	230	150	150	1850	2050	3850	2050	2350	4050	4350	4050	5000	3100	7200	5800
	10	750	900	1100×1650	1150×1850	470	230	150	150	1850	2150	3850	2150	2350	4150	4350	4150	5400	3300	7800	6300
	10	800	900	1100×1750	1150×1950	470	230	150	150	1850	2250	3850	2250	2350	4250	4350	4250	5600	3400	8300	6700
	12	900	900	1100×1900	1150×2100	470	230	150	150	1850	2400	3850	2400	2350	4400	4350	4400	6200	3700	9200	7400
	13	1000	900	1100×2100	1150×2300	470	230	150	150	1850	2600	3850	2600	2350	4600	4350	4600	6700	4000	10100	8100
	15	1150	1000	1200×2100	1250×2300	545	305	150	150	2100	2600	4350	2600	2600	4600	4850	4600	6000	4800	11500	9200
	18	1350	1000	1300×2200	1350×2400	545	305	150	150	2200	2700	4550	2700	2700	4700	5050	4700	9200	5400	13400	10700
21	1600	1100	1400×2400	1450×2600	545	305	150	150	2300	2900	4750	2900	2800	4900	5250	4900	10900	6200	15700	12500	

Unit:mm

Speed (m/min)	Capacity		Entrance	Car Size		Dimensions				Hoistway Size				Machine Room Size				Machine Room		Pit Reaction	
	Person	Load (kg)	Side Opening (mm)	Inside	Outside	In Hoistway				Simplex		Duplex		Simplex		Duplex		Reaction Load(kg)		Load(kg)	
				CW*CD	SW*SD	A	A'	RD	S	HW	HD	HW	HD	MW	MD	MW	MD	R3	R4	R1	R2
105	7	550	800	1000×1400	1050×1600	470	230	150	150	1750	1900	3850	1900	2250	3900	4150	3900	4500	2800	6200	5100
	8	600	900	1100×1400	1150×1600	470	230	150	150	1850	1900	3850	1900	2350	3900	4350	3900	4800	2900	6700	5500
	9	680	900	1100×1550	1150×1750	470	230	150	150	1850	2050	3850	2050	2350	4050	4350	4050	5000	3100	7200	5800
	10	750	900	1100×1650	1150×1850	470	230	150	150	1850	2150	3850	2150	2350	4150	4350	4150	5400	3300	7800	6300
	10	800	900	1100×1750	1150×1950	470	230	150	150	1850	2250	3850	2250	2350	4250	4350	4250	5600	3400	8300	6700
	12	900	900	1100×1900	1150×2100	470	230	150	150	1850	2400	3850	2400	2350	4400	4350	4400	6200	3700	9200	7400
	13	1000	900	1100×2100	1150×2300	470	230	150	150	1850	2600	3850	2600	2350	4600	4350	4600	6700	4000	10100	8100

## ELECTRICAL DESIGN GUIDE

380V

Speed (m/min)	Capacity		Motor Capa. (kW)	MCCB Capacity of Building (A)		Power Supply Capacity(KVA)		Lead-in Wire Size (mm <sup>2</sup> )		Earth Wire Size(mm <sup>2</sup> )	Heat Output (kJ/H)	Starting Power (kVA/est)
	Person	Load (kg)		Simplex	Duplex	Simplex	Duplex	Simplex	Duplex			
60	6	450	5.5	20	35	6.9	13.8	4	6	4	2836	12.65
	7	550	6.4	20	40	7.9	15.8	6	10	6	3466	14.72
	8	600	7.5	25	45	8.7	17.4	6	10	6	3781	17.25
	9	680	7.5	25	45	8.7	17.4	6	10	6	4285	17.25
	10	750	9	30	55	10.6	21.2	6	10	6	4726	20.7
	10	800	9	30	55	10.6	21.2	6	10	6	5041	20.7
	12	900	11	35	63	13.2	26.4	6	10	6	5671	25.3
	13	1000	11	35	63	13.2	26.4	6	10	6	6300	25.3
	15	1150	11	35	63	13.2	26.4	6	10	6	7246	25.3
	18	1350	15	45	90	17.4	34.8	10	16	10	8506	34.5
90	7	550	9	30	63	10.6	21.2	6	10	6	5198	20.7
	8	600	11	35	63	13.2	26.4	6	10	6	5671	25.3
	9	680	11	35	63	13.2	26.4	6	10	6	4627	25.3
	10	750	15	45	90	17.4	34.8	10	16	10	7088	34.5
	10	800	15	45	90	17.4	34.8	10	17	10	7560	34.5
	12	900	15	45	90	17.4	34.8	10	18	10	8505	34.5
	13	1000	18.5	60	110	21.7	43.4	16	20	16	9451	42.55
	15	1150	18.5	60	110	21.7	43.4	16	20	16	10868	42.55
	18	1350	22	70	130	25.6	51.2	16	20	16	12758	50.6
105	7	550	11	35	63	13.2	26.4	6	10	6	6064	25.3
	8	600	11	35	63	13.2	26.4	6	10	6	6615	25.3
	9	680	15	45	90	17.4	34.8	10	16	10	7497	34.5
	10	750	15	45	90	17.4	34.8	10	16	10	8270	34.5
	10	800	15	45	90	17.4	34.8	10	16	10	8820	34.5
	12	900	18.5	60	110	21.7	43.4	16	20	16	9923	42.55
	13	1000	18.5	60	110	21.7	43.4	16	20	16	11026	42.55