

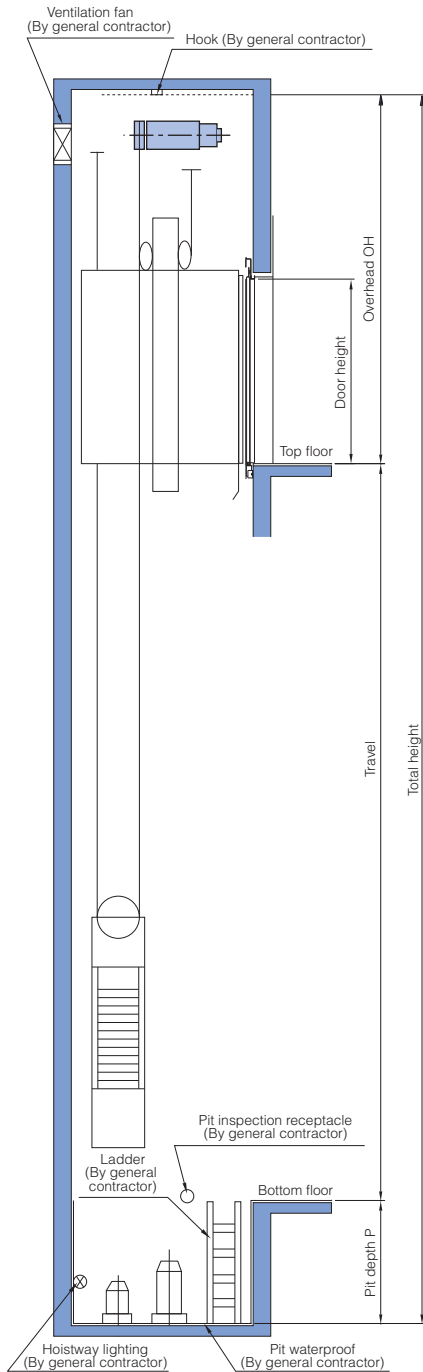
# TOSHIBA

Leading Innovation >>>

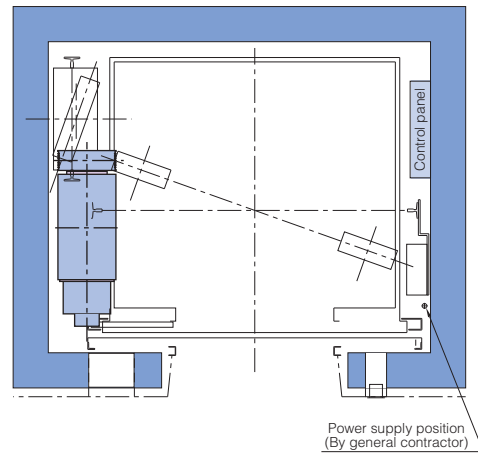


## SPACE-UNI

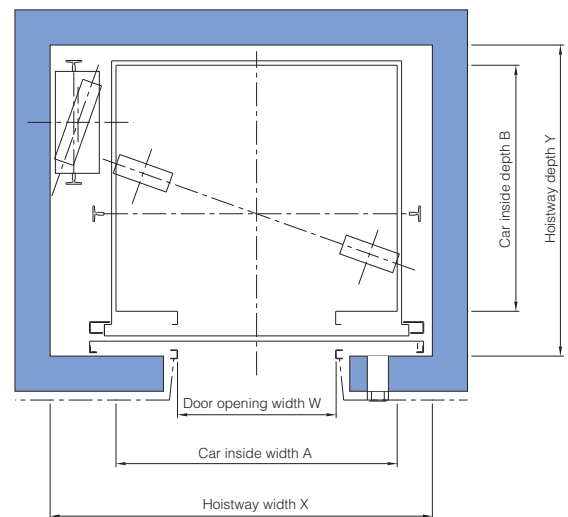
TOSHIBA MACHINE-ROOM-LESS ELEVATORS  
Installation plan and power facility plan for *Hong Kong*



Hoistway section



Topmost floor hoistway plan



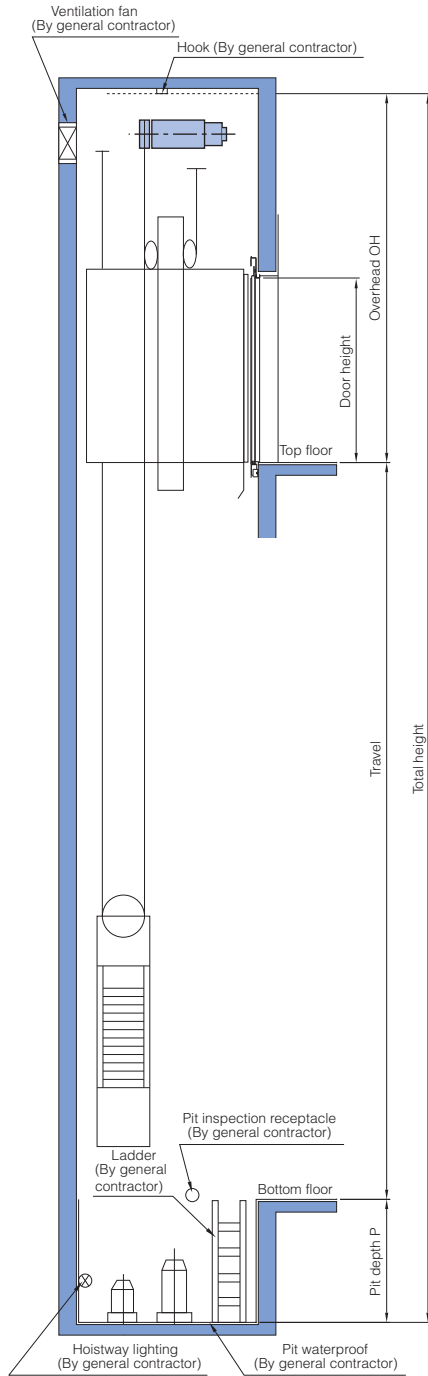
Typical floor hoistway plan

## Specifications

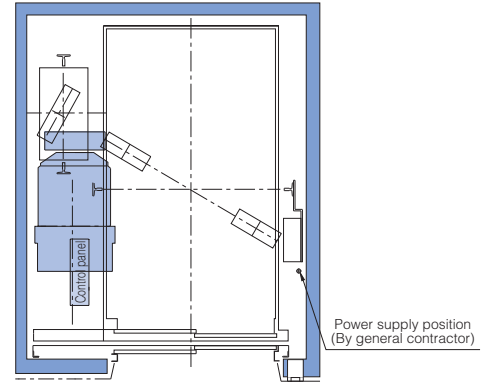
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Motor capacity (kw)	Max. service stops (s)	Max. travel (m)										
				Internal (A x B)		X x Y	OH	P													
P8-CO60	D	8	630	1	1100×1400	800	1850×1780	3900	1300	3.6	24	60									
	D					900	2050×1780														
P8-CO96	D					800	1.6	1350×1400	800				1850×1780	4050	1400	5.8	32	80			
	D								900				2050×1780								
P8-CO105	D					800	1.75	1350×1400	800				1850×1780	4150	1450				6.3	32	80
	D								900				2050×1780								
P10-CO60	W	10	800	1	1350×1400	800	1975×1780	3900	1300	4.6	24	60									
	W					900	2075×1780														
P10-CO96	W					800	1.6	1350×1400	800				1975×1780	4050	1400	7.3	32	80			
	W								900				2075×1780								
P10-CO105	W					800	1.75	1350×1400	800				1975×1780	4150	1450				8.0	32	80
	W								900				2075×1780								
P10-CO60	D	10	800	1	1100×1700	800	1855×2080	3900	1300	4.6	24	60									
	D					900	2050×2080														
P10-CO96	D					800	1.6	1100×1700	800				1855×2080	4050	1400	7.3	32	80			
	D								900				2050×2080								
P10-CO105	D					800	1.75	1100×1700	800				1855×2080	4150	1450				8.0	32	80
	D								900				2050×2080								
P13-CO60	W	13	1000	1	1600×1400	900	2200×1780	3900	1300	5.7	24	60									
	W					1000	2300×1780														
	W					1100	2450×1780														
P13-CO96	W					1000	1.6	1600×1400	900				2200×1780	4050	1400	9.2	32	80			
	W								1000				2300×1780								
	W								1100				2450×1780								
P13-CO105	W	1000	1.75	1600×1400	900	2200×1780	4150	1450	10.0	32	80										
	W				1000	2300×1780															
	W				1100	2450×1780															
P13-CO60	D	13	1000	1	1100×2100	800	1855×2480	3900				1300	5.7	24	60						
	D					900	2050×2480														
P13-CO96	D					1000	1.6	1100×2100				800				1855×2480	4050	1400	9.2	32	80
	D								900	2050×2480											
P13-CO105	D					1000	1.75	1100×2100	800	1855×2480	4150	1450				10.0	32	80			
	D								900	2050×2480											

### Note:

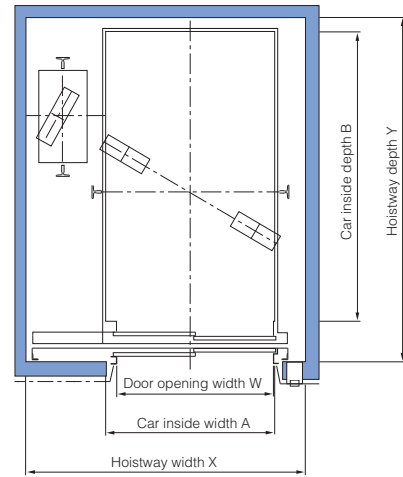
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- OH value in the chart is not related the elevator for standard cars, As for the non-standard cars, additional consultation should be carried out.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- If the location of Power source panel, Control panel and Electric power supply are changed, please contact us.
- When travel is 40m or more, and 150mm to above mentioned dimension at the OH dimension and TC dimension.
- Example: P13W W: Wide car D: Deep car



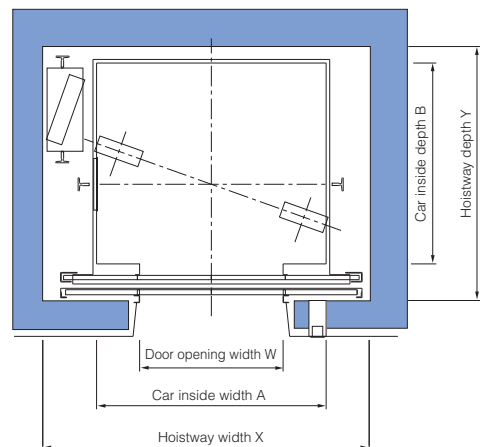
Hoistway section



Top floor hoistway plan



Two panel slide opening door hoistway plan (Type P17D, P21D)



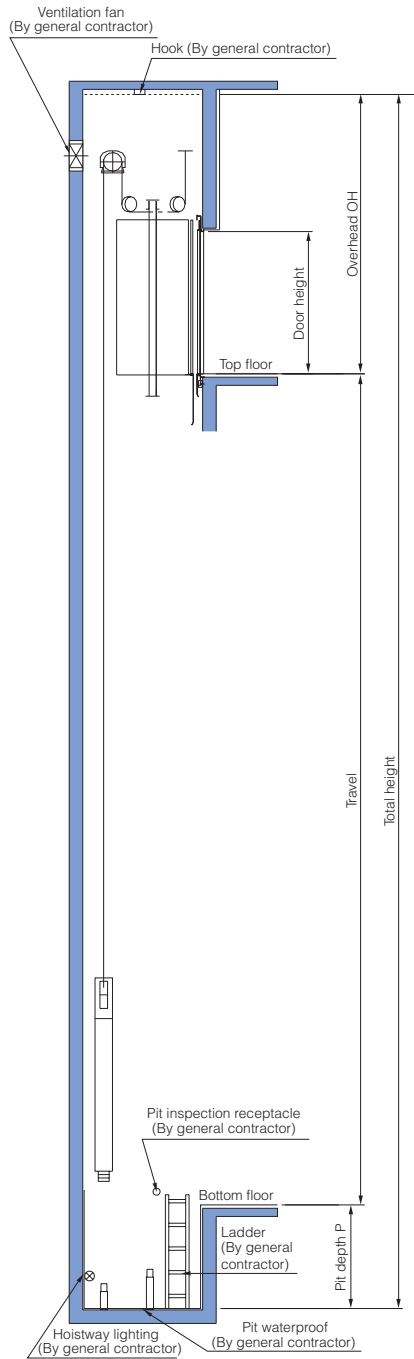
Center opening door hoistway plan (Type P15W)

## ■ Specifications

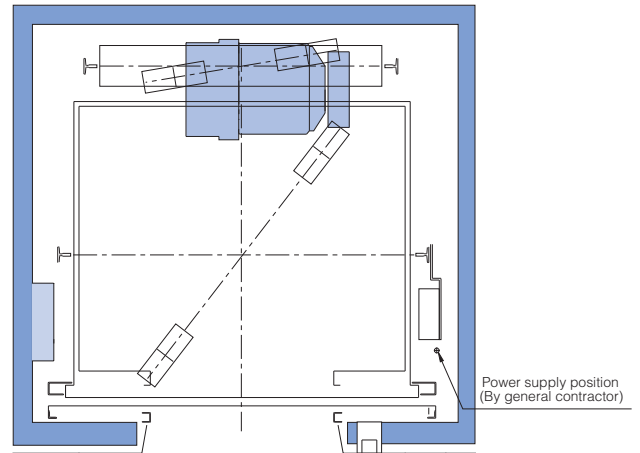
Type		Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Motor capacity (kw)	Max. service stops (s)	Max. travel (m)		
					Internal (A x B)		X x Y	OH	P					
P15-CO60	W	15	1150	1	1800×1400	1000	2450×2090	4000	1400	7.3	32	80		
	W					1100	2550×2090							
P15-CO96	W			1.6		1000	2450×2090	4150	1550				11.6	
	W					1100	2550×2090							
P15-CO105	W			1.75		1000	2450×2090	4250	1650					12.6
	W					1100	2550×2090							
P17-2S60	D	17	1275	1	1200×2300	1100	2100×2850	4300	1400	8.7	32	80		
P17-2S96	D							1.6	4500	1550				
P17-2S105	D							1.75	4500	1650			16.0	
P21-2S60	D	21	1600	1	1400×2400	1200	2400×2950	4300	1400	10.0	32	80		
P21-2S96	D							1.6	4500	1550			16.0	
P21-2S105	D							1.75	4500	1650			18.0	

### Note:

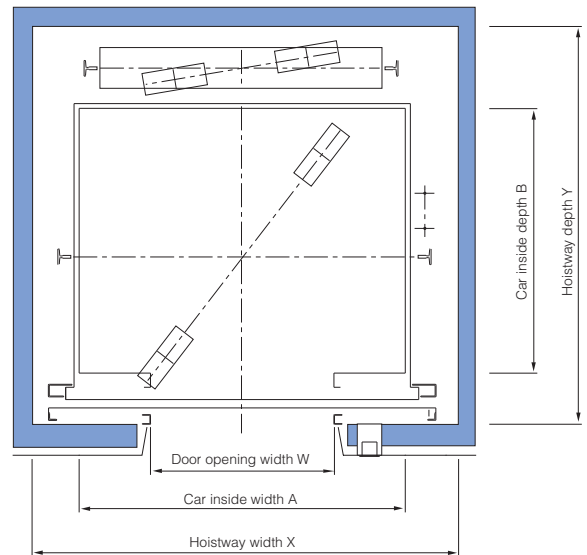
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- OH value in the chart is not related the elevator for standard cars, As for the non-standard cars, additional consultation should be carried out.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- If the location of Power source panel, Control panel and Electric power supply are changed, please contact us.
- When travel is 40m or more, and 150mm to above mentioned dimension at the OH dimension and TC dimension.
- Example: P15W W: Wide car D: Deep car



Hoistway section



Top floor hoistway plan



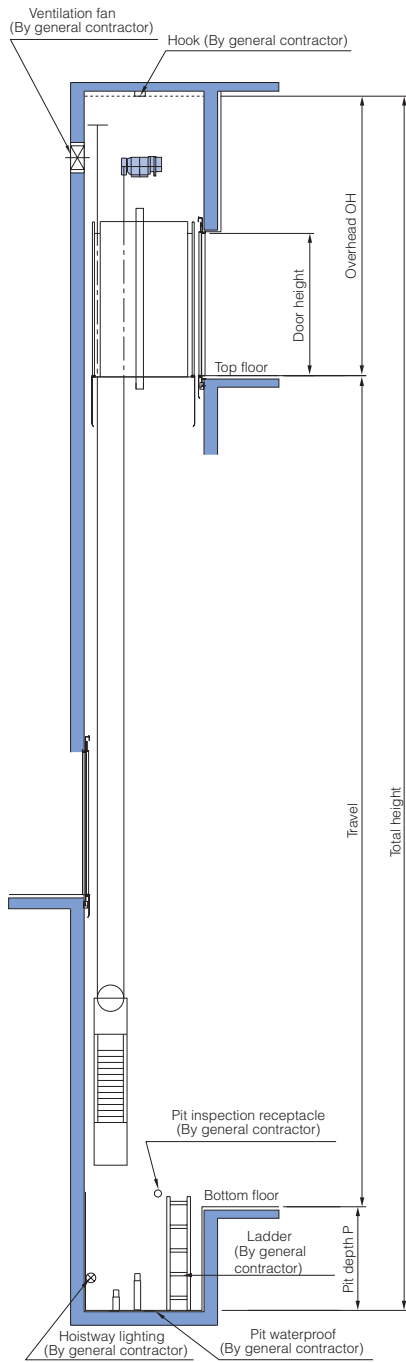
Typical floor hoistway plan

## Specifications

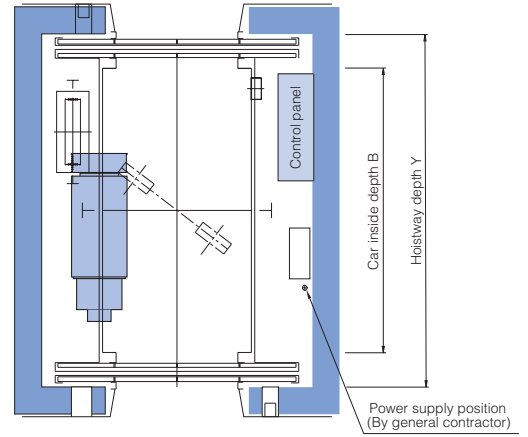
Type		Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Motor capacity (kw)	Max. service stops (s)	Max. travel (m)		
					Internal (A x B)		X x Y	OH	P					
P17-CO60	W	17	1275	1	2000×1400	1100	2700×2300	4150	1400	8.7	32	80		
P17-CO96	W			1.6				4300	1550	14.0				
P17-CO105	W			1.75				4350	1650	16.0				
P18-CO60	W	18	1350	1	2000×1500	1100	2700×2400	4150	1400	8.7	32	80		
P18-CO96	W			1.6				4350	1550	14.0				
P18-CO105	W			1.75				4350	1650	16.0				
P21-CO60	W	21	1600	1	2000×1700	1100	2700×2600	4100	1400	10.0	32	80		
	W							1200					2740×2600	4300
P21-CO96	W			1.6				1100	2700×2600	4300			1550	16.0
	W													
P21-CO105	W			1.75				1100	2700×2600	4350			1650	18.0
	W													
P24-CO60	W	24	1800	1	2100×1750	1200	2840×2650	4300	1400	12.0	32	80		
P24-CO96	W			1.6				4450	1550	18.0				
P24-CO105	W			1.75				4550	1650	20.0				

### Note:

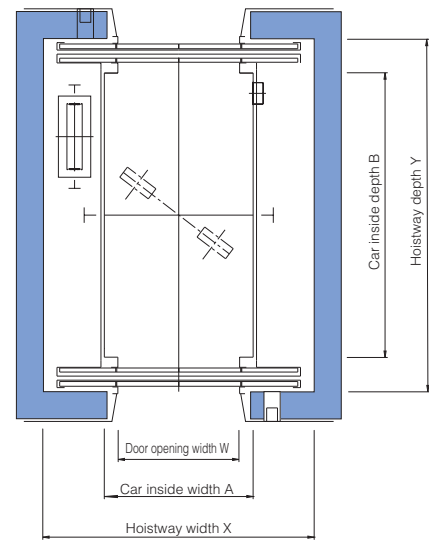
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- OH value in the chart is not related the elevator for standard cars, As for the non-standard cars, additional consultation should be carried out.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- If the location of Power source panel, Control panel and Electric power supply are changed, please contact us.
- It is necessary for this type of elevator to install RC structure or steel beam structure for supporting the machine beam in the top of the hoistway by building work. For the details, please contact us.
- When travel is 40m or more, and 150mm to above mentioned dimension at the OH dimension and TC dimension.
- Example: P17W W: Wide car



Hoistway section



Top floor hoistway plan



Typical floor hoistway plan

Front and rear opening  
hoistway plan  
(Type: P13D2)



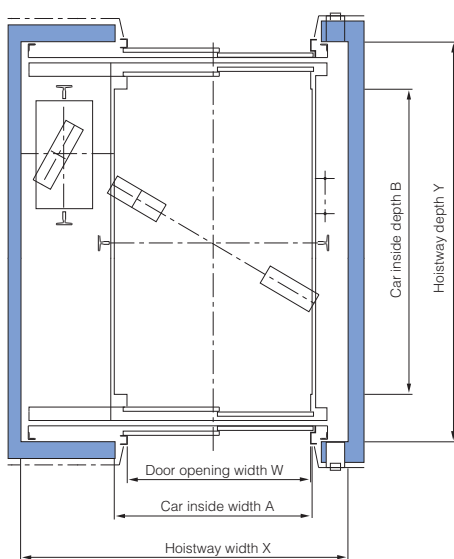
## Specifications

Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Motor capacity (kw)	Max. service stops (s)	Max. travel (m)
				Internal (A x B)		X x Y	OH	P			
P13-CO60	D2	13	1000	1100×2100	800	1855×2630	3900	1300	5.7	※1	
P13-CO96	D2							1400			
P13-CO105	D2							1450			
P21-2S60	D2	21	1600	1400×2300	1200	2400×2970	4300	1400	10.0	※1	
P21-2S96	D2							1550			
P21-2S105	D2							1650			

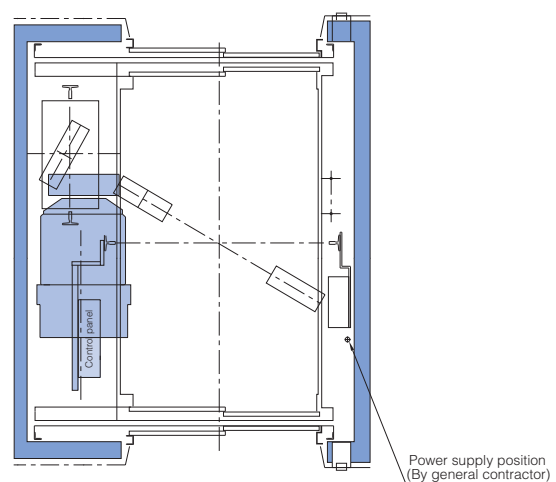
※ 1: Please contact us.

### Note:

- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- OH value in the chart is not related the elevator for standard cars, As for the non-standard cars, additional consultation should be carried out.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- If the location of Power source panel, Control panel and Electric power supply are changed, please contact us.
- When travel is 40m or more, and 150mm to above mentioned dimension at the OH dimension and TC dimension.
- Example: P13D2 D2: Front and rear opening door deep car



Typical floor hoistway plan



Top floor hoistway plan

Front and rear opening  
hoistway plan  
(Type: P21D2)

# Global network

Together with our global partners, we will connect with Asia and then the world, through our technology and our spirit. The planet is our shared heritage. We must live together, grow together and delight in one another.

## **TOSHIBA ELEVATOR (SHENYANG) CO.,LTD.**

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## **TOSHIBA ELEVATOR (CHINA) CO.,LTD.**

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Factory: 2530, Lorong Perusahaan 10, Prai Industrial Estate, 13600 Prai, Province, Wellesley, Malaysia.



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KL Office: Wisma MS, No.15, Jalan 2/116 D, Kuchai Entrepreneurs' Park, Off Jalan Kuchai Lama, 58200 Kuala Lumpur, Malaysia.

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## **CHEVALIER SINGAPORE HOLDINGS PTE LTD.**

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671-1242 Japan



## Uenohara Operations

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409-0112 Japan

## Fuchu Factory

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183-8511 Japan



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<http://www.toshiba-elevator.co.jp>



## Safety Cautions

- Observance of relevant laws / regulations are required.
- Read the entire "Instruction Manual" carefully before use, for important information about safety, handling and operation.

# TOSHIBA

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- The data given in this catalog are subject to change without notice.