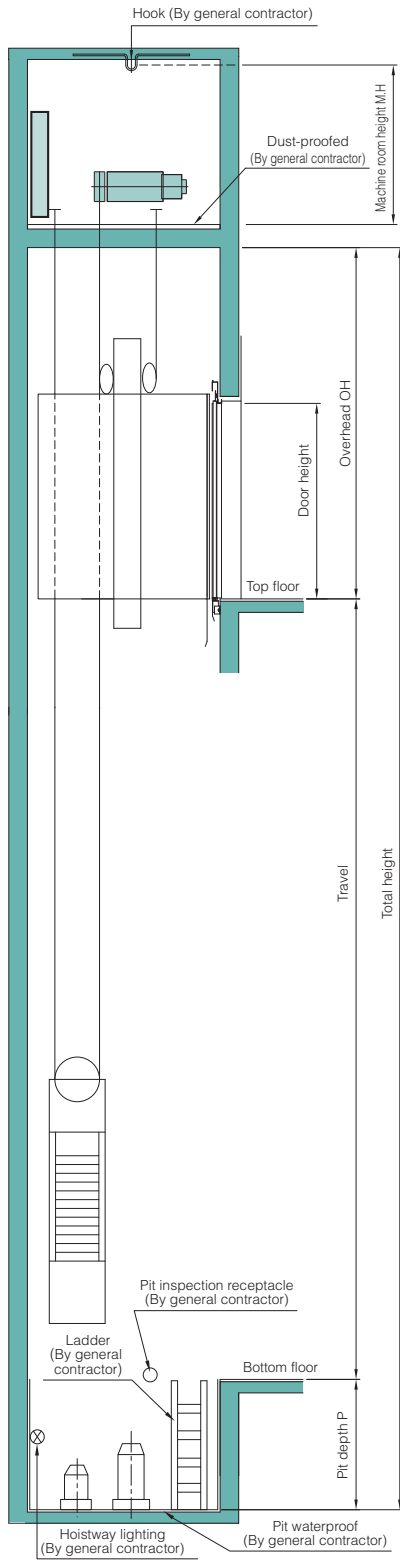


TOSHIBA

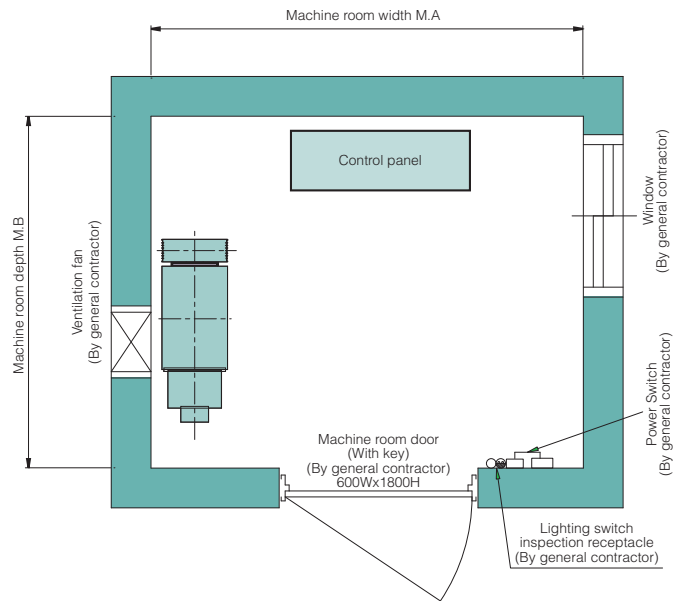
Leading Innovation >>>

ELCOSMO

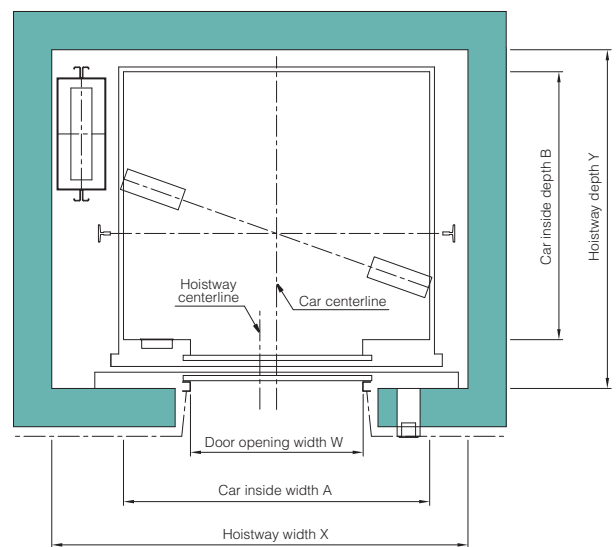
TOSHIBA COMPACT MACHINE ROOM ELEVATORS
Installation plan and power facility plan for *Malaysia*



Hoistway section



Machine room plan



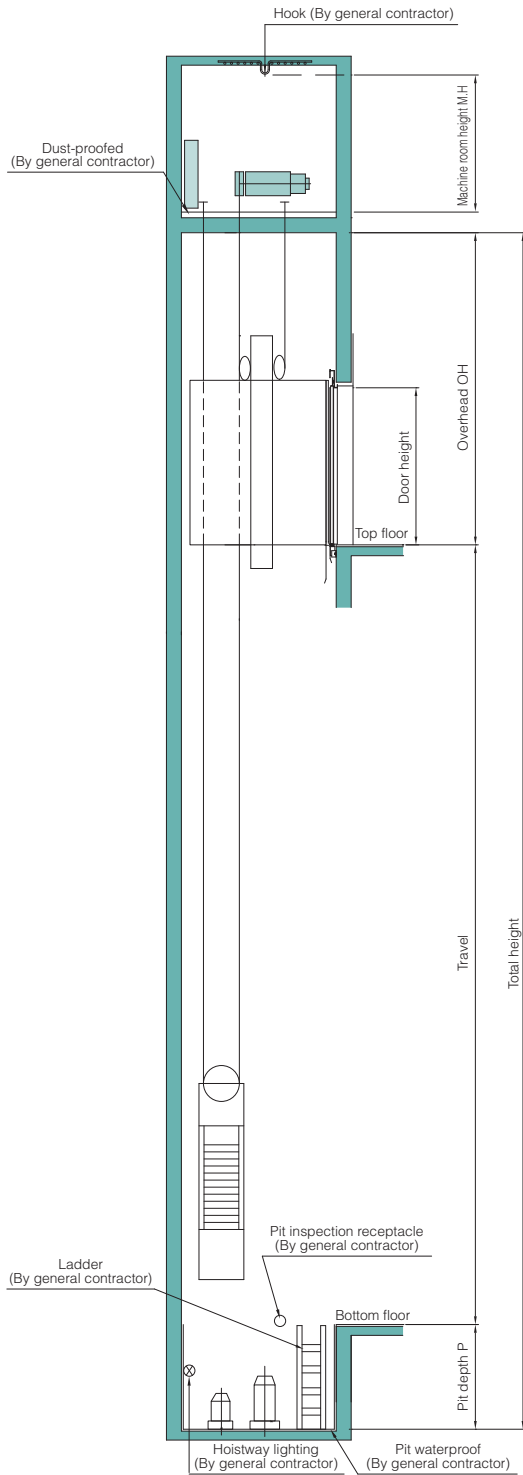
Hoistway plan

Specifications

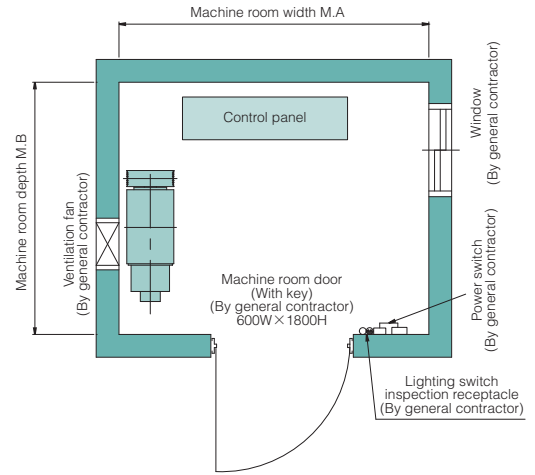
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)									
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H												
P8-CO60	W	8	545	1100x1400	800	1820x1770	4050	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							
P11-CO60	W					11	750	1350x1400	800					1945x1770	4050	1300	1945x1770	2000	4.6	24	60	
	W								900					2050x1770			2050x1770					
P11-CO96	W								1.6					800	1945x1770	4300	1400					1945x1770
	W													900	2050x1770							2050x1770
P11-CO105	W	1.75	800	1945x1770	4300				1450	1945x1770												
	W		900	2050x1770						2050x1770												
P11-CO120	W	2	800	1945x1770	4350				1650	1945x1770												
	W		900	2050x1770						2050x1770												
P11-CO150	W	2.5	800	1945x1770	4350				2100	1945x1770												
	W		900	2050x1770						2050x1770												
P11-CO60	D	11	750	1100x1700	800				1820x2070	4050	1300	1820x2070	2000	4.6	24	60						
	D				900				2000x2070			2000x2070										
P11-CO96	D				1.6				800	1820x2070	4300	1400					1820x2070					
	D								900	2000x2070							2000x2070					
P11-CO105	D				1.75	800	1820x2070	4300	1450	1820x2070												
	D					900	2000x2070			2000x2070												
P11-CO120	D				2	800	1820x2070	4350	1650	1820x2070												
	D					900	2000x2070			2000x2070												
P11-CO150	D				2.5	800	1820x2070	4350	2100	1820x2070												
	D					900	2000x2070			2000x2070												
P13-CO60	W				13	885	1600x1400	900	2175x1770	4050	1300	2175x1770					2000	5.7	24	60		
	W							1000	2275x1770			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												
P14-CO60	D	14	955	1100x2100				800	1820x2470	4050	1300	1820x2470	2000	5.7	24	60						
	D							900	2000x2470			2000x2470										
P14-CO96	D							1.6	800	1820x2470	4300	1400									1820x2470	
	D								900	2000x2470											2000x2470	
P14-CO105	D				1.75	800	1820x2470	4300	1450	1820x2470												
	D					900	2000x2470			2000x2470												
P14-CO120	D				2	800	1820x2470	4350	1650	1820x2470												
	D					900	2000x2470			2000x2470												
P14-CO150	D				2.5	800	1820x2470	4350	2100	1820x2470												
	D					900	2000x2470			2000x2470												

Note:

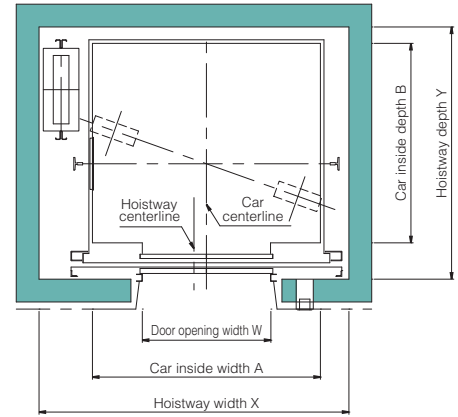
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
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- In case that more than one (simplex) elevator is required, please 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



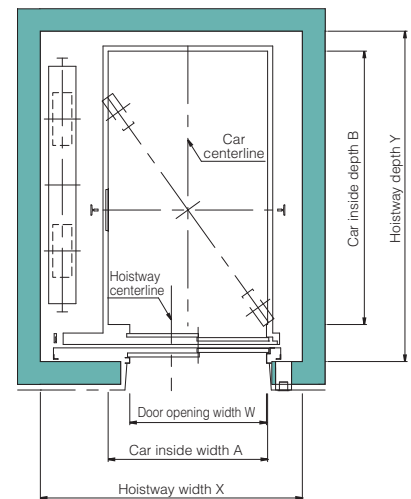
Hoistway section



Machine room plan



Center opening door hoistway plan (Type: P15W)



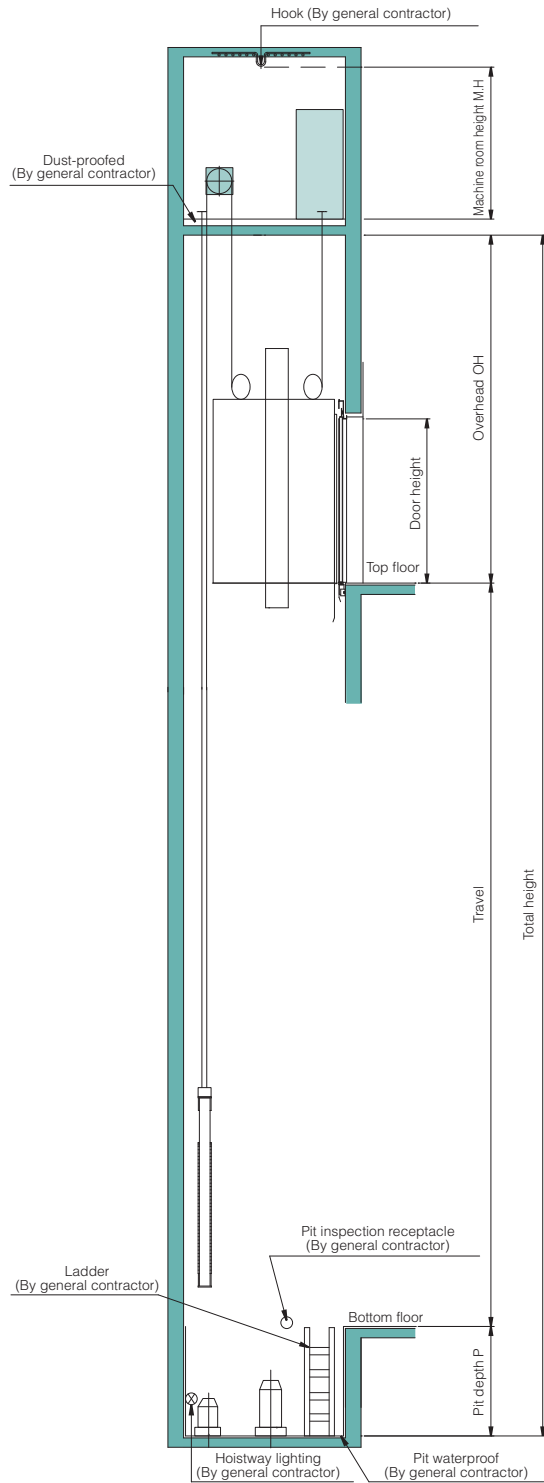
Two panel slide door Hoistway plan (Type: P17D, P21D)

Specifications

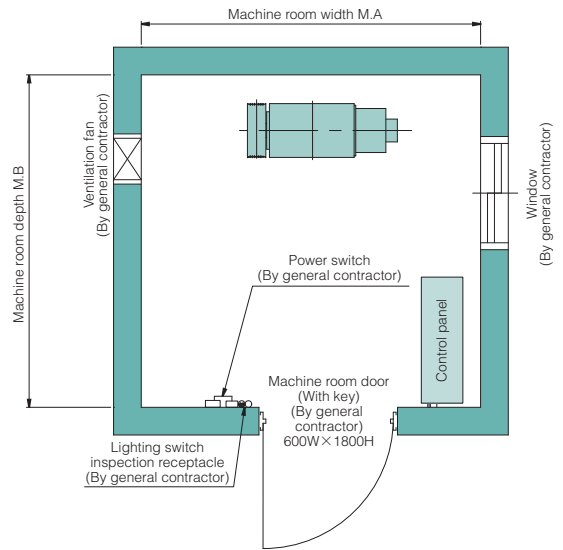
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)									
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H												
P17-CO60	W	17	1150	1	1800x1500	1000	2500x1980	4050	1300	2500x1980	2000	7.3	24	60								
	W					1100	2600x1980			2600x1980												
P17-CO96	W					1.6	1000	2500x1980	4300	1400					2500x1980	11.6	32	100				
	W						1100	2600x1980							2600x1980							
P17-CO105	W					1.75	1000	2500x1980	4300	1450					2500x1980	12.6	32	100				
	W						1100	2600x1980							2600x1980							
P17-CO120	W					2	1000	2500x1980	4350	1650					2500x1980	14.4	40	125				
	W						1100	2600x1980							2600x1980							
P17-CO150	W					2.5	1000	2500x1980	4700	2100					2500x1980	18.0	40	125				
	W						1100	2600x1980							2600x1980							
P19-2S60	D					19	1275	1.6	1200x2500	1100					2100x3050	4050	1300	2100x3050	2200	16.0	32	100
P19-2S96	D															4300	1400					
P19-2S105	D	1.75	4300	1450	18.0																	
P19-2S120	D	2	4350	1650	20.0																	
P19-2S150	D	2.5	4700	2100	24.0																	
P24-2S60	D	24	1600	1	1400x2600	1200	2300x3150	4050	1300	2300x3150	2200	18.0	32	100								
P24-2S96	D							4300	1400						16.0							
P24-2S105	D							1.75	4300						1450	20.0						
P24-2S120	D							2	4350						1650	24.0						
P24-2S150	D							2.5	4700						2100							

Note:

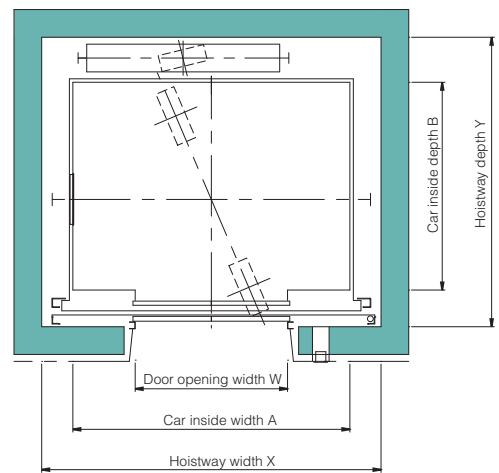
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) 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



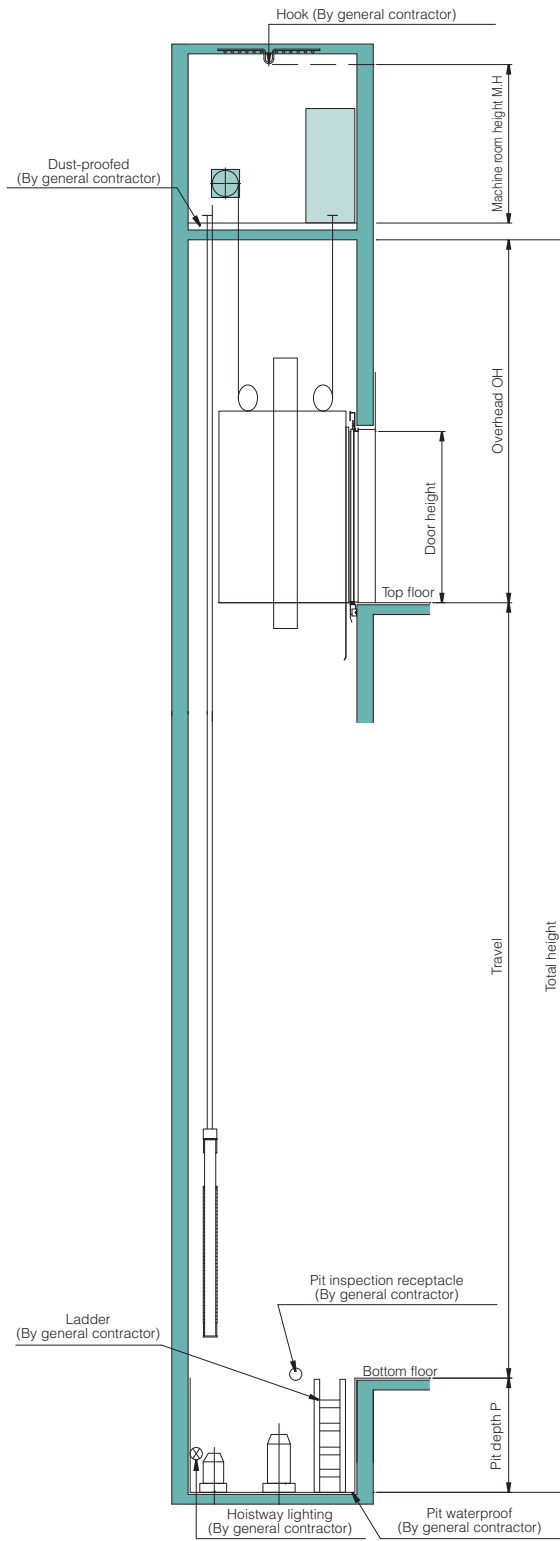
Hoistway plan

Specifications

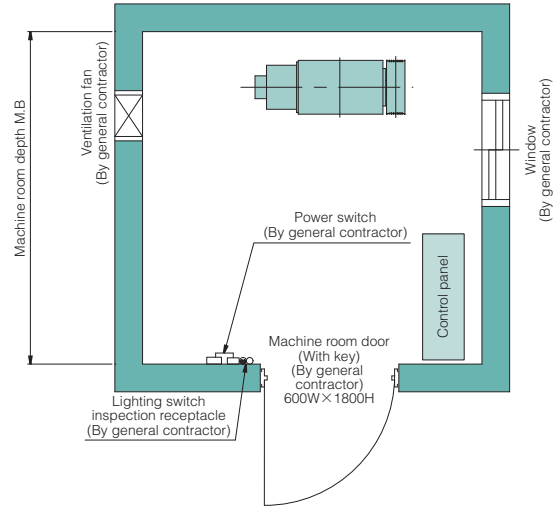
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm) Internal (A x B)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)				
						X x Y	OH	P	M.A x M.B	M.H							
P8-CO60	W	8	545	1400x1100	800	1850x1680	4050	1300	1850x1680	2000	3.6	24	60				
	W					1950x1680			1950x1680								
P8-CO96	W				1.6	800	1850x1680	4300	1400					1850x1680	5.8	32	100
	W					900	1950x1680							1950x1680			
P8-CO105	W				1.75	800	1850x1680	4300	1450					1850x1680	6.3	32	100
	W					900	1950x1680							1950x1680			
P8-CO120	W		2		800	1950x1780	4350	1650	1950x1780		7.2	40	125				
	W				900	2050x1780			2050x1780								
P8-CO150	W		2.5		800	1950x1780	4350	2100	1950x1780		9.0	40	125				
	W				900	2050x1780			2050x1780								
P11-CO60	W		11		750	1400x1350	800	1850x2000	4050		1300	1850x2000	2000	4.6	24	60	
	W							1950x2000				1950x2000					
P11-CO96	W	1.6		800			1850x2000	4300	1400	1850x2000	7.3	32					100
	W			900			1950x2000			1950x2000							
P11-CO105	W	1.75		800			1850x2000	4300	1450	1850x2000	8.0	32					100
	W			900			1950x2000			1950x2000							
P11-CO120	W	2		800	1950x2100		4350	1650	1950x2100	9.2	40	125					
	W			900	2050x2100				2050x2100								
P11-CO150	W	2.5		800	1950x2100		4350	2100	1950x2100	11.4	40	125					
	W			900	2050x2100				2050x2100								
P13-CO60	W	13		885	1600x1400		900	2100x2050	4050	1300	2100x2050	2000		5.7	24	60	
	W							2200x2050			2200x2050						
P13-CO96	W		1.6			900	2100x2050	4300	1400	2100x2050	9.2		32				100
	W					1000	2200x2050			2200x2050							
P13-CO105	W		1.75			900	2100x2050	4300	1450	2100x2050	10.0		32				100
	W					1000	2200x2050			2200x2050							
P13-CO120	W		2	900		2200x2150	4350	1650	2200x2150	11.4	40		125				
	W			1000		2300x2150			2300x2150								
P13-CO150	W		2.5	900		2200x2150	4350	2100	2200x2150	14.3	40		125				
	W			1000		2300x2150			2300x2150								

Note:

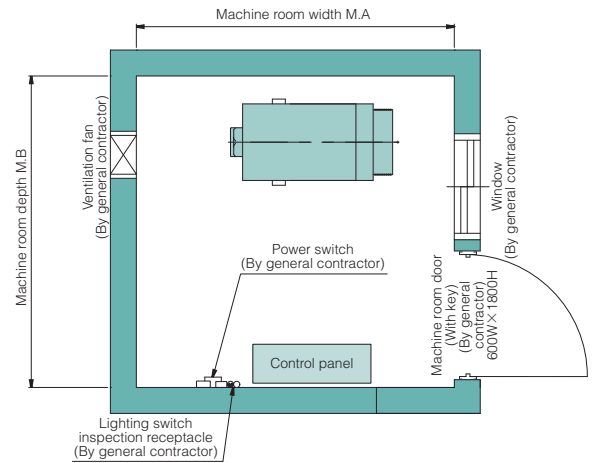
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) 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



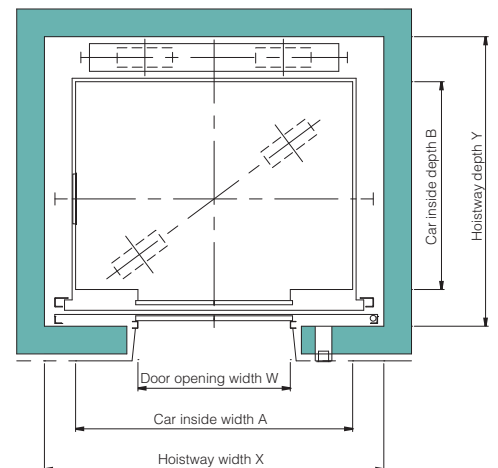
Hoistway section



Machine room plan(P15W)



Machine room plan(P17W~P24W)



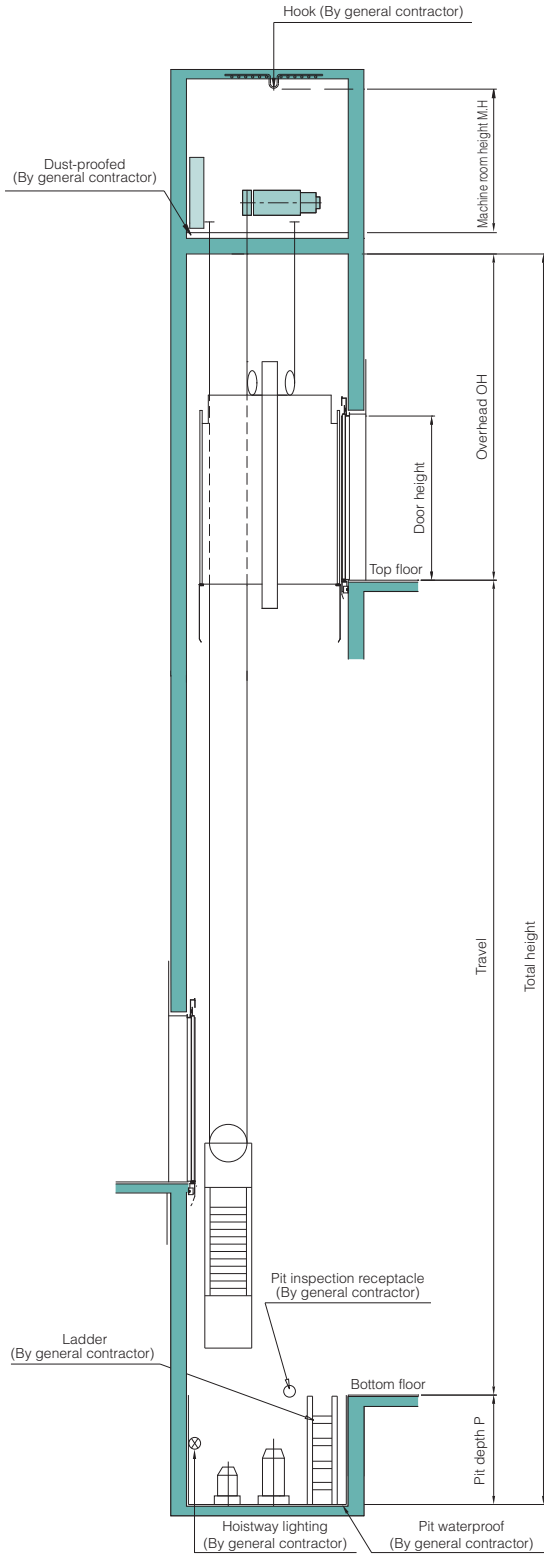
Hoistway plan

Specifications

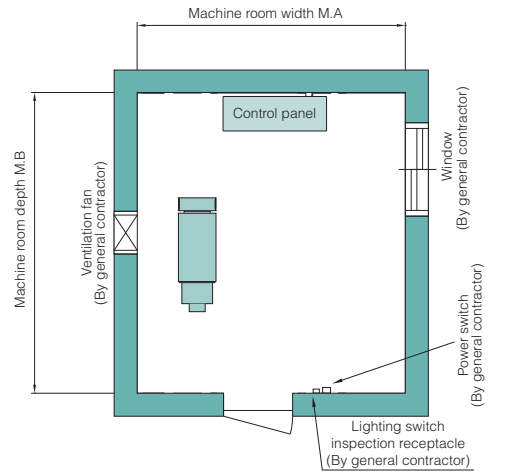
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)														
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H																	
P17-CO60	W	17	1150	1800x1500	1000	2300x2190	4050	1300	2300x2190	2200	7.3	24	60														
	W													2450x2190													
P17-CO96	W						1.6	1000						2300x2190	4300	1400	2300x2190										
	W																	2450x2190									
P17-CO105	W						1.75	1000						2300x2190	4300	1450	2300x2190										
	W																	2450x2190									
P17-CO120	W						2	1000						2300x2190	4350	1650	2300x2190										
	W																	2450x2190									
P17-CO150	W						2.5	1000						2300x2190	4700	2100	2300x2190										
	W																	2450x2190									
P19-CO60	W						19	1275						2000x1500	1100	2550x2200	4050	1300	2550x2200	2200	8.7	24	60				
P19-CO96	W																							1.6	4300	1400	14.0
P19-CO105	W																1.75	4300						1450	16.0	32	100
P19-CO120	W																2	4350						1650	18.0	40	125
P19-CO150	W	2.5	4700	2100	20.0	40			125																		
P20-CO60	W	20	1350	2000x1550	1100	2550x2250			4050	1300	2550x2250	2200	8.7				24	60									
P20-CO96	W																							1.6	4300	1400	14.0
P20-CO105	W								1.75	4300														1450	16.0	32	100
P20-CO120	W								2	4350														1650	18.0	40	125
P20-CO150	W								2.5	4700														2100	20.0	40	125
P24-CO60	W						24	1600	2000x1800	1100				2550x2500	4050	1300			2550x2500	2200	10.0	24	60				
	W																							2700x2500			
P24-CO96	W														1.6	1100								2550x2500	4300	1400	2550x2500
	W																										
P24-CO105	W														1.75	1100								2550x2500	4300	1450	2550x2500
	W	2700x2500																									
P24-CO120	W	2	1100	2550x2500	4350	1650					2550x2500																
	W											2700x2500															
P24-CO150	W	2.5	1100	2550x2500	4700	2100					2550x2500																
	W											2700x2500															
P27-CO60	W	27	1800	2100x1900	1200	2700x2600					4050	1400	2700x2600		2200	12.0	24	60									
P27-CO96	W																							1.6	4300	1550	18.0
P27-CO105	W										1.75	4300												1650	20.0	32	100
P27-CO120	W										2	4350												1900	22.0	40	125

Note:

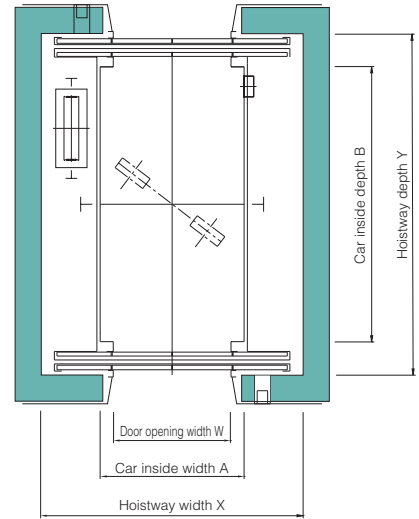
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) 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			
P14-CO60	D2	14	955	1100×2100	800	1820×2610	4300	4050	1300	1820×2610	2000	10.0	※1
P14-CO96	D2							4300	1400				
P14-CO105	D2							4300	1450				
P14-CO120	D2							4350	1650				
P14-CO150	D2							4350	2100				
P24-2S60	D2	24	1600	1400×2600	1200	2300×3270	4300	4050	1300	2300×3270	2200	18.0	※1
P24-2S96	D2							4300	1400				
P24-2S105	D2							4300	1450				
P24-2S120	D2							4350	1650				
P24-2S150	D2							4700	2100				

※1 Please contact us.

Note:

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