Think Elevator, Think Nidec

Contacts

Southeast Asia
Sam Wong
sam.wong@mail.nidec.com
+60 12 655 7809

Crystal Zhong
crystal.zhong@nidec-elevator.com
+86 188 2312 6362

Ella Chen
ella.chen@nidec-ket.com
+86 159 6174 8780

Australia
Sunny Zhang
sunny.zhang@nidec-ket.com
+86 139 2151 8098

China
Infee Yang
infee.yang@nidec-elevator.com
+86 188 6395 1718

Middle East & South Africa
Omer Mukthar
omer.mukthar@nidec-mce.com
+971 52 809 6193

Mohamed Ezzeddine
mohamed.ezzeddine@nidec-mce.com
+971 50 350 0856

Europe & Turkey
Bahadir Ciftci
bahadir.ciftci@nidec-mce.com
+90 539 571 0205

Burak Celik
burak.celik@nidec-mce.com
+90 507 525 4044

Mert Yavuz
mert.yavuz@nidec-mce.com
+90 539 933 4628

Latin America
Gilberto Fuentes
gilberto.fuentes@nidec-mce.com
+1 314 933 4992

Juan Huertas
juan.huertas@nidec-mce.com
+57 319 257 4604

Jairo Guerrero
jairo.guerrero@nidec-mce.com
+1 917 972 0549

Nidec Elevator

The brochure is only for general information of the technical characteristics and configurations of Nidec elevator, not as a contract document. In line with the principle of continuous development of products, Nidec Elevator reserves the right to change the technical parameters, selection and color of products. For more information, please contact us anytime.

Ref. No. NEQC-2024 V.2



We Are Nidec-
Driving Dreams Forward

NIDEC CORPORATION

NIDEC-Making Industrial History for Over 100 Years

Our products are used and manufactured on every continent, showcasing our global reach. Our engineering expertise is limitless, from minor components to the most significant structures. Our international team consists of 106,592 dedicated individuals who work tirelessly across the planet.

NIDEC Corporation was founded by Mr. Shigenobu Nagamori in 1973, and its headquarters is located in Kyoto, Japan. NIDEC supplies unparalleled products to global markets by leveraging the synergy of our company's characteristics and attributes as the "world's No. 1 comprehensive motor manufacturer."



NIDEC ELEVATOR

Keeping People Moving

Nidec Elevator is one of the core businesses of Nidec Corporation, with its headquarters in California. As a powerful multinational company, Nidec Elevator aims to provide users with new value experience and strives to become a leading company in the industry.

Nidec Elevator values its partnerships in the global elevator market, bringing traditional values to our esteemed partners. By joining forces with Nidec, partners can explore affordable quality, responsive engineering, and an unwavering commitment to propel the elevator industry toward greater efficiency, safety, and value.

Nidec Elevator boasts eight globally distributed elevator R&D and manufacturing bases and has over 100 years background in elevator technology.

8

globally elevator R&D and manufacturing bases

116

years of elevator technology background



Global Footprint for Better Service

With eight elevator R&D and manufacturing bases, we achieve globalization of resources and services.

Nidec operates eight elevator research and development production bases, manufactures equipment, and provides customer services worldwide.

These production plants are structured as self-managed factories, each with its own engineering, procurement logistics, materials transformation, and quality control processes.

The quality of all elevator components is controlled entirely within these production plants, guaranteeing the elevator system is delivered with high standard.

Development History of Nidec Elevator Business Unit

2016 Nidec Elevator Package -NEQC (Qingdao, China)



2012 Nidec Group Acquired



2006 Control System Factory-KDM (Mexico)



1995 Control System -NKET (Wuxi, China)



1983 Control System R&D Center-MCE (California, USA)



1973 Control Techniques Inverter-CT (Wales, UK)



1960 Traction Machine-KDS (Foshan Shunde, China)



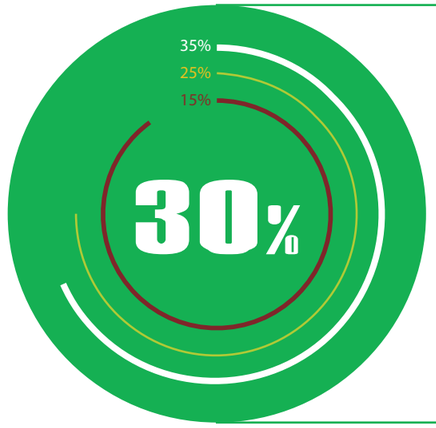
1946 Hydraulic Elevator-CANTON (Ohio, USA)

1908 Traction Machine-IMPERIAL (Ohio, USA)

More Than 100 Years Elevator Technology Background

Environmental Protection and Energy Saving
Leading a New Future Fashion

Industry-leading new generation permanent magnet synchronous gearless traction machine, completely reduce running cost of the elevator, achieve energy saving, space saving, etc.environmental requirements; The creative use of energy feedback technology is applied in the elevator, the elevator energy turn into the electricity, greatly reduces the harmonic pollution to the power supply, realizes the utilization of renewable energy.



SPM Gear-less Motor

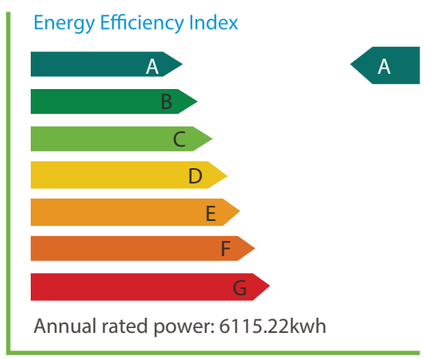
Save up to 30% of the power by usingthe SPM Gear-less traction machine andthe energyfeedback system(optional)

RECYCLING USE OF RESOURCES

LOW CARBON EMISSION

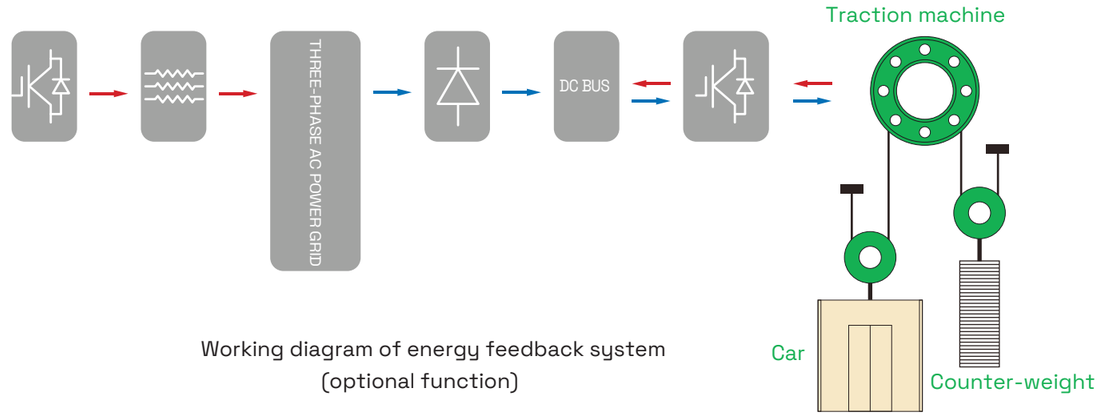
ECOLOGICAL ENVIRONMENT PROTECT

Compared with the traditional braking resistor, NIDEC elevator energy feedback system has the characteristics of energy saving and high effciency.



NIDEC Innovative Technology, Security Consider to be Priority

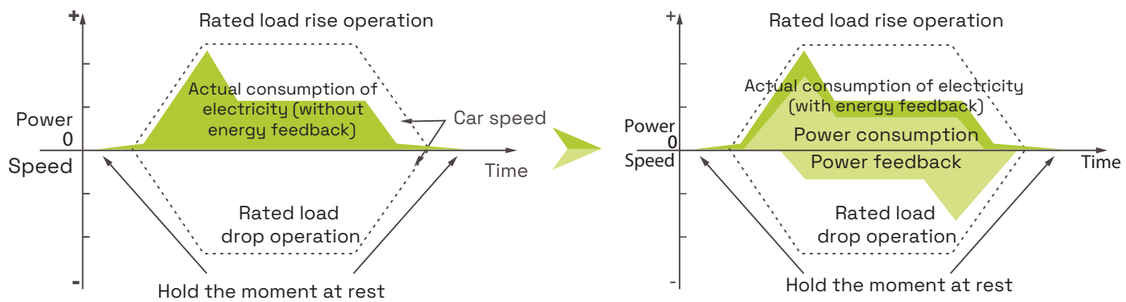
NIDEC elevator remote monitoring system, accurate position control system, sensitive earthquaketesting function, microcomputer control system, the application of all technological innovationembodies NIDEC elevator safety priority principle. Every detail is our intimate care (this function is optional).



Working diagram of energy feedback system (optional function)

Green Energy Saving-Energy Feedback Technology (Optional)

Green Energy Saving-Energy feedback based on double PWM control can feed back the energy consumed by energy consumption resistance to the power grid without pollution, which is more than 30% energy saving compared with the ordinary VVF elevator. Complete satisfaction the relevant national power quality standards.

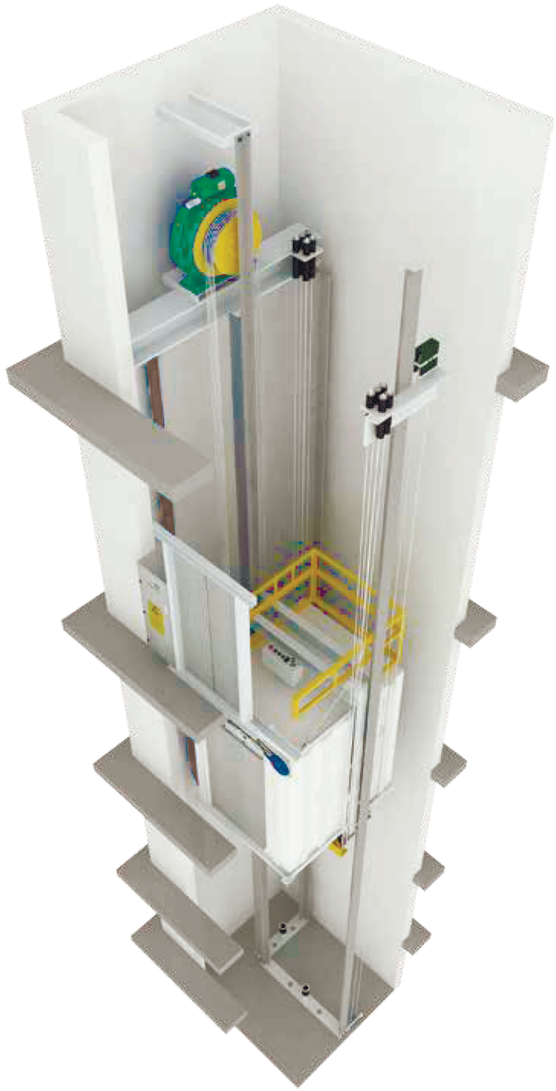


Power consumption with energy feedback function is reduced greatly.

Mini Machine Room and Machine Roomless
Open a New Era of Energy and Material Saving

NIDEC Mini Machine Room Freight Elevators, improve the running effciency of the elevator, become smaller and environment protection, to save your valuable building space and energy.

Compared with the traditional traction machine, SPM (Synchronous Permanent Magnetic) Gearless Mini Machine Room and Machine Roomless Elevator can save around 30% energy and has improved 25% to 30% transmission effciency.



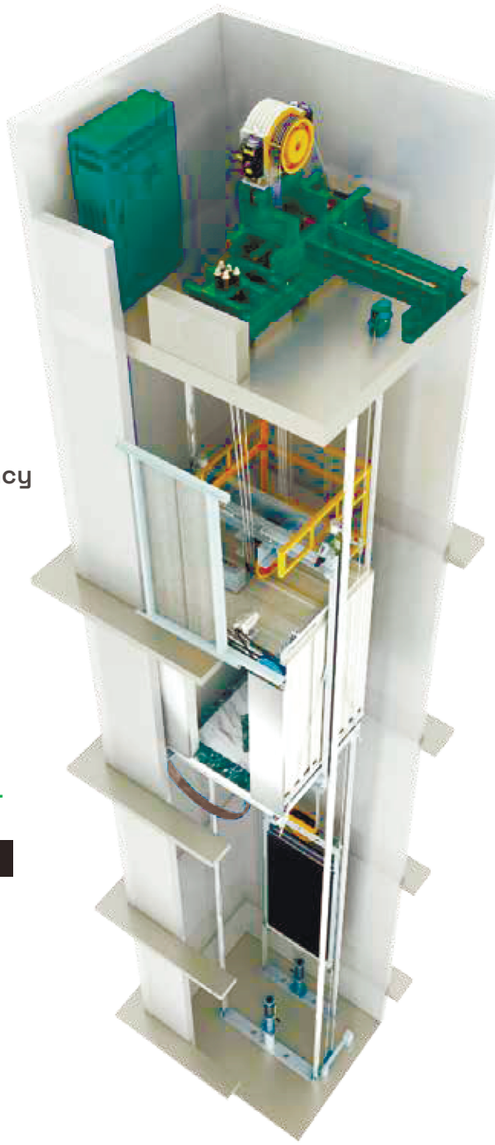
Low noise

Green environmental protection

High effciency and energy saving

Save space

Stable and reliable



Save Building Cost

NIDEC Machine Roomless Freight Elevators can save space of the machine room, to use the architectural space effec-tively. It can also save construction time, material and cost.

Convenient Installation to Improve Effciency

NIDEC Mini Machine Room Freight Elevator struc-ture is compact, light, easy installation and convenient maintenance, can save space greatly and improve the effciency of installation.

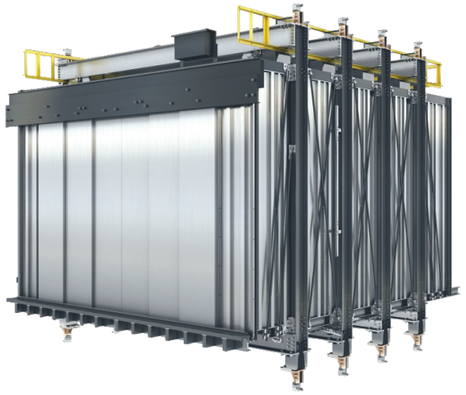
Machine Roomless Freight Elevator

Mini Machine Room Freight Elevafor



FREIGHT ELEVATOR

Nidec freight elevator has reached a new high in power, fully considering the environment and flow of the cargo transportation site, using advanced traction technology, mature and reliable control drive system, and powerful cargo loading performance to create a cargo space for efficient transportation. It is your trustworthy transportation partner and is suitable for all types of freight locations.





High Quality Door Operator System

Adopt the world-class door machine control technology, and maturely apply VVF variable voltage and frequency control technology in the door machine system to ensure control accuracy and improve the sensitivity and stability of door opening.

Strong and Sturdy

The fright elevator car is made of selected high-strength materials. It has high structural strength and corrosion resistance and can easily carry large and heavy cargo. The entire elevator applies the exclusive drive technology and control safety device for freight elevators.

Ultra-high load carrying capacity

The high-strength car base of Nidec freight elevators can handle heavier cargo loads and adapt to the transportation environment and needs of various places.

The multiple door opening modes





N-CAB2409

Ceiling
Hairline stainless steel/Downlight

Side wall
Hairline stainless steel

Rear wall
Hairline stainless steel

Front wall
Hairline stainless steel



N-CAB2410

Ceiling
Painted Steel Plate
Downlight+Fan

Side wall
Painted Steel Plate

Rear wall
Painted Steel Plate

Front wall
Painted Steel Plate

Note: Due to printing reasons, there may be color differences from actual practice, Please refer to the factory sample for accuracy.



N-COP2431

The elevator COP and LOP are simple in shape and very modern. The light-touch buttons are easy to operate. Floors and directions use dot matrix displays or LCD screens, and special numbers can be displayed according to user requirements.

Material: Hairline stainless steel

Display: Dot matrix/Segment/TFT LCD (optional)

Button: Optional

Instalation: Embedded

Standard



Landing Door

There are a wide variety of decorations, colors and materials for landing doors and door frames, and multiple combinations are available to ensure that the elevator design is consistent with the architectural environment.

Door frame : Hairline stainless steel/Painted Steel Plate

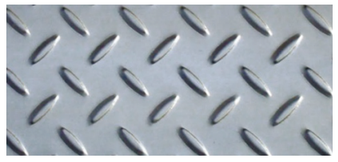
Landing door : Hairline stainless steel/Painted Steel Plate



N-LOP2441

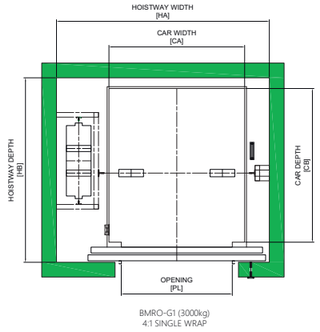
Car Floor

The floor is made of patterned steel plate. It is thick, wear-resistant, anti-collision and anti-slip.



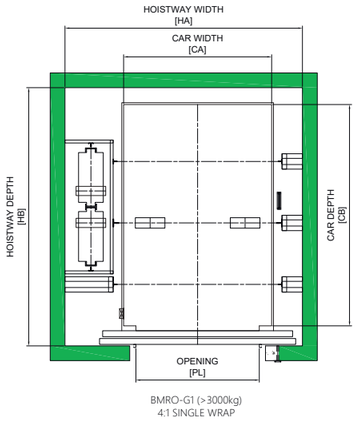
Note: Due to printing reasons, there may be color differences from actual practice, Please refer to the factory sample for accuracy.

MRO, 3000KG, 4:1 single wrapping, counterweight side placement.



BMRO-G1 (3000kg)
4:1 SINGLE WRAP

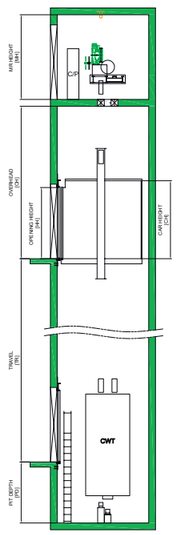
MRO 4000KG, 5000KG, 4:1 single wrapping, counterweight side placement.



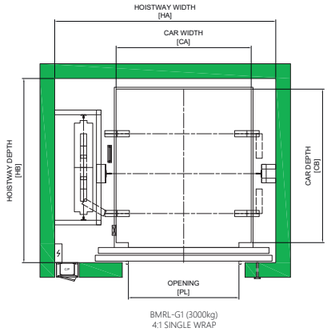
BMRO-G1 (>3000kg)
4:1 SINGLE WRAP

	BMRO-G1							
	CARINTERNAL(mm)			OPENING(mm)			HOISTWAY(mm)	
CAPACITY(kg)	CA	CB	CH	PL	HH	TYPE	HA	HB
3000	2200	2500	2200	1800	2100	4CO	3450	3000
4000	2200	3300	2200	2000	2100	4CO	3850	3700
5000	2400	3600	2200	2200	2100	4CO	4050	4100

BMRO-G1			
CAPACITY(kg)		SPEED(m/s)	
		0.5	1.0
3000	OH(mm)	4200	4200
	PD(mm)	1500	1500
4000	OH(mm)	4200	4200
	PD(mm)	1600	1600
5000	OH(mm)	4200	4200
	PD(mm)	1600	1600

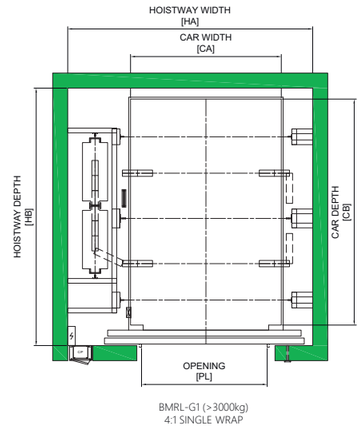


MRL, 3000KG, 4:1 single wrapping, counterweight side placement.



BMRL-G1 (3000kg)
4:1 SINGLE WRAP

MRL 4000KG, 5000KG, 4:1 single wrapping, counterweight side placement.



BMRL-G1 (>3000kg)
4:1 SINGLE WRAP

	BMRL-G1							
	CARINTERNAL(mm)			OPENING(mm)			HOISTWAY(mm)	
CAPACITY(kg)	CA	CB	CH	PL	HH	TYPE	HA	HB
3000	2200	2500	2200	1800	2100	4CO	3500	3000
4000	2200	3300	2200	2000	2100	4CO	3800	3700
5000	2400	3600	2200	2200	2100	4CO	4000	4100

BMRL-G1			
CAPACITY(kg)		SPEED(m/s)	
		0.5	1.0
3000	OH(mm)	4700	4750
	PD(mm)	1600	1600
4000	OH(mm)	5100	5100
	PD(mm)	1700	1700
5000	OH(mm)	5100	5100
	PD(mm)	1700	1700

