Basic Specifications

Horizontal Dimensions <1-Door 1-Gate (1D1G)>

Code number	Number of persons	Rated capacity (kg)	Rated speed (m/sec)	Door type	Entrance width (mm) JJ	Car internal dimensions (mm) AA x BB	Counter-weight position	Minimum hoistway dimensions (mm) AH x BH/car
P6	6	450	1.0 1.6 1.75	2S	800	950x1300	Side	1500x1740
						1000x1200		1550x1740
P7	7	550			800: Standard	1100x1300		1650x1740
					900: Optional			
P8	8	630		CO	900: Standard	1100x1400		1950x1720
					800: Optional			1800x1720
				2S	900: Standard			1650x1800
					800: Optional			
P11	11	825		CO	900: Standard	1350x1400		2025x1720
					800: Optional			1925x1720
				2S	900: Standard			1900x1800
					1100: Optional			1950x1800
P14	14	1050		CO	1100: Standard	1600x1400		2415x1720
					900: Optional			2215x1720
				2S	1100			2215x1800
				CO	900: Standard	1100x2100		1965x2420
					800: Optional			1865x2420
				2S	900: Standard			1715x2500
					800: Optional			

[Terms of the table]
- The contents of this table are applied to standard specifications only. Please consult our local agents for other specifications.
- Rated capacity is calculated at 75kg per person, as required by EN81-1.
- CO: 2-panel center opening doors, 2S: 2-panel side sliding doors.
- Minimum hoistway dimensions (AH and BH) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- This table shows specifications without the fireproof landing door and counterweight safety.
- The applicable range of the rated capacity may differ depending on the manufacturing factory. Please consult our local agents for details.

Vertical Dimensions <1-Door 1-Gate (1D1G) & 1-Door 2-Gate (1D2G)>

Rated speed (m/sec)	Travel (m) TR	Maximum number of floors	Minimum overhead (mm) OH	Minimum pit depth (mm) PD	Minimum floor to floor height (mm)
1.0	TR≦30	22	3650 *1	1300	2500
	30<TR≦60		3650		
1.6	TR≦30	30	3750	1400	
	30<TR≦60		3800		
	60<TR≦80		3850		
1.75	TR≦30	30	3850	1450	
	30<TR≦60		3900		
	60<TR≦80		3950		

[Terms of the table]
- The contents of this table are applied to standard specifications only. Please consult our local agents for other specifications.
- Some specifications require more than 2500mm as a minimum floor height. Please consult our local agents if the floor height is less than entrance height HH + 700mm, and the elevator is 1-Door 2-Gate.
- This table shows specifications without counterweight safety.

[Note]
*1 Minimum overhead (OH) may vary depending on conditions.

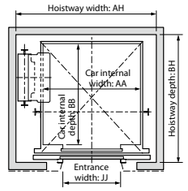
Specifications for Variable Traveling Speed Elevator System (Optional)

<1-Door 1-Gate (1D1G) & 1-Door 2-Gate (1D2G)>

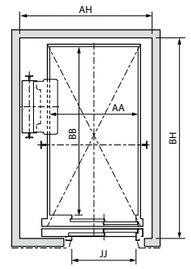
Rated speed (m/sec)	Speeds (m/sec)	Travel (m) TR	Rated capacity (kg)	Minimum overhead (mm) OH	Minimum pit depth (mm) PD
1.0	1.0/1.25/1.5/1.6	TR≦30	~1050	3750	1400
		30<TR≦60		3800	

[Terms of the table]
- The Variable Traveling Speed Elevator System (VSE) is applicable for elevators with a rated speed of 1.0m/sec.
- Except minimum overhead and pit depth dimensions (OH and PD), specifications shown in tables, "Horizontal Dimensions" and "Vertical Dimensions", on the pages 19 and 21 are applicable to the Variable Traveling Speed Elevator System.

Hoistway Plan

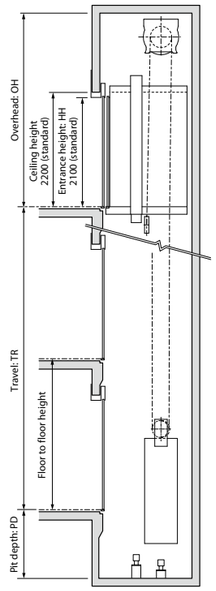


Shown for CO doors
Counterweight side drop
(Capacity 630kg ~ 1050kg)



Shown for 2S doors
Counterweight side drop
(Capacity 450kg ~ 1050kg)

Hoistway Section



Applicable Standards

NEXIEZ-MRL complies with EN81-1. For details of compliance with other national regulations, please consult our local agents.

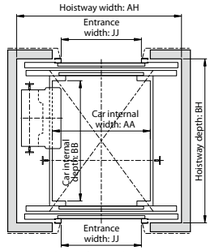
Basic Specifications

Horizontal Dimensions <1-Door 2-Gate (1D2G)>

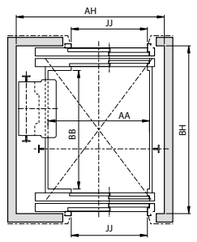
Code number	Number of persons	Rated capacity (kg)	Rated speed (m/sec)	Door type	Entrance width (mm) JJ	Car internal dimensions (mm) AAxBB	Counter-weight position	Minimum hoistway dimensions (mm) AHxBH/car
P8	8	630	1.0 1.6 1.75	CO	900: Standard	1100x1400	Side	1965x1860
					800: Optional			1865x1860
				2S	900: Standard			1715x1982
					800: Optional			1650x1982
P11	11	825		CO	900: Standard	1350x1400		2090x1860
					800: Optional			1925x1860
				2S	900: Standard			1900x1982
					1100: Optional			1965x1982
P14	14	1050		CO	1100: Standard	1600x1400		2415x1860
					900: Optional			2215x1860
				2S	1100			2215x1982
				CO	900: Standard	1100x2100		1965x2560
					800: Optional			1865x2560
				2S	900: Standard			1715x2682
					800: Optional			

[Terms of the table]
- The contents of this table are applied to standard specifications only. Please consult our local agents for other specifications.
- Rated capacity is calculated at 75kg per person, as required by EN81-1.
- CO: 2-panel center opening doors, 2S: 2-panel side sliding doors.
- Minimum hoistway dimensions (AH and BH) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- This table shows specifications without the fireproof landing door and counterweight safety.

Hoistway Plan

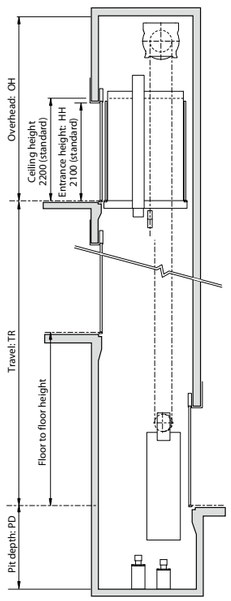


Shown for CO doors
Counterweight side drop



Shown for 2S doors
Counterweight side drop

Hoistway Section



Applicable Standards

NEXIEZ-MRL complies with EN81-1. For details of compliance with other national regulations, please consult our local agents.

Important Information on Elevator Planning

Work Not Included in Elevator Contract

The following items are excluded from Mitsubishi Electric's elevator installation work, and are therefore the responsibility of the building owner or general contractor:
- Construction of the elevator machine room with proper beams and slabs, equipped with a lock, complete with illumination, ventilation and waterproofing.
- Access to the elevator machine room sufficient to allow passage of the control panel and traction machine.
- Architectural finishing of the machine room floor, and the walls and floors in the vicinity of the entrance hall after installation has been completed.
- Construction of an illuminated, ventilated and waterproofed elevator hoistway.
- A ladder to the elevator pit.
- The provision of cutting the necessary openings and joists.
- Separate beams, when the hoistway dimensions markedly exceed the specifications, and intermediate beams when two or more elevators are installed.
- All other work related to building construction.
- The machine room power-receiving panel and the electrical wiring for illumination, plus the electrical wiring from the electrical room to the power-receiving panel.
- The laying of conduits and wiring between the elevator pit and the terminating point for the devices installed outside the hoistway, such as the emergency bell, intercom, monitoring and security devices, etc.
- The power consumed in installation work and test operations.
- All the necessary building materials for grouting in of brackets, bolts, etc.
- The test provision and subsequent alteration as required, and eventual removal of the scaffolding as required by the elevator contractor, and any other protection of the work as may be required during the process.
- The provision of a suitable, locked space for the storage of elevator equipment and tools during elevator installation.
- The security system, such as a card reader, connected to Mitsubishi Electric's elevator controller, when supplied by the building owner or general contractor.

* Work responsibilities in installation and construction shall be determined according to local laws. Please consult our local agents for details.

Elevator Site Requirements

- The temperature of the machine room and elevator hoistway shall be below 40˚C.
- The following conditions are required for maintaining elevator performance.
  a. The relative humidity shall be below 90% on a monthly average and below 95% on a daily average.
  b. The machine room and the elevator hoistway shall be finished with mortar or other materials so as to prevent concrete dust.
- Voltage fluctuation shall be within a range of +5% to −10%.

Ordering Information

Please include the following information when ordering or requesting estimates:
- The desired number of units, speed and loading capacity.
- The number of stops or number of floors to be served.
- The total elevator travel and each floor-to-floor height.
- Operation system.
- Selected design and size of car.
- Entrance design.
- Signal equipment.
- A sketch of the part of the building where the elevators are to be installed.
- The voltage, number of phases, and frequency of the power source for the motor and lighting.

Mitsubishi Elevator Inazawa Works has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management.
The company has also acquired environmental management system standard ISO 14001 certification.

Mitsubishi Elevator Asia Co., Ltd. has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management.
The company has also acquired environmental management system standard ISO 14001 certification.