

REXIA

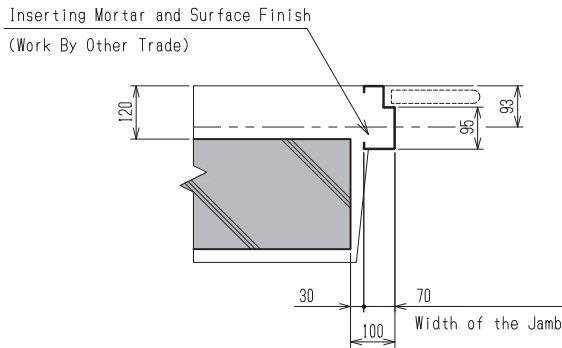
Machine-Room-Less Elevator

- Planning
- Standard Dimensions
- Power Supply Data

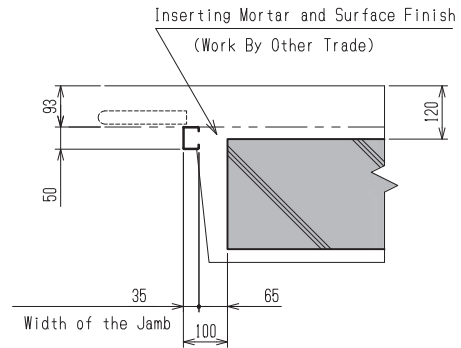
■ Travel of 40m or less

In Compliance With the Standards of EN81-20 and EN81-50

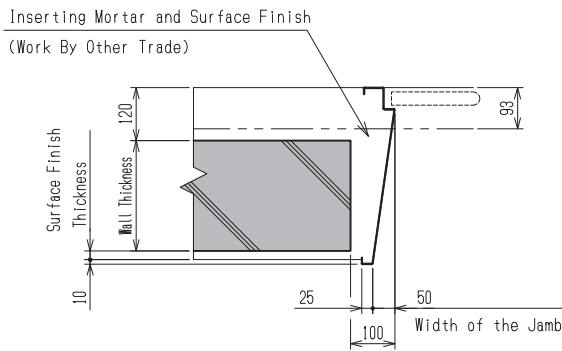
2-Panel Right-side Opening Door (2SR) (Opposite for 2SL)



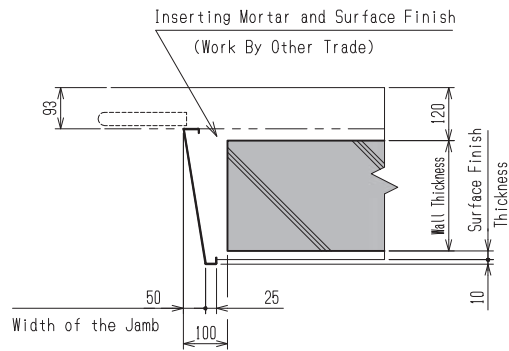
Standard (Left Side of the Narrow Jamb)



Standard (Right Side of the Narrow Jamb)

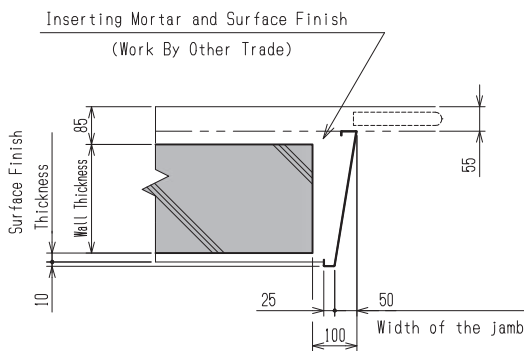


Optional (Left Side of the Wide Jamb)

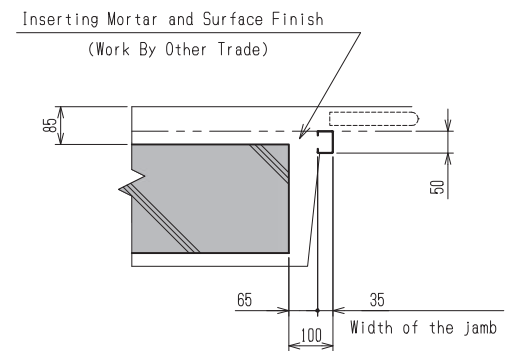


Optional (Right Side of the Wide Jamb)

2-Panel Center-Opening (2CO)



Wide Jamb

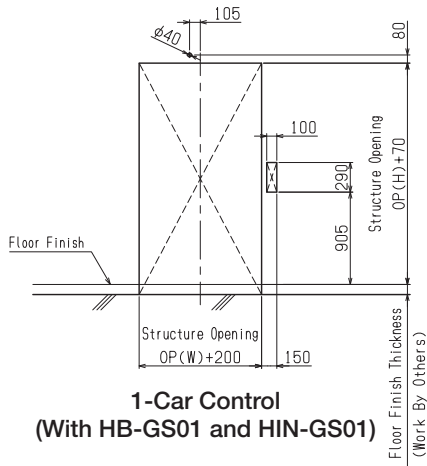


Narrow Jamb

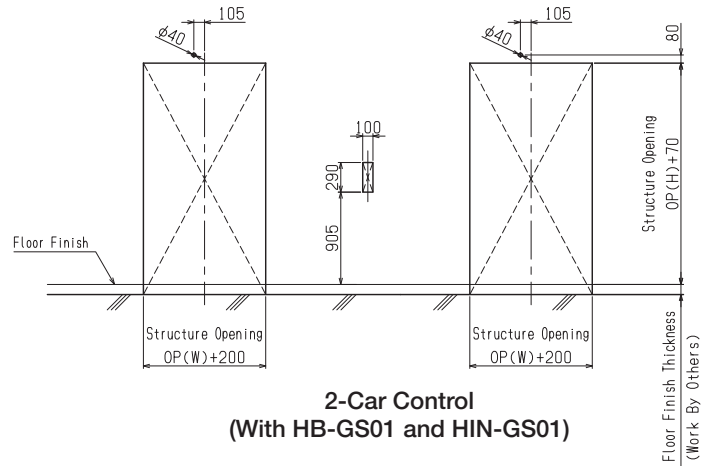
PLANNING

**Standard Hole Plan at landing to comply with EN81-70 Requirements;
-With standard landing fixtures (Wall-Mounted type fixtures)**

Bottom Terminal Floor

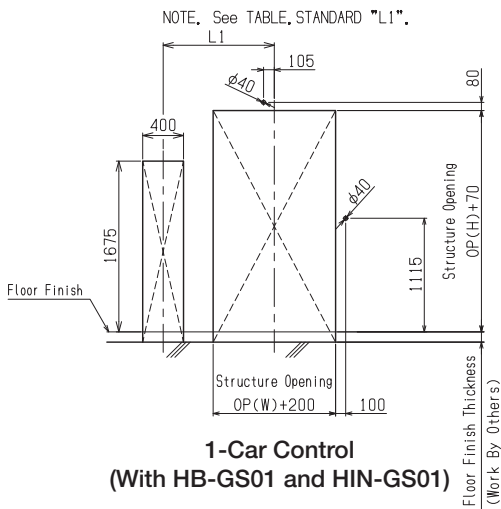


**1-Car Control
(With HB-GS01 and HIN-GS01)**

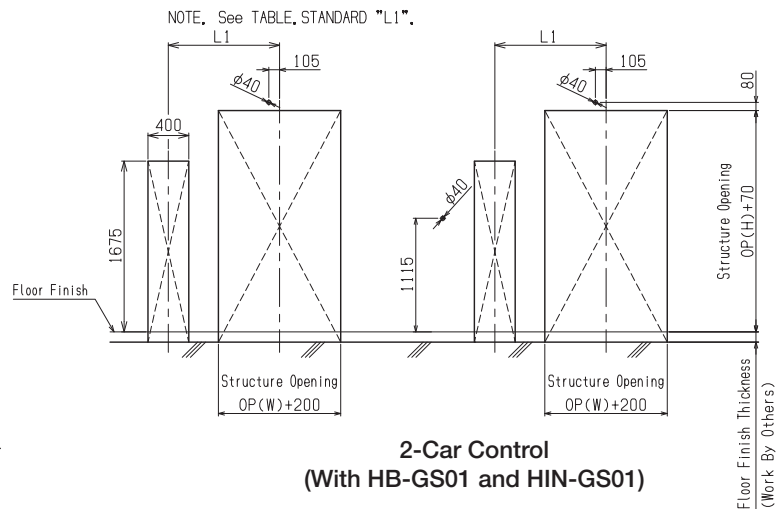


**2-Car Control
(With HB-GS01 and HIN-GS01)**

EOP Floor

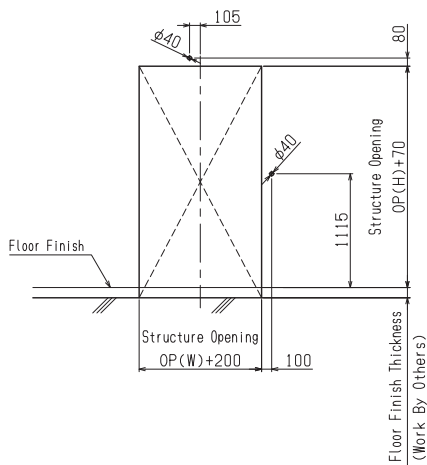


**1-Car Control
(With HB-GS01 and HIN-GS01)**

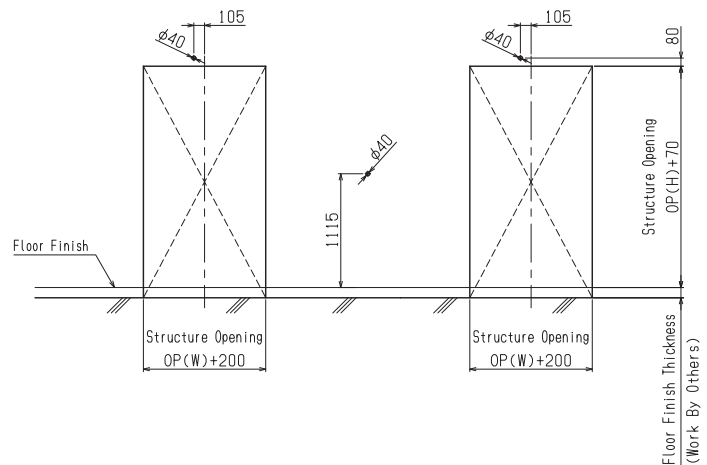


**2-Car Control
(With HB-GS01 and HIN-GS01)**

The Other Floors except Bottom Terminal Floor and EOP Floor



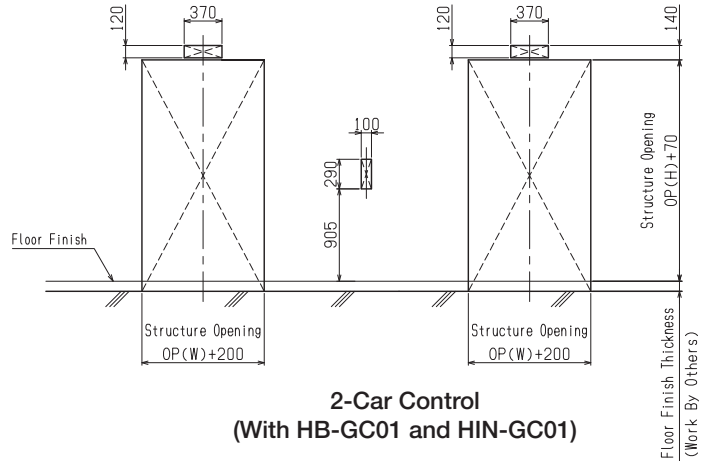
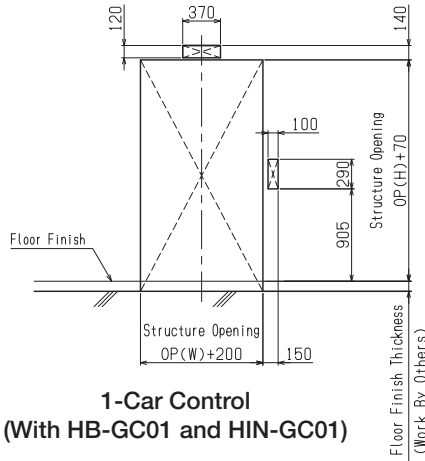
**1-Car Control
(With HB-GS01 and HIN-GS01)**



**2-Car Control
(With HB-GS01 and HIN-GS01)**

Standard Hole Plan at landing to comply with EN81-70 Requirments; -With optional landing fixtures (Box type fixtures)

All Floors except EOP Floor



EOP Floor

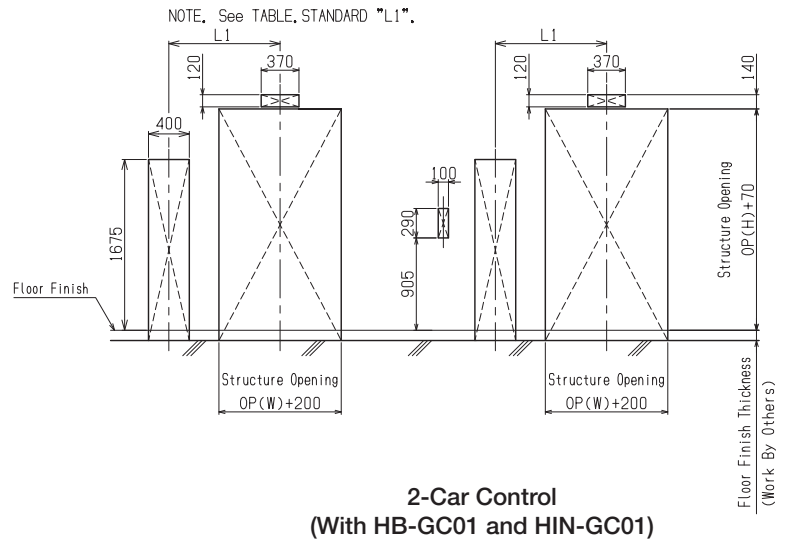
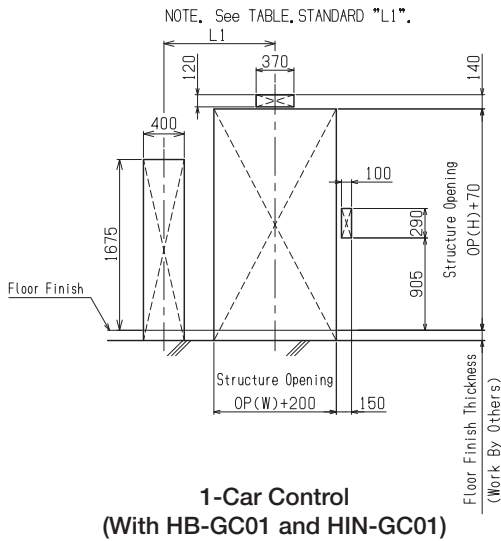


TABLE. Standard "L1"

WIDE CAR

Capacity(kg)	800	1000	1200	1275	1350	1600	2000
Opening Type	2C0	2C0	2C0	2C0	2C0	2C0	2C0
OP(W) (mm)	800	900	1100	1100	1100	1100	1200
L1 (mm)	890	1015	1160	1260	1260	1320	1470

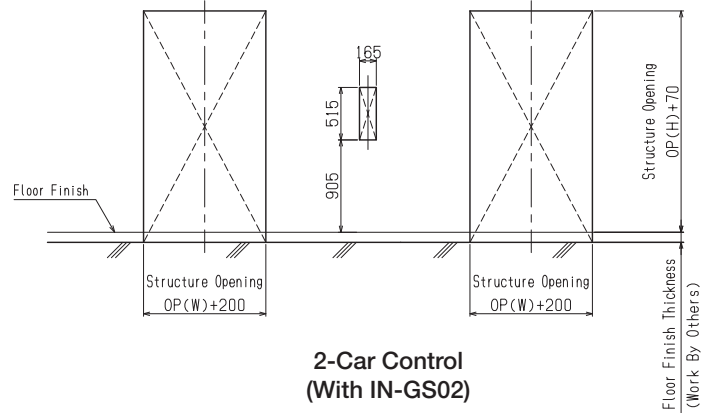
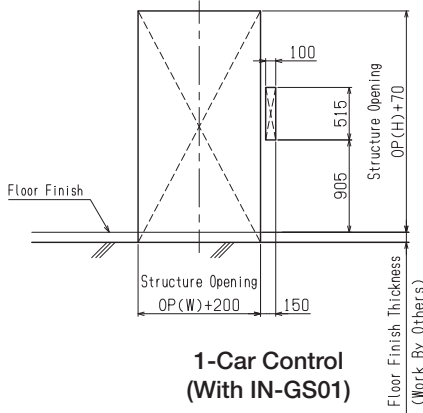
DEEP CAR

Capacity(kg)	450	630	630	800	1000	1200	1350	1600	2000
Opening Type	2S	2C0	2C0	2C0	2C0	2C0	2C0	2C0	2C0
OP(W) (mm)	800	800	900	800	900	900	900	1200	1200
L1 (mm)	810	715	805	775	775	835	835	1085	1190

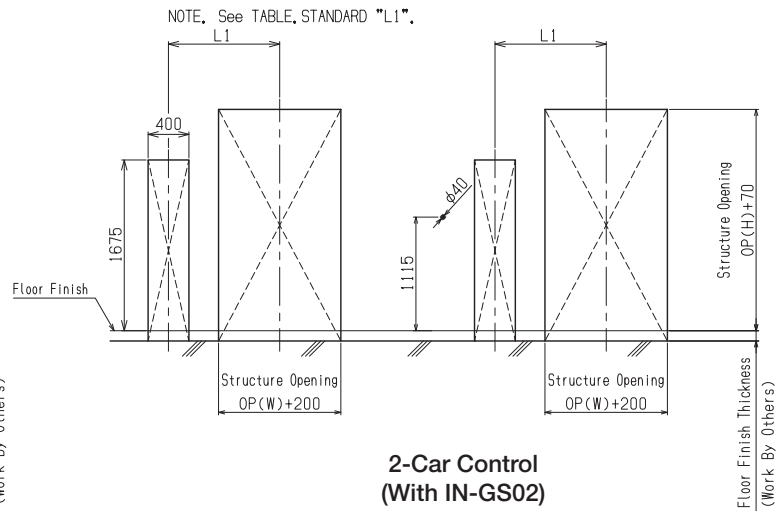
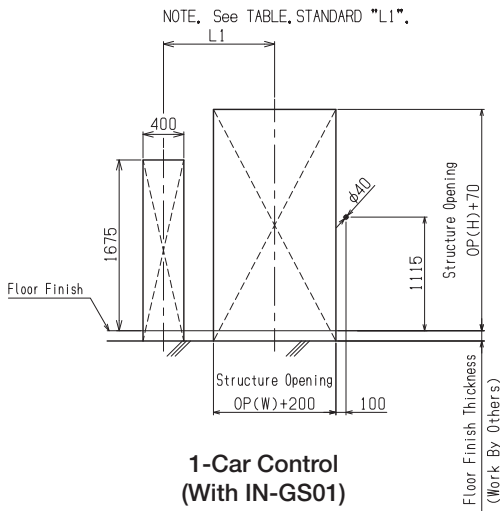
PLANNING

**Standard Hole Plan at landing (non-EN81-70) ;
-With standard landing fixtures (Wall-Mounted type fixtures)**

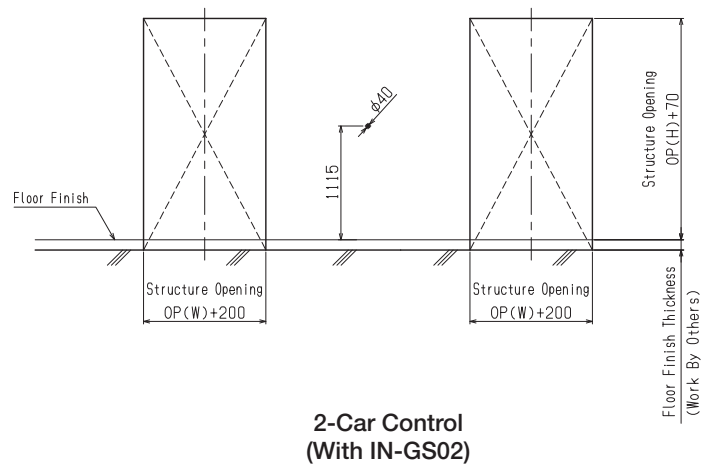
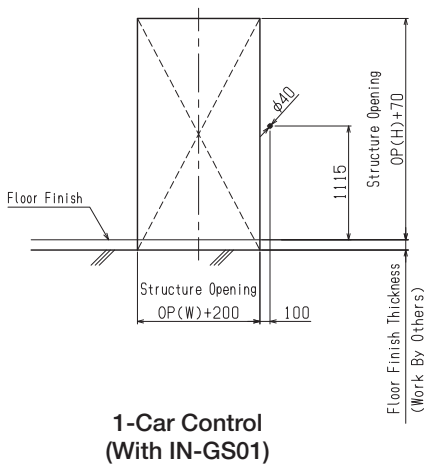
Bottom Terminal Floor



EOP Floor

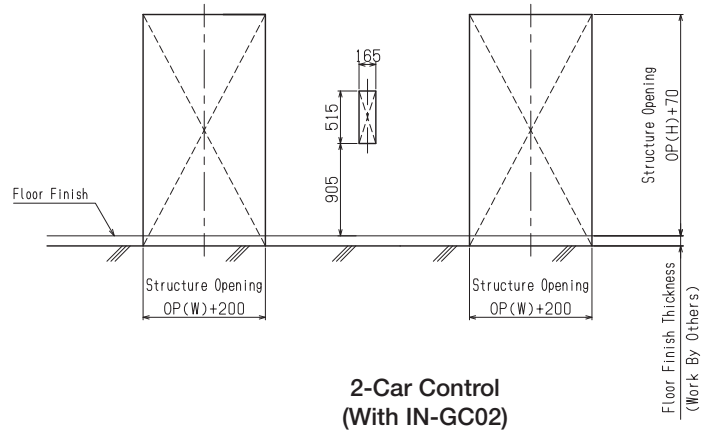
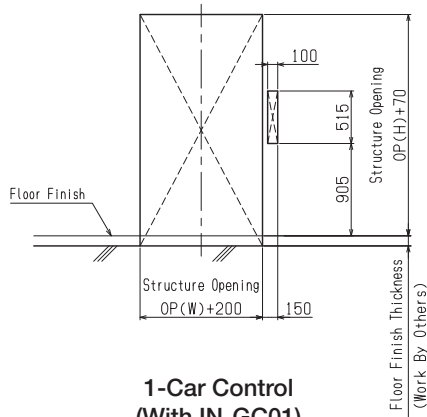


The Other Floors except Bottom Terminal Floor and EOP Floor



Standard Hole Plan at landing (non-EN81-70) ; -With optional landing fixtures (Box type fixtures)

All Floors except EOP Floor



EOP Floor

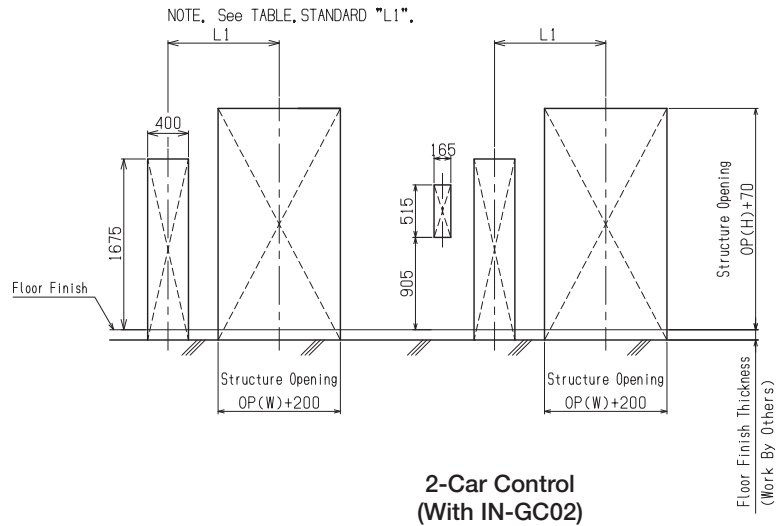
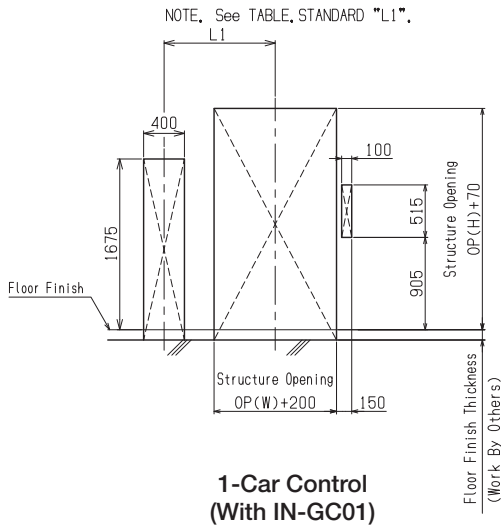


TABLE. Standard "L1"

WIDE CAR

Capacity(kg)	800	1000	1200	1275	1350	1600	2000
Opening Type	200	200	200	200	200	200	200
OP(W) (mm)	800	900	1100	1100	1100	1100	1200
L1 (mm)	890	1015	1160	1260	1260	1320	1470

DEEP CAR

Capacity(kg)	450	630	630	800	1000	1200	1350	1600	2000
Opening Type	2S	200	200	200	200	200	200	200	200
OP(W) (mm)	800	800	900	800	900	900	900	1200	1200
L1 (mm)	810	715	805	775	775	835	835	1085	1190

STANDARD DIMENSIONS

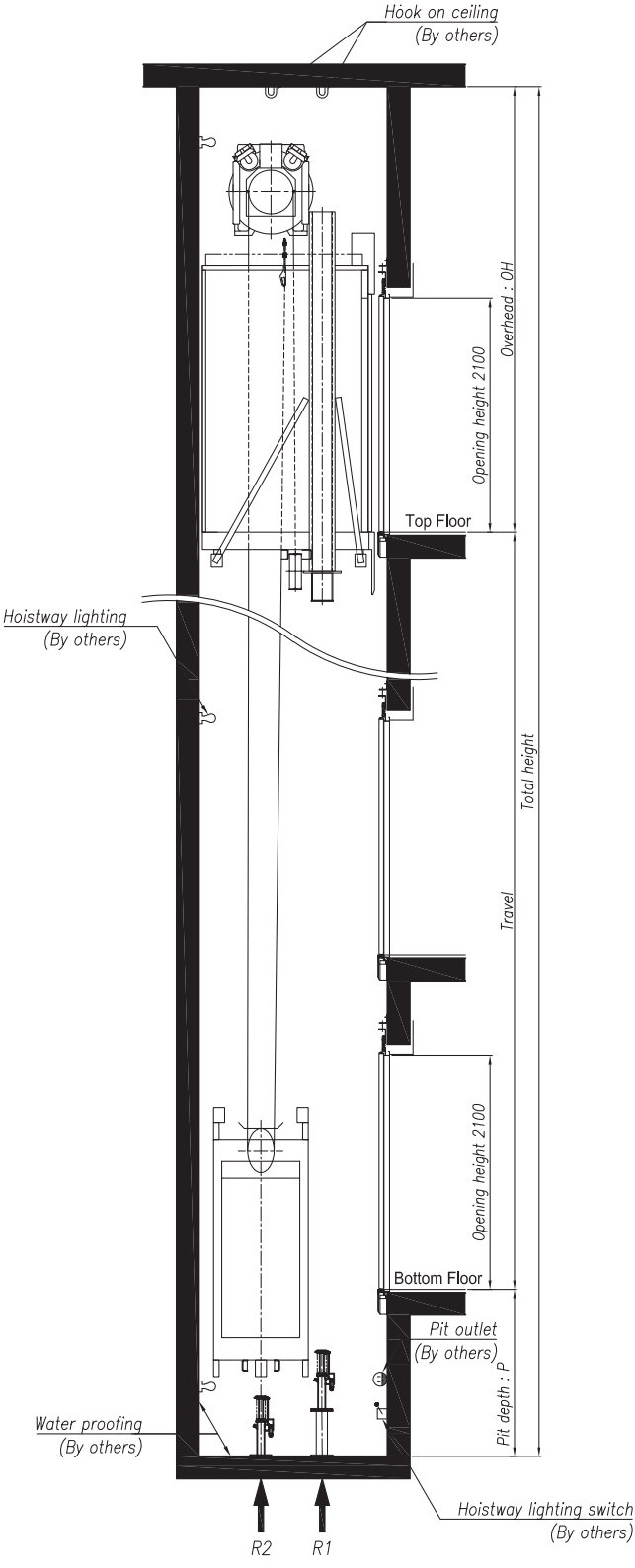
WIDE CAR

Capacity (kg)	Speed (m/s)	Opening Type	Car Inside A x B (mm)	Opening W x H (mm)	Hoistway X x Y (mm)	Pit Depth P (mm)	Overhead OH (mm)	Pit reaction (kN)						
								R1 short-term	R2 short-term	R3		R4		
										short-term	long-term	short-term	long-term	
800	1.0	2CO	1350x1400	800x2100	1980x1690	1255	3695	96	80	35	32	0	41	
	1.5					1330	3815							
	1.75					1385	3900							
	2					1450	3995							
	2.5				2040x1715	1930	4635							
1000	1.0	2CO	1600x1400	900x2100	2230x1690	1255	3695	108	88	38	33	0	42	
	1.5					1330	3815							
	1.75					1405	3900							
	2					1585	3995							
	2.5				2290x1715	2055	4635							
1200	1.0	2CO	1800x1500	1100x2100	2540x1790	1285	4095	131	107	47	38	0	49	
	1.5					1360	4215							
	1.75				2555x1790	1415	4300							
	2					1545	4395							
	2.5					2135	4635							
1275	1.0	2CO	2000x1400	1100x2100	2700x1745	1400	4095	135	110	48	39	0	50	
	1.5					1475	4215							
	1.75				2715x1745	1530	4300							
	2					1630	4395							
	2.5					2220	4635							
1350	1.0	2CO	2000x1500	1100x2100	2700x1790	1400	4095	140	113	49	39	0	50	
	1.5					1475	4215							
	1.75				2715x1790	1530	4300							
	2					1630	4395							
	2.5				2700x2100	2220	4635							
1600	1.0	2CO	2100x1600	1100x2100	2810x1890	1440	4095	153	121	52	43	0	49	
	1.5					1515	4215							
	1.75				2815x1890	1570	4300							
	2					1710	4395							
	2.5				2810x2200	2300	4635							
2000	1.0	2CO	2350x1700	1200x2100	3085x1990	1440	4095	177	138	58	46	0	53	
	1.5						1515							4215
	1.75						1570							4300
	2						1710							4395
	2.5						2300							4635

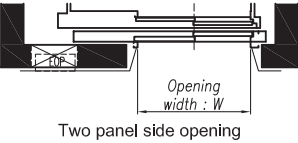
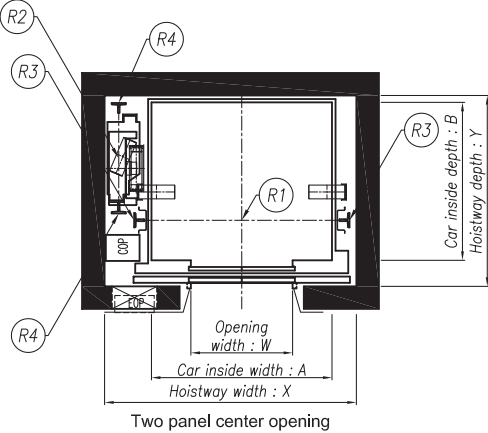
Note:

1. The data shown above may vary based on elevator specification arrangement.
2. When the Ceiling Design style is CT-GS01 and the travel is 40m or less, the overhead height(OH) is above.
3. The overhead height(OH) is not decided in consideration of HWY dimensions error.
4. When the thickness of car floor finish is 2mm and the travel is 40m or less, the Pit Depth(P) is above.
5. Refer to the Work Done by Others for the Acceptable Inclination of Hoistway's Vertical Centerline.

Plan for wide car



Hoistway Sectional Elevation



Hoistway Plan
800kg <= Capacity <= 2000kg

STANDARD DIMENSIONS

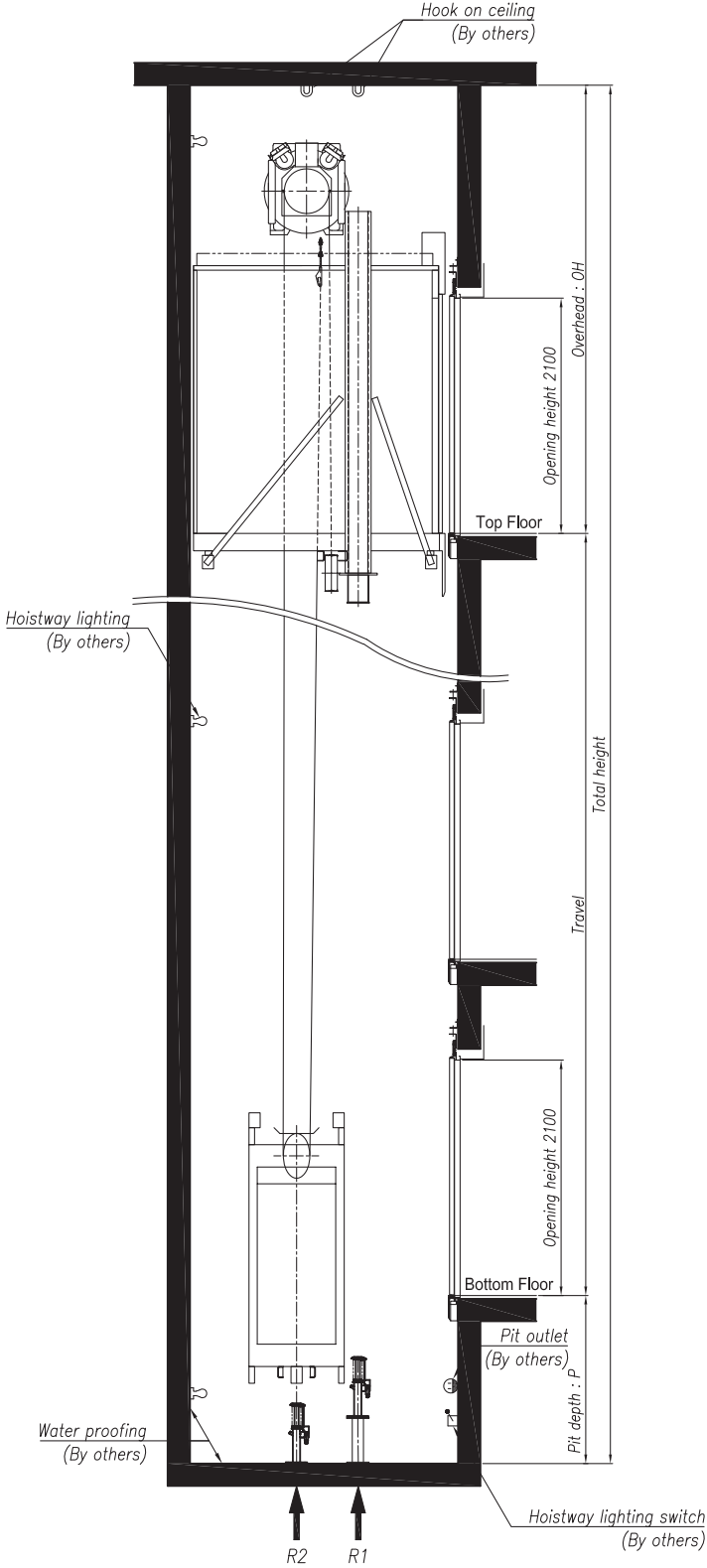
DEEP CAR

Capacity (kg)	Speed (m/s)	Opening Type	Car Inside A x B (mm)	Opening W x H (mm)	Hoistway X x Y (mm)	Pit Depth P (mm)	Overhead OH (mm)	Pit reaction (kN)					
								R1 short-term	R2 short-term	R3		R4	
										short-term	long-term	short-term	long-term
450	1.0	2S	1000x1200	800x2100	1630x1625	1255	3695	78	69	31	26	0	33
	1.5					1330	3815						
	1.75					1385	3900						
	2					1450	3995						
450	1.0	2S	1000x1250	800x2100	1630x1625	1255	3695	78	69	31	26	0	33
	1.5					1330	3815						
	1.75					1385	3900						
	2					1450	3995						
630	1.0	2CO	1100x1400	800x2100	1790x1690	1255	3695	89	76	34	29	0	32
	1.5					1330	3815						
	1.75					1385	3900						
	2					1450	3995						
630	1.0	2CO	1100x1400	900x2100	1975x1690	1255	3695	89	76	34	29	0	32
	1.5					1330	3815						
	1.75					1385	3900						
	2					1450	3995						
800	1.0	2CO	1100x1800	800x2100	1845x2090	1255	3695	96	80	35	32	0	41
	1.5					1330	3815						
	1.75					1385	3900						
	2					1450	3995						
	2.5				1890x2090	1930	4635						
1000	1.0	2CO	1100x2100	900x2100	1980x2390	1255	3695	108	88	38	33	0	43
	1.5					1330	3815						
	1.75					1405	3900						
	2					1585	3995						
	2.5				1985x2390	2055	4635						
1200	1.0	2CO	1300x2100	900x2100	2010x2390	1285	4095	130	106	46	38	0	49
	1.5					1360	4215						
	1.75					1415	4300						
	2					1545	4395						
	2.5					2135	4635						
1350	1.0	2CO	1300x2300	900x2100	2010x2590	1400	4095	138	111	48	39	0	50
	1.5					1475	4215						
	1.75					1530	4300						
	2					1630	4395						
	2.5					2220	4635						
1600	1.0	2S	1400x2400	1200x2100	2160x2760	1440	4095	151	120	52	43	0	49
	1.5					1515	4215						
	1.75					1570	4300						
	2					1710	4395						
	2.5					2300	4635						
2000	1.0	2S	1500x2700	1200x2100	2235x3060	1440	4095	174	135	57	46	0	53
	1.5					1515	4215						
	1.75					1570	4300						
	2					1710	4395						
	2.5					2300	4635						

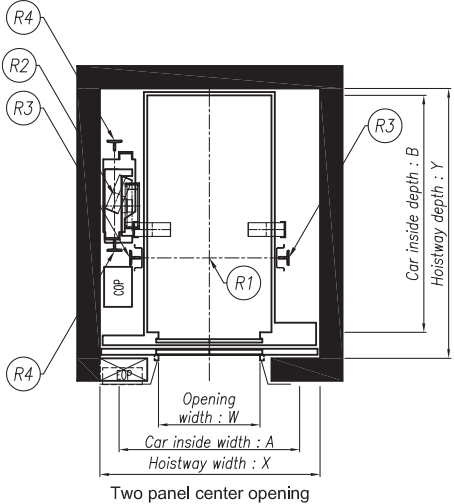
Note:

1. The data shown above may vary based on elevator specification arrangement.
2. When the Ceiling Design style is CT-GS01 and the travel is 40m or less, the overhead height(OH) is above.
3. The overhead height(OH) is not decided in consideration of HWY dimensions error.
4. When the thickness of car floor finish is 2mm and the travel is 40m or less, the Pit Depth(P) is above.
5. Refer to the Work Done by Others for the Acceptable Inclination of Hoistway's Vertical Centerline.

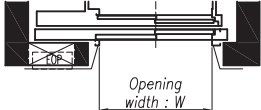
Plan for narrow car



Hoistway Sectional Elevation



Two panel center opening



Two panel side opening

Hoistway Plan

450kg <= Capacity <= 2000kg

POWER SUPPLY DATA

Capacity (kg)	Speed (m/s)	Motor Power (kW)	Rated Current (A)	Acceleration Current (A)	Equivalent Current (A)	Power Capacity (kVA)	Fuse Current (A)	Allowable Maximum Length of Main Power Feeder Line (m)								Heat Generation Rate in Hoistway (kJ/h)	Air Ventilation Rate in Hoistway (m³/h)
								4 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²		
450	1.0	3.0	8	14	5	4	16	135	201	337	543	-	-	-	-	2550	300
	1.5	4.0	10	18	6	5	16	108	161	270	434	-	-	-	-	3800	450
	1.75	5.0	11	21	7	5	16	98	146	245	395	-	-	-	-	4400	520
	2.0	6.0	12	24	8	6	20	-	134	225	362	555	-	-	-	5050	600
630	1.0	4.0	10	19	6	5	16	108	161	270	434	-	-	-	-	3550	420
	1.5	6.0	13	24	8	6	20	83	124	207	334	-	-	-	-	5300	630
	1.75	7.0	15	28	9	7	20	-	107	180	289	444	-	-	-	6200	730
	2.0	8.0	17	33	10	7	20	-	94	158	255	392	-	-	-	7050	830
800	1.0	5.0	12	19	7	5	16	90	134	225	362	-	-	-	-	4500	530
	1.5	7.0	16	26	9	7	20	-	100	168	271	416	-	-	-	6700	790
	1.75	9.0	18	30	10	7	20	-	89	150	241	370	-	-	-	7850	920
	2	10.0	20	36	12	9	20	-	-	135	217	333	454	-	-	8950	1060
	2.5	13.0	24	44	15	11	25	-	-	112	181	277	378	-	-	11200	1320
1000	1.0	7.0	15	24	8	6	20	72	107	180	289	-	-	-	-	5900	690
	1.5	10.0	21	34	11	8	20	-	-	128	207	317	432	-	-	8800	1040
	1.75	11.0	24	40	13	10	25	-	-	112	181	277	378	-	-	10300	1210
	2.0	13.0	27	48	15	11	32	-	-	100	161	246	336	-	-	11750	1380
	2.5	17.0	32	56	19	14	32	-	-	-	135	208	284	372	-	14700	1730
1200	1.0	7.0	17	27	9	7	20	63	94	158	255	-	-	-	-	6700	790
	1.5	11.0	24	39	13	10	25	-	-	112	181	277	378	-	-	10050	1190
	1.75	13.0	27	46	15	11	32	-	-	100	161	246	336	-	-	11750	1380
	2.0	14.0	30	55	17	12	32	-	-	-	144	222	303	396	-	13400	1580
	2.5	19.0	37	66	22	16	40	-	-	-	117	180	245	321	-	16750	1980
1350	1.0	8.0	19	31	10	7	20	-	84	142	228	350	-	-	-	7550	890
	1.5	12.0	27	45	14	10	32	-	-	100	161	246	336	-	-	11350	1340
	1.75	14.0	31	53	17	12	32	-	-	87	140	215	293	-	-	13200	1560
	2.0	16.0	35	63	19	14	40	-	-	-	124	190	259	340	-	15100	1780
	2.5	21.0	41	74	24	17	50	-	-	-	-	162	221	290	393	18850	2220
1600	1.0	10.0	23	39	12	9	25	-	70	117	189	289	-	-	-	8950	1060
	1.5	14.0	33	57	17	12	40	-	-	81	131	202	275	-	-	13400	1580
	1.75	17.0	38	67	20	14	40	-	-	-	114	175	239	313	-	15650	1840
	2.0	19.0	42	81	24	17	50	-	-	-	103	158	216	283	-	17900	2110
	2.5	25.0	50	90	29	21	50	-	-	-	-	133	181	238	322	22350	2630
2000	1.0	12.0	27	42	13	10	32	-	-	100	161	246	336	-	-	11200	1320
	1.5	18.0	38	60	19	14	40	-	-	-	114	175	239	313	-	16750	1980
	1.75	21.0	44	70	23	16	50	-	-	-	98	151	206	270	-	19550	2300
	2.0	24.0	49	85	27	19	50	-	-	-	-	136	185	242	329	22350	2630
	2.5	31.0	60	103	34	24	63	-	-	-	-	111	151	198	268	27950	3290

Note:
 1. The data shown above may vary based on elevator specification arrangement.
 2. Earthing wires shall be arranged and installed based on local elevator code requirement.
 3. The data shown above is when power supply is 400Vac, 50Hz.

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