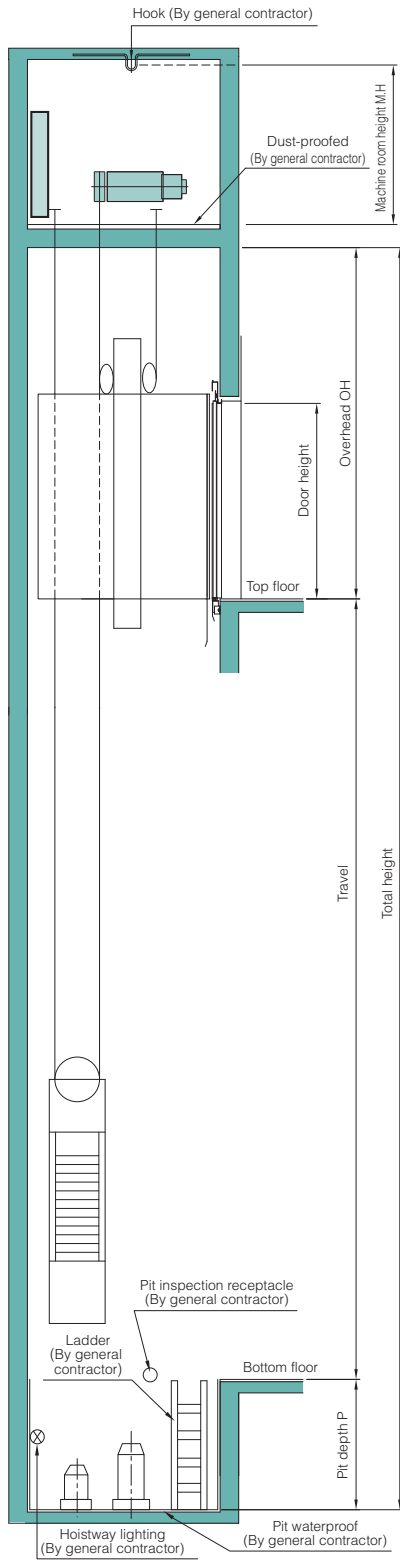


# TOSHIBA

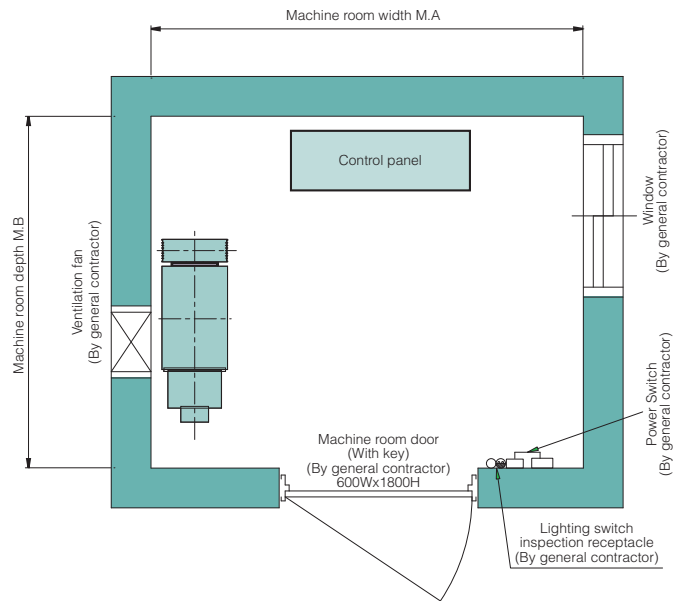
Leading Innovation >>>

## ELCOSMO

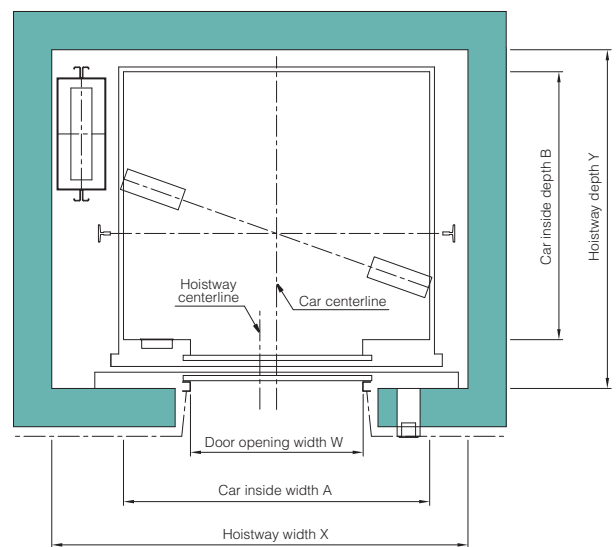
TOSHIBA COMPACT MACHINE ROOM ELEVATORS  
Installation plan and power facility plan for *Hong Kong*



Hoistway section



Machine room plan



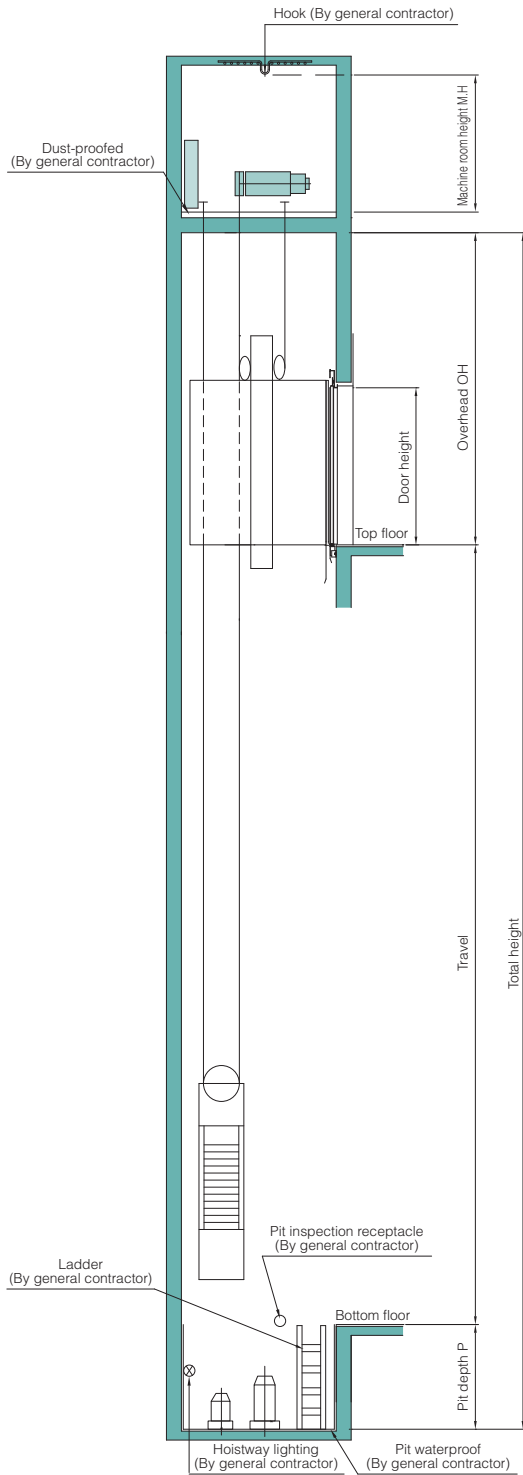
Hoistway plan

## Specifications

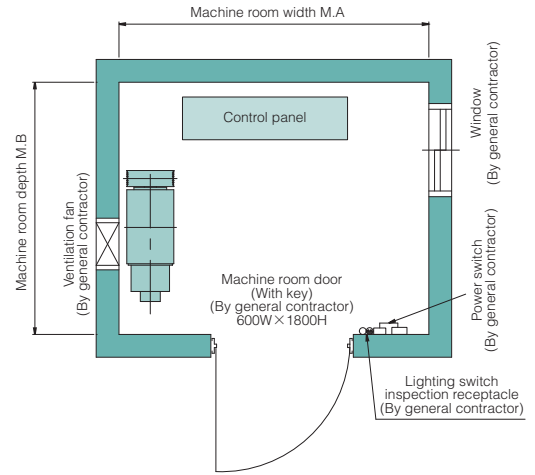
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)										
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H													
P8-CO60	W	8	630	1100x1400	800	1820x1770	4050	1300	1820x1770	2000	3.6	24	60										
	W					2000x1770																	
P8-CO96	W					1.6	800	1820x1770	4300					1400	1820x1770								
	W						900	2000x1770							2000x1770								
P8-CO105	W					1.75	800	1820x1770	4300					1450	1820x1770								
	W						900	2000x1770							2000x1770								
P8-CO120	W					2	800	1820x1770	4350					1650	1820x1770								
	W						900	2000x1770							2000x1770								
P8-CO150	W					2.5	800	1820x1770	4350					2100	1820x1770								
	W						900	2000x1770							2000x1770								
P10-CO60	W					10	800	1350x1400	800					1945x1770	4050	1300	1945x1770	2000	4.6	24	60		
	W													2050x1770									
P10-CO96	W													1.6	800	1945x1770	4300					1400	1945x1770
	W														900	2050x1770							2050x1770
P10-CO105	W	1.75	800	1945x1770	4300					1450	1945x1770												
	W		900	2050x1770							2050x1770												
P10-CO120	W	2	800	1945x1770	4350					1650	1945x1770												
	W		900	2050x1770							2050x1770												
P10-CO150	W	2.5	800	1945x1770	4350					2100	1945x1770												
	W		900	2050x1770							2050x1770												
P10-CO60	D	10	800	1100x1700	800					1820x2070	4050	1300	1820x2070	2000	4.6	24	60						
	D									900			2000x2070										
P10-CO96	D									1.6	800	1820x2070	4300									1400	1820x2070
	D										900	2000x2070											2000x2070
P10-CO105	D					1.75	800	1820x2070	4300	1450	1820x2070												
	D						900	2000x2070			2000x2070												
P10-CO120	D					2	800	1820x2070	4350	1650	1820x2070												
	D						900	2000x2070			2000x2070												
P10-CO150	D					2.5	800	1820x2070	4350	2100	1820x2070												
	D						900	2000x2070			2000x2070												
P13-CO60	W					13	1000	1600x1400	900	2175x1770	4050	1300	2175x1770					2000	5.7	24	60		
	W									1000			2275x1770										
P13-CO96	W									1.6	900	2175x1770	4300									1400	2175x1770
	W										1000	2275x1770											2275x1770
P13-CO105	W	1.75	900	2175x1770	4300					1450	2175x1770												
	W		1000	2275x1770							2275x1770												
P13-CO120	W	2	900	2175x1770	4350					1650	2175x1770												
	W		1000	2275x1770							2275x1770												
P13-CO150	W	2.5	900	2175x1770	4350					2100	2175x1770												
	W		1000	2275x1770							2275x1770												
P13-CO60	D	13	1000	1100x2100	800					1820x2470	4050	1300	1820x2470	2000	5.7	24	60						
	D									900			2000x2470										
P13-CO96	D									1.6	800	1820x2470	4300									1400	1820x2470
	D										900	2000x2470											2000x2470
P13-CO105	D					1.75	800	1820x2470	4300	1450	1820x2470												
	D						900	2000x2470			2000x2470												
P13-CO120	D					2	800	1820x2470	4350	1650	1820x2470												
	D						900	2000x2470			2000x2470												
P13-CO150	D					2.5	800	1820x2470	4350	2100	1820x2470												
	D						900	2000x2470			2000x2470												

### Note:

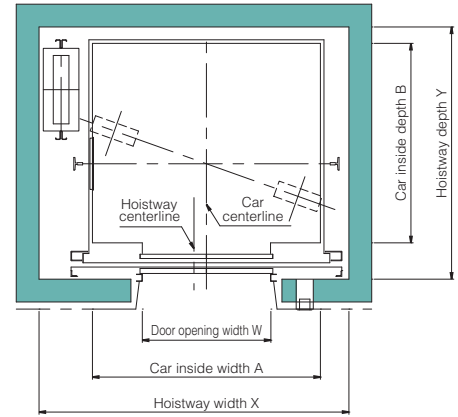
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P13W W: Wide car D: Deep car



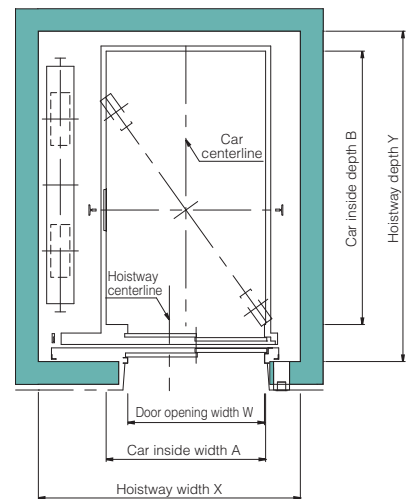
Hoistway section



Machine room plan



Center opening door hoistway plan (Type: P15W)



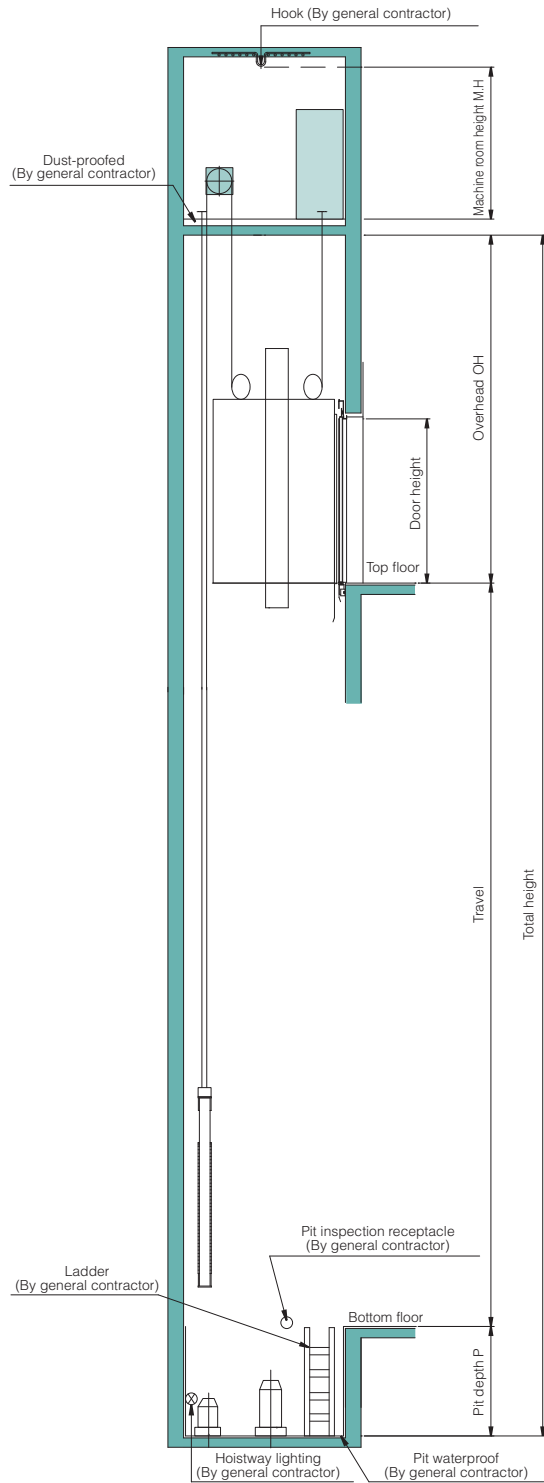
Two panel slide door Hoistway plan (Type: P17D, P21D)

## Specifications

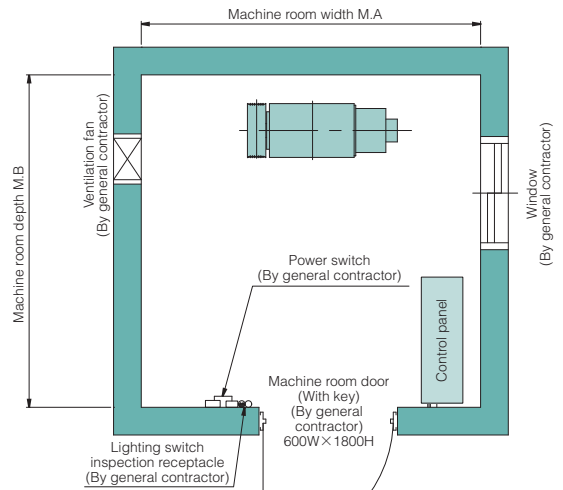
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)									
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H												
P15-CO60	W	15	1150	1	1800x1400	1000	2500x1980	4050	1300	2500x1980	2000	7.3	24	60								
	W					1100	2600x1980			2600x1980												
P15-CO96	W					1.6	1000	2500x1980	4300	1400					2500x1980	11.6	32	100				
	W						1100	2600x1980							2600x1980							
P15-CO105	W					1.75	1000	2500x1980	4300	1450					2500x1980	12.6	32	100				
	W						1100	2600x1980							2600x1980							
P15-CO120	W					2	1000	2500x1980	4350	1650					2500x1980	14.4	40	125				
	W						1100	2600x1980							2600x1980							
P15-CO150	W					2.5	1000	2500x1980	4700	2100					2500x1980	18.0	40	125				
	W						1100	2600x1980							2600x1980							
P17-2S60	D					17	1275	1.6	1200x2300	1100					2100x2850	4050	1300	2100x2850	2200	16.0	32	100
P17-2S96	D															4300	1400					
P17-2S105	D	1.75	4300	1450	18.0																	
P17-2S120	D	2	4350	1650	20.0																	
P17-2S150	D	2.5	4700	2100	24.0																	
P21-2S60	D	21	1600	1	1400x2400	1200	2300x2950	4050	1300	2300x2950	2200	18.0	32	100								
P21-2S96	D							4300	1400						16.0							
P21-2S105	D							1.75	4300						1450	20.0						
P21-2S120	D							2	4350						1650	24.0						
P21-2S150	D							2.5	4700						2100							

### Note:

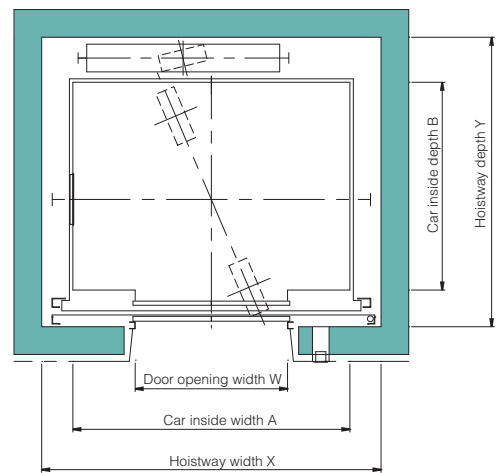
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P17W W: Wide car D: Deep car



Hoistway section



Machine room plan



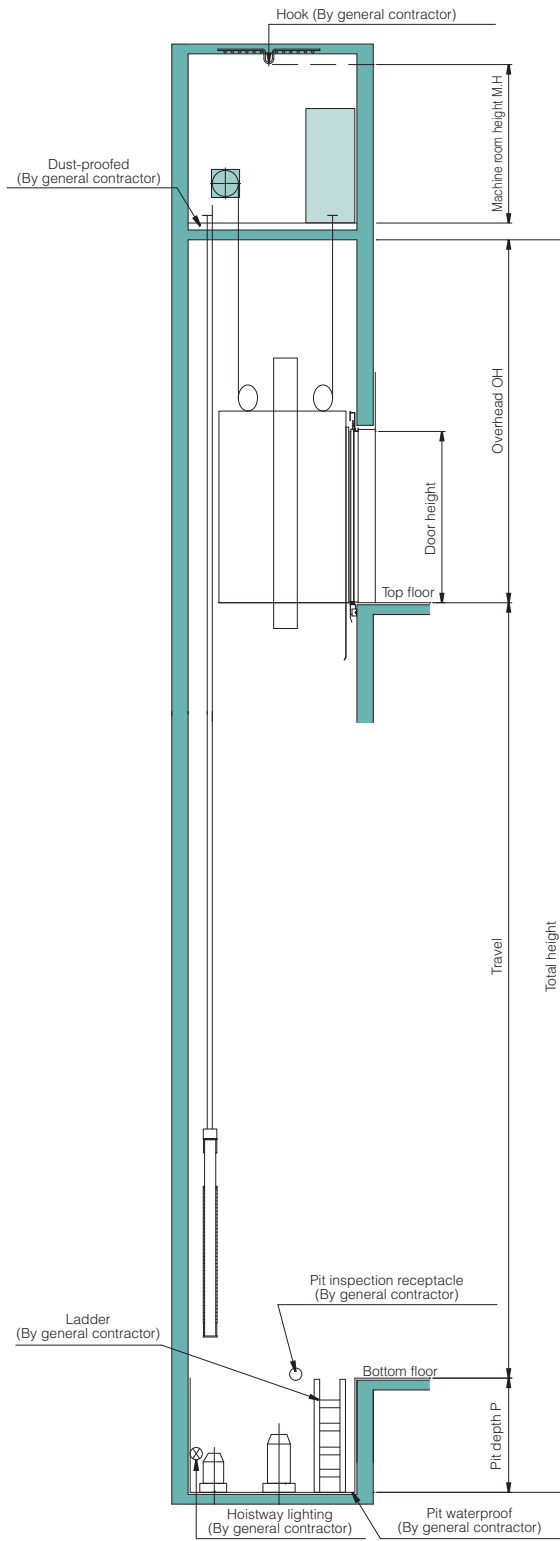
Hoistway plan

## Specifications

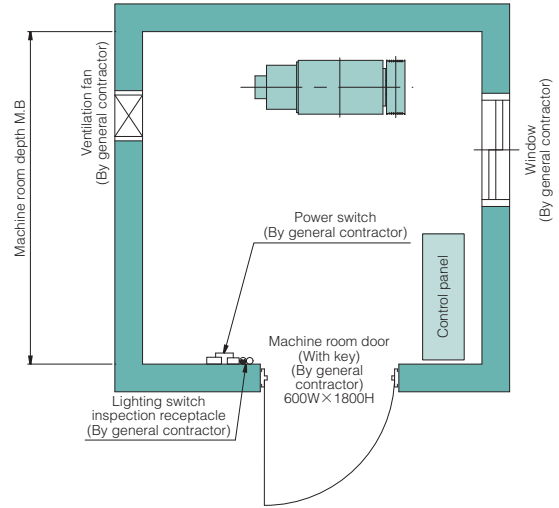
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)																		
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H																					
P8-CO60	W	8	630	1400x1100	800	1850x1680	4050	1300	1850x1680	2000	3.6	24	60																		
	W													1950x1680																	
P8-CO96	W						1.6	800						1850x1680	4300	1400	1850x1680	1950x1680	5.8	32	100										
	W																					1950x1680									
P8-CO105	W						1.75	800						1850x1680	4300	1450	1850x1680	1950x1680	6.3	32	100										
	W																					1950x1680									
P8-CO120	W						2	800						1950x1780	4350	1650	1950x1780	2050x1780	7.2	40	125										
	W																					2050x1780									
P8-CO150	W						2.5	800						1950x1780	4350	2100	1950x1780	2050x1780	9.0	40	125										
	W																					2050x1780									
P10-CO60	W						10	800						1400x1350	800	1850x2000	4050	1300	1850x2000	2000	4.6	24	60								
	W																							1950x2000							
P10-CO96	W																1.6	800						1850x2000	4300	1400	1850x2000	1950x2000	7.3	32	100
	W																														
P10-CO105	W	1.75	800	1850x2000	4300	1450			1850x2000	1950x2000	8.0	32	100																		
	W																1950x2000														
P10-CO120	W	2	800	1950x2100	4350	1650			1950x2100	2050x2100	9.2	40	125																		
	W																2050x2100														
P10-CO150	W	2.5	800	1950x2100	4350	2100			1950x2100	2050x2100	11.4	40	125																		
	W																2050x2100														
P13-CO60	W	13	1000	1600x1400	900	2100x2050			4050	1300	2100x2050	2000	5.7				24	60													
	W																							2200x2050							
P13-CO96	W								1.6	900														2100x2050	4300	1400	2100x2050	2200x2050	9.2	32	100
	W																														
P13-CO105	W								1.75	900														2100x2050	4300	1450	2100x2050	2200x2050	10.0	32	100
	W																														
P13-CO120	W								2	900														2200x2150	4350	1650	2200x2150	2300x2150	11.4	40	125
	W																														
P13-CO150	W						2.5	900	2200x2150	4350				2100	2200x2150	2300x2150			14.3	40	125										
	W																					2300x2150									

### Note:

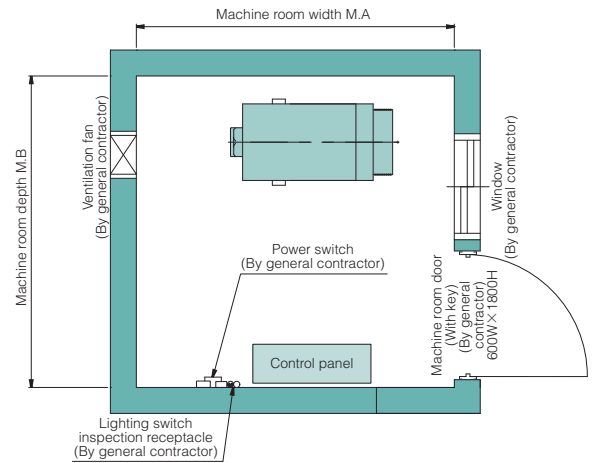
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P13W W: Wide car



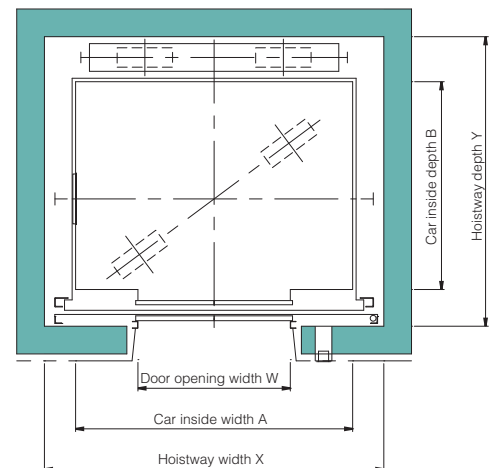
Hoistway section



Machine room plan(P15W)



Machine room plan(P17W~P24W)



Hoistway plan

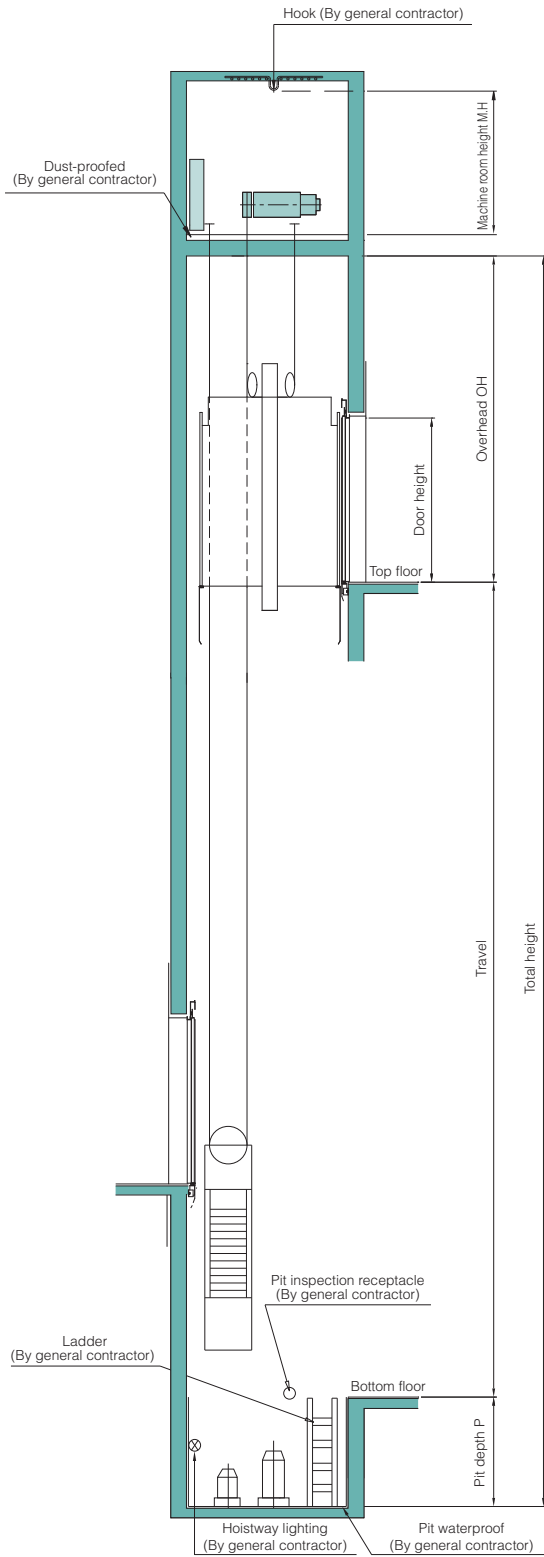


## Specifications

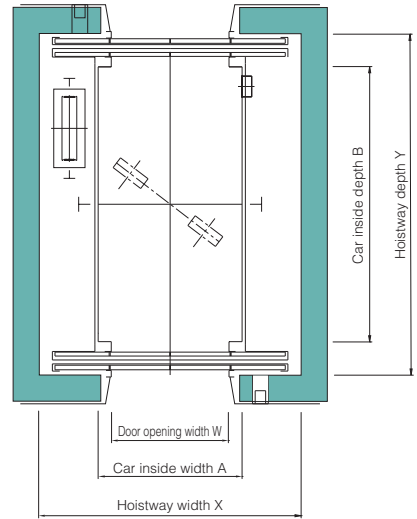
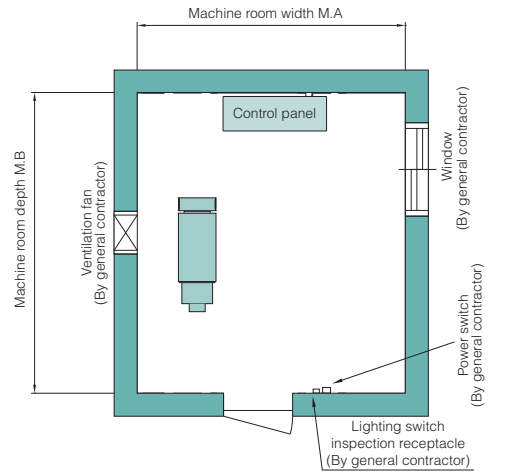
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)															
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H																		
P15-CO60	W	15	1150	1800x1400	1000	2300x2190	4050	1300	2300x2190	2200	7.3	24	60															
	W													2450x2190														
P15-CO96	W													1.6	1000	2300x2190	4300	1400	2300x2190									
	W																			2450x2190								
P15-CO105	W													1.75	1000	2300x2190	4300	1450	2300x2190									
	W																			2450x2190								
P15-CO120	W													2	1000	2300x2190	4350	1650	2300x2190									
	W																			2450x2190								
P15-CO150	W													2.5	1000	2300x2190	4700	2100	2300x2190									
	W																			2450x2190								
P17-CO60	W													17	1275	2000x1400	1100	2550x2100	4050	1300	2550x2100	2200	8.7	24	60			
P17-CO96	W																									1.6	4300	1400
P17-CO105	W	1.75	4300	1450																								
P17-CO120	W	2	4350	1650																								
P17-CO150	W	2.5	4700	2100																								
P18-CO60	W	18	1350	2000x1500	1100	2550x2200	4050	1300	2550x2200	2200	8.7	24	60															
P18-CO96	W													1.6	4300	1400												
P18-CO105	W													1.75	4300	1450												
P18-CO120	W													2	4350	1650												
P18-CO150	W													2.5	4700	2100												
P21-CO60	W													21	1600	2000x1700	1100	2550x2400	4050	1300	2550x2400	2200	10.0	24	60			
P21-CO96	W	1.6	1100	2550x2400	4300	1400	2550x2400																					
	W							2700x2400																				
P21-CO105	W	1.75	1100	2550x2400	4300	1450	2550x2400																					
	W							2700x2400																				
P21-CO120	W	2	1100	2550x2400	4350	1650	2550x2400																					
	W							2700x2400																				
P21-CO150	W	2.5	1100	2550x2400	4700	2100	2550x2400																					
	W							2700x2400																				
P24-CO60	W	24	1800	2100x1750	1200	2700x2450	4050	1400	2700x2450	2200	12.0	24	60															
P24-CO96	W																									1.6	4300	1550
P24-CO105	W																									1.75	4300	1650
P24-CO120	W													2	4350	1900												

### Note:

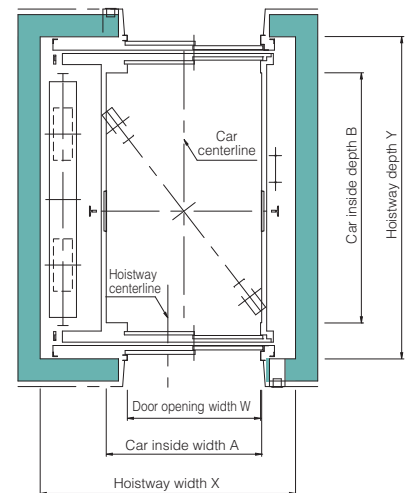
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P17W W: Wide car



Front and rear opening hoistway section



Front and rear opening hoistway plan (Type: P13D2)



Front and rear opening hoistway plan (Type: P21D2)

## ■ Specifications

Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)			
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H						
P13-CO60	D2	13	1000	1100×2100	800	1820×2610	4050	1300	1820×2610	2000	5.7	※1				
P13-CO96	D2												1.6	4300	1400	9.2
P13-CO105	D2												1.75	4300	1450	10.0
P13-CO120	D2												2	4350	1650	11.4
P13-CO150	D2												2.5	4350	2100	14.3
P21-2S60	D2	21	1600	1400×2300	1200	2300×2970	4050	1300	2300×2970	2200	10.0	※1				
P21-2S96	D2												1.6	4300	1400	16.0
P21-2S105	D2												1.75	4300	1450	18.0
P21-2S120	D2												2	4350	1650	20.0
P21-2S150	D2												2.5	4700	2100	24.0

※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.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- The front and rear opening floor are less than 8 floor
- Example: P13D2 D2: Front and rear opening door deep car



## 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

**TOSHIBA ELEVATOR AND BUILDING SYSTEMS CORPORATION**

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