

PASSENGER ELEVATORS

NEXIEZ-Fit

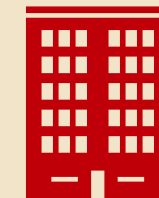
Fits your days, defines your future

Wearing Our PRIDE
Fits your days, defines your future.

CONTENTS

Concept	P03
Core Values	P05
Maintenance	P07
Variations	P09
Specifications	P13

SPEC



NEXIEZ-Fit

Up to 10 stops
1.0 m/sec
6-8 passengers
450-630 kg



NEXIEZ-MRL Version2

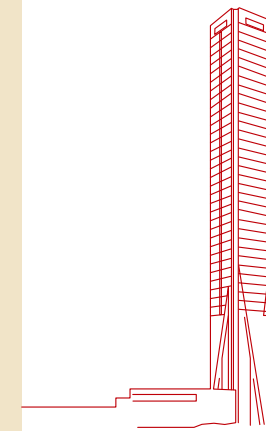
Up to 30 stops
1.0-2.5 m/sec
6-24 passengers
450-1800 kg

Owners' dreams coming true around the world.

Mitsubishi Electric Building Solutions offers owners total support in creating the ideal space to realize their dreams; the perfect fit for diversified architectures, cultures and lifestyles in different parts of the world. We are committed to proposing the best-fitting specifications for each property consigned to us by making the most of original world-renowned technological and design capabilities that result in the provision of premium products with long-lasting value.

Revealing three core Japanese DNA to the world.

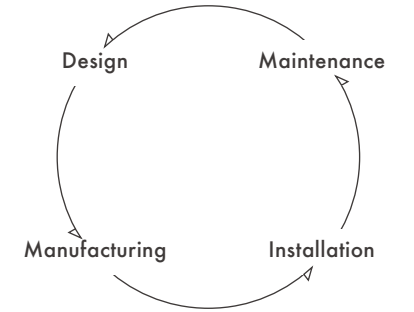
Mitsubishi elevators and escalators successfully delivering Japanese spirit and manufacturing prowess throughout the world. We are continuously pursuing superior technologies, the ultimate in comfort, safety and quality, and long-lasting partnerships. Fusing these three core Japanese brand DNA together raises possibilities to a higher dimension, enabling our goals to be achieved.



**Mitsubishi
Electric
Building
Solutions**

Committed to delivering superior quality and support.

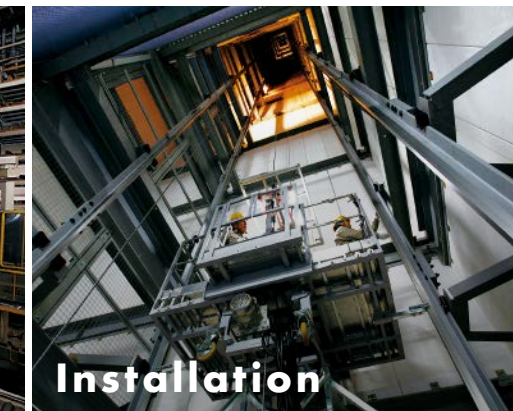
For safe, anxiety-free use. To produce products that answer the needs of the era. In every process of development, manufacturing, installation, maintenance and repair, or modernization, our professionals are pursuing optimal product quality.



Design



Manufacturing



Installation



Maintenance

Design

Safety and security first. Mitsubishi Electric Building Solutions' Inazawa Building Systems Works (Inazawa Works) is the mother factory for the research and development of advanced technologies, such as those used in high-speed elevators and AI elevator group control. In addition to conducting various analyses, simulations, and tests, Inazawa Works collaborates in development with overseas R&D centers and quality assurance management and testing with overseas production sites. These initiatives are just a small part of the efforts made to create more comfortable lives for all.

Manufacturing

Our cutting-edge equipment manufactures high-precision products. Processes that require intricate skills are finished manually by skilled technicians. The optimum mix of technologies and craftsmanship produces high-quality elevators and escalators.

Installation

We are promoting the development of new manufacturing techniques and passing down technical skills through training on a global level. Secure and accurate installation precision at the millimeter-level is required at all times. Installation engineers utilize their meticulous craftsmanship to support a superb, quiet ride by minimizing vibration.

Maintenance

We set up field engineering systems in many regions of the world to provide environments that ensure safe and comfortable use every day.

Because Everyone Deserves a Ride to Remember.

All for the Sake of Our Customers' Quality Experience.

The innovations of Mitsubishi Electric Building Solutions continue to press onward, offering customers high-quality products that are comfortable, efficient, safe, save energy, and manufactured with careful consideration to protecting the environment. Our pursuit of better quality is never ending.

Ensuring safety and comfort wherever used in daily life.

From getting on to getting off, we're responsible for passenger comfort and safety, even during an emergency! We promise that passenger safety from every angle is priority No.1 for ensuring a reliable, comfortable ride every time.

For safe boarding



Highly accurate landing stop and holding the car securely after coming to a halt are vital. Sensors monitor passengers getting on and off to prevent them from being caught when the door is closing, and thereby ensuring a safe and smooth ride.

Smooth ride



The latest control system and devices reduce noise and vibration to a minimum. The ride is so stable and smooth that a coin placed vertically on the floor will remain standing.

In emergency situations



During emergencies such as blackouts, earthquakes or fires, elevator control is designed to ensure passengers are evacuated safely. Elevators can be equipped with a two-way communication system for rescue work.

Key components

Providing a high-quality ride experience together with safety and security, our key components to mid-size buildings that are no different from premium buildings.



Traction machine

A quiet, safe and reliable traction machine developed by our ultra-high-speed technology, brings safety and comfort to your daily life.



Control panel

Our control panel can lead to smooth-ride comfort by high-precision position detection and current control.



Door operator

Our door device achieves smooth and safety-conscious operation through optimization of the opening/closing speed by learning the door weight and preventing jamming by detecting the door load.

Quality
inMotion™

Comfort

Efficiency

Ecology

Safety

Our elevators, escalators and building management systems are always evolving, helping achieve our goal of being the No.1 brand in quality. In order to satisfy customers in all aspects of comfort, efficiency and safety while realizing a sustainable society, quality must be of the highest level in all products and business activities, while priority is place on consideration for the environment.

As the times change, we promise to utilize the collective strengths of its advanced and environmental technologies to offer its customers safe and reliable products while contributing to society.

* Quality in Motion is a trademark of Mitsubishi Electric Corporation.

Keeping your smiles by Maintenance experts' support.

We promise safety and a comfortable ride by visualizing when to replace parts.

Using the elevator maintenance know-how and knowledge database that we have cultivated through installations in over 90 countries, we are able to automatically detect and visualize the optimal parts replacement timing based on operation data. By replacing parts at the optimal timing, it is possible to maintain a high level of quality for ride comfort, safety and security, maintain user satisfaction by minimizing downtime, and achieve high convenience.

Training Centers nurturing technicians with sophisticated technologist.

We consider users' safety and peace of mind first, and thus conduct training with a focus on developing "experts" who know Mitsubishi elevators thoroughly. Centering on our core training center in Japan, programs based on our global training system are implemented in cooperation with training centers at overseas business sites around the world. Rigorous training is carried out to develop highly competent professionals. In addition to technical training, education to enhance human nature is also given to ensure that our technicians provide services from the customer's perspective at all times, with a focus on ensuring total customer satisfaction.

Remote Maintenance Service

24 hours 365 days

Connected to your
elevators non-stop for
peace of mind.

M's BRIDGE™ connects your elevator with our remote maintenance services, which are at your disposal 24/7, year-round. We have turned maintenance services provided by overseas service offices worldwide into a computer application that uses our Internet of Things (IoT) platform. In doing so, we are providing services that are more sophisticated than ever before, while simultaneously improving user safety and convenience. Additionally, big data obtained through elevators around the world can be utilized through our digital technologies, including artificial intelligence (AI) and data analysis.

Expanded Functions for the Future



Notes A separate maintenance contract is required to provide our maintenance services.
M's BRIDGE™ is not a product feature of the elevator, but it is provided when our remote maintenance service is contracted.
M's BRIDGE™ services may not be available in some countries/areas. Please contact your representative for details.

https://www.mebs.com/solutions/maintenance/msbridge/pdf/ms_bridge_grms.pdf



Embodying Your Vision with Style and Simplicity.



Cage design examples



Ceiling	CL2 Painted steel sheet [Y136D: Ash gray]
Walls	Painted steel sheet [Y137B: Dark gray]
Transom panel	Painted steel sheet [Y137B: Dark gray]
Doors	Painted steel sheet [Y137B: Dark gray]
Front return panels	Laminated steel sheet [ML01: Silver metal line]
Car operating panel	CBV1-M1030
Kickplate	Hairline stainless-steel
Flooring	PR803: Gray



Ceiling	DL5 Painted steel sheet [Y135D: Shadow white]
Walls	Painted steel sheet [Y033D: White]
Car operating panel	CBV3-N1040
Kickplate	Hairline stainless-steel
Flooring	PR801: Cream beige

Ceiling

CL2 Downlight Standard



Painted steel sheet [Y135D: Shadow white]

Painted steel sheet [Y136D: Ash gray]



Painted steel sheet [Y055B: Onyx black]

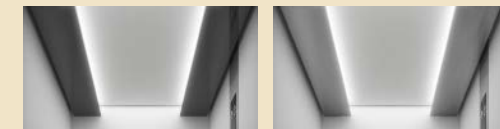
Hairline stainless-steel

DL5 Cove



Painted steel sheet [Y135D: Shadow white]

Painted steel sheet [Y136D: Ash gray]



Painted steel sheet [Y055B: Onyx black]

Hairline stainless-steel

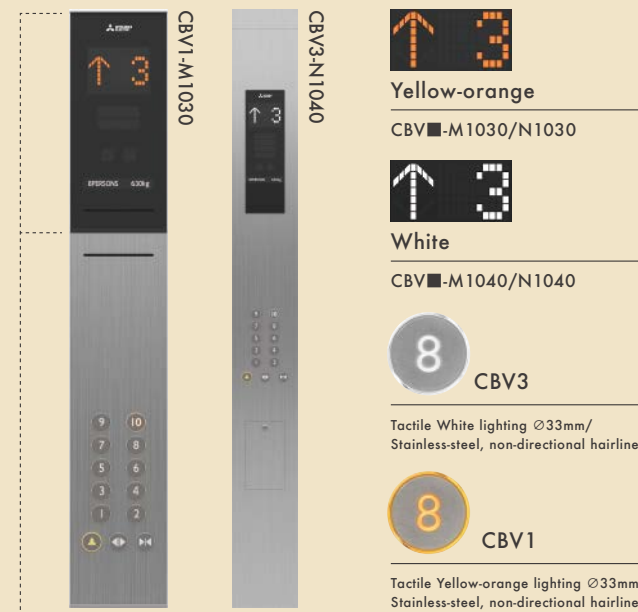
Mirror



YZ-52A Half-size

YZ-53A Two-mirror type

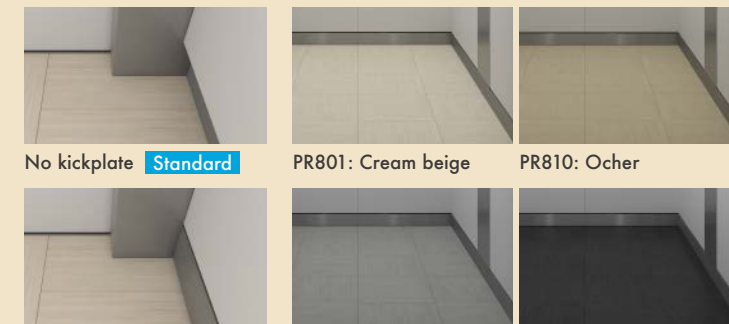
Car signal fixtures



With EN81-20/50:2020-compliant indicator

YH-100SL
Hairline stainless-steel

Kickplate



No kickplate Standard

PR801: Cream beige

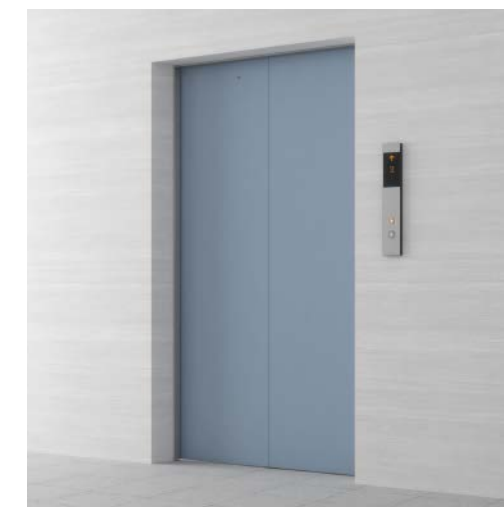
PR810: Ocher

PR803: Gray

PR812: Dim-gray

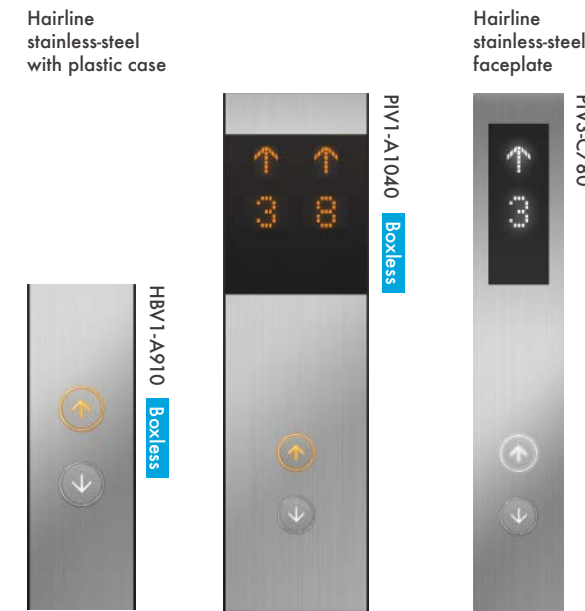
Flooring

Hall design example
















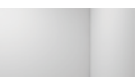


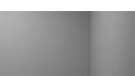




Jamb	E-102 Narrow jamb Hairline stainless-steel
Doors	Painted steel sheet [Y118B: Foggy blue]
Hall position indicators and buttons	PIV1-A1030

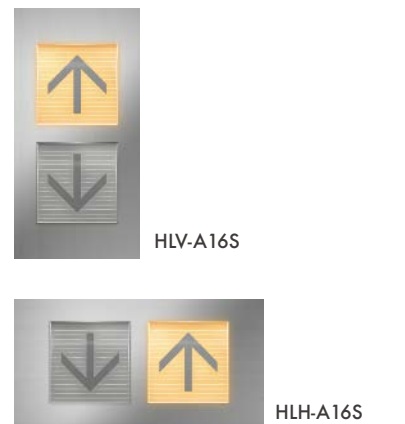
Hall signal fixtures



Finishes for cage and hall

Laminated steel sheet [Anti-finger print]	Painted steel sheet			Combination examples
 <div>ML01 Silver metal line</div>	 <div>Y033D White</div>	 <div>Y137B Dark gray [RAL 000 40 00]</div>	 <div>Y116B Blue</div>	 <div>Silver metal line x Natural green</div>
Stainless steel	 <div>Y133D Pastel sand [RAL 080 80 10]</div>	 <div>Y055B Onyx black</div>	 <div>Y014B Red-violet</div>	 <div>Silver metal line x Foggy blue</div>
	 <div>Y134D Flax fibre gray [RAL 075 70 10]</div>	 <div>Y117B Natural green [RAL 120 80 30]</div>		 <div>Silver metal line x Apricot brown</div>
	 <div>Y002B Dark brown</div>	 <div>Y118B Foggy blue [RAL 250 70 10]</div>		 <div>Silver metal line x Carriage yellow</div>
	 <div>Y135D Shadow white [RAL 000 85 00]</div>	 <div>Y119B Apricot brown [RAL 050 60 40]</div>		 <div>Silver metal line x Blue</div>
	 <div>Y136D Ash gray [RAL 000 60 00]</div>	 <div>Y138B Carriage yellow [RAL 075 80 60]</div>		 <div>Silver metal line x Red-violet</div>

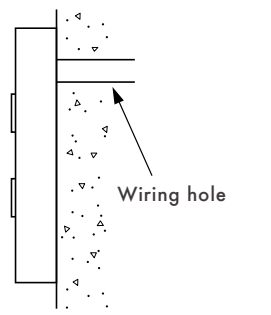
Hall lantern



Cross-section of surface-mount flxtures

Boxless

Hall signal fixtures with Boxless can be easily mounted on the wall surface without having to cut into the wall to embed the back box.



Specifications

Electrical Features

Standard	Abbreviation	Optional	Abbreviation
Automatic Door Speed Control	DSAC	Attendant Service	AS
Backup Operation for Group Control Microprocessor (for 2-car control only)	GCBK	Car Arrival Chime — Buzzer in each hall fixture	AECH-B
Basic Announcement	AAN-B	Car Arrival Chime — Chime on car	AECC
Car Call Canceling	CCC	Earthquake Emergency Return	EER-P,EER-S
Car Fan Shut Off — Automatic	CFO-A	Emergency Car Lighting	ECL
Car Light Shut Off — Automatic	CLO-A	Extended Door-open Button	DKO-TB
Continuity of Service (for 2-car control only)	COS	Fire Emergency Return (for Mitsubishi Electric Standard*3 elevators)	FER
Door Load Detector	DLD	Firefighters' Emergency Operation (for Mitsubishi Electric Standard*3 elevators)	FE
Intercommunication System (for EN81-20/50:2020-compliant elevators)	ITP	Intercommunication System (for Mitsubishi Electric Standard*3 elevators)	ITP
Multi-beam Door Sensor*2 (for EN81-20/50:2020-compliant elevators)	-	ITV Camera in Car *1	ITV
Door Nudging Feature — With Buzzer	NDG	Main Floor Parking	MFP
Door Sensor Self-diagnosis	DODA	Mitsubishi Emergency Landing Device	MELD
False Call Canceling — Car Button Type	FCC-P	Multi-beam Door Sensor *2 (for Mitsubishi Electric Standard*3 elevators)	-
Independent Service	IND	Non-service Temporary Release for Car Call — Card Reader Type	NSCR-C
Next Landing	NXL	Non-service to Specific Floors — Car Button Type	NS-CB
Overload Holding Stop	OLH	Operation by Emergency Power Source — Sole Automatic	OEPS-SA
Reopen with Hall Button	ROHB	Out-of-service by Hall Key Switch	HOS
Repeated Door-close	RDC	Safety Door Edge	SDE
Safe Landing	SFL	Safety Ray (2 beams) *2 (Applicable to Mitsubishi Electric Standard*3 elevators only)	SR2
Safety Ray (1 beam) *2 (Applicable to Mitsubishi Electric Standard*3 elevators only)	SR1	Sonic Car Button — Click Type	ACB
Strategic Overall Spotting (for 2-car control only)	SOHS	Sonic Hall Button — Click Type	AHC
		Voice Guidance System	AAN-G

- Notes
- *1: A security camera, video system and recorder need to be prepared by customer.

*2: Please consult our local agent to check whether the feature is applicable to the environment where the sensors are exposed to direct or reflected sunlight.

*3: Mitsubishi Electric Standard is a specification that has been designed according to our deign criteria.

Basic Specifications

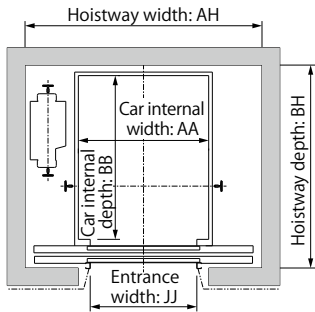
Rated speed (m/sec)	Code number	Number of persons	Rated capacity (kg)	Door type	Entrance width (mm) JJ	Car dimensions (mm) AAxBB	Minimum hoistway dimensions (mm) AHxBBH per car	
							Without fireproof landing door	With fireproof landing door
1.0	P6	6	450	2S	800	1000 x 1300	1605 x 1740	1605 x 1740
	P8	8	630	CO	900: Standard	1100 x 1400	1955 x 1720	2000 x 1735
					800: Optional		1855 x 1720	1880 x 1735
				2S	900: Standard		1705 x 1795	1705 x 1795
					800: Optional			

- [Term of the table]
- CO: 2-panel center opening doors, 2S: 2-panel side opening doors.

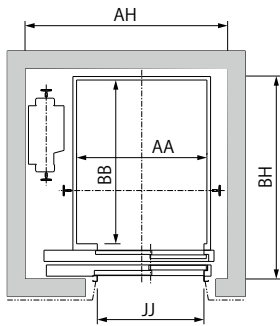
•Minimum hoistway dimensions (AH and BH) shown in the table are after waterproofing of the pit

Hoistway Plan

Door type : CO



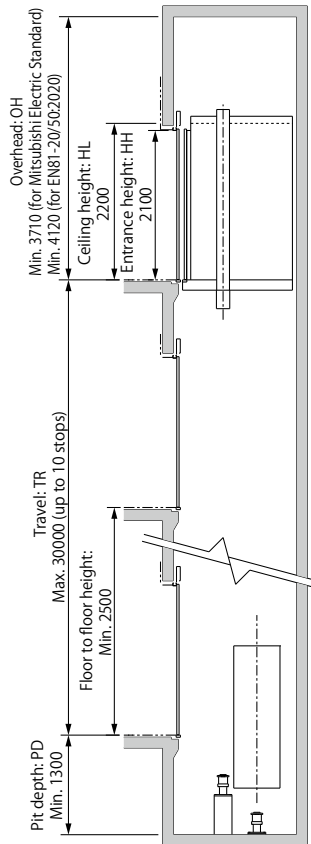
Door type : 2S



- Notes
- *1: The elevation shows the dimensions of standard specifications without counterweight safety.

*2: The standard specifications are as follows. Please consult our local agents for other specifications.
HH: 2100, HL: 2200 Ceiling type: CL2

Elevation



Important Information on Elevator Planning

Work Not Included in Elevator Contract

The following items are excluded from our elevator installation work. Their conditions and other details are to be conformed to the statement of EN81-20/50:2020, local laws or our requirements on the responsibility of the building owner or general contractor.

- Architectural finishing of walls and floors in the vicinity of the entrance hall after installation has been completed.
- Construction of an illuminated, ventilated and waterproofed hoistway.
- The provision of openings and supporting members as required for equipment installation.
- The provision of separate beams when the hoistway dimensions markedly exceed the specifications, and intermediate beams and separator partitions when two or more elevators are installed.
- The provision of an emergency exit door, inspection door and pit access door, when required, and access to the doors.
- All other work related to building construction.
- The provision of the main power and power for illumination in the hoistway by laying of the feeder wiring from the electrical switch boxes in electrical room into the hoistway.
- The provision of outlets and laying of the wiring in the hoistway, plus the power from the electrical switch box.
- 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.
- 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 our elevator controller, when supplied by the building owner or general contractor.

Note: Work responsibilities in installation and construction shall be determined according to local laws.

Elevator Site Requirements

- The temperature of the 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.Prevention against icing and condensation occurring due to a rapid drop in the temperature shall be provided in the elevator hoistway.
 - c.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.

ISO9001/14001 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 plant has also acquired environmental management system standard ISO 14001 certification.



MITSUBISHI ELECTRIC BUILDING SOLUTIONS CORPORATION

HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

<https://www.MEBS.com/>

 **Safety Tips:** Be sure to read the instruction manual fully before using this product.

The images in this catalog may look different from that of the actual products.



Revised publication effective Dec. 2024.
Superseding publication of GN050-A INA-2405.
Specifications are subject to change without notice.

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