

# How to Read this Catalog

## For a pleasant reading experience

The KATO catalog features all products listed in an easily understandable way. For the most efficient way to read this catalog, please see the examples below (some product listings may vary).

### E233系 3000番台

#### 東海道線・上野東京ライン

9 JR
10 首都圏
11 東海道

5
1

**10-1267**

E233系3000番台  
東海道線・上野東京ライン  
基本セット(4両)

¥12,100

**10-1268**

E233系3000番台  
東海道線・上野東京ライン  
増結セットA(4両)

¥8,910

**10-1269**

E233系3000番台  
東海道線・上野東京ライン  
増結セットB(2両)

¥3,410

**10-1270**

E233系3000番台  
東海道線・上野東京ライン  
付属編成セット(5両)

¥15,620

※増結セットA(4両)に動力車は含まれません。  
※増結セットA(4両)のケースには、基本セット(4両)の内容を収納することができます。

※増結セットB(2両)に動力車は含まれません。  
※増結セットB(2両)のケースには、付属編成セット(5両)の内容を収納することができます。

**新たな通勤の動脈を駆け抜ける主役**

- 上野東京ライン開業用に増備された国府津車両センター所属のE16+E66編成をプロトタイプに製品化。新津車両製作所製ボディの特徴的な細部仕様を的確に再現
- 6号車のトイレ関連設備は、窓の配置や床下の汚物処理装置など特徴的な部分を再現
- 上野東京ライン開業時に増備された国府津車両センター所属のE16+E66編成をプロトタイプに製品化
- JR東日本・新津車両製作所製車体の特徴を的確に再現し、屋根上のビードの違いを表現(グリーン車を除く)
- 6号車モハE232-3800番台へのトイレ関連設備の設置を再現。トイレ部の窓なし仕様や床下の汚物処理装置を表現
- 行先表示は「普通 上野東京ライン 東海道線直通」を印刷済とし、交換用の前面行先表示を付属

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★は基本セット(4両)、●は増結セットA(4両)、▲は増結セットB(2両)、◆は付属編成セット(5両)の内容です。

クハE232<sub>3015</sub> モハE232<sub>3415</sub> モハE233<sub>3015</sub> サロE232<sub>3015</sub> サロE233<sub>3015</sub> モハE232<sub>3815</sub> モハE233<sub>3815</sub> モハE232<sub>3016</sub> モハE233<sub>3016</sub> クハE233<sub>3016</sub> クハE232<sub>3500</sub> モハE232<sub>3500</sub> モハE233<sub>3500</sub> サハE233<sub>3500</sub> クハE233<sub>3500</sub>

◀熱海・沼津・小田原・大船 M 東京・上野・宇都宮・高崎▶

※モハE233-3000、モハE233-3600の東京・上野・宇都宮・高崎寄りパンタグラフは通常使用しません。

### ① QR Code

Through the QR code, the KATO website can be directly accessed. There you will find introductions to our items with detailed information and sample products for future items.

### ② Explanation

Here you can find detailed explanations on the prototypes and the products (models).

### ③ Item Number

Every product (model) has its own distinct item number.

### ④ Item Description

Every product (model) has its own distinct item name.

### ⑤ Standard Equipment / Marker for Optional Parts

Here you will find the initially equipped functions as well as optional parts.

### ⑦ Price

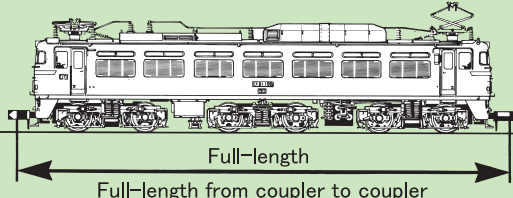
The standard price as it is displayed includes 10% Japanese consumer tax. It might change without warning because of changes in specifications, etc.

### ⑧ Train Formation

### ⑪ Best Selection

KATO's recommendations for trains found in action all over Japan.

### ⑥ Full-Length Image



### ● Typical Electricity Consumption (when using 12V DC)

● Power car with motor	0.15A ※
● Vehicle with headlights/taillights (bulb)	0.06A
● Vehicle with headlights/taillights (LED)	0.02A
● Device to change train mark	0.06A
● Interior lights (bulb)	0.06A
● Interior lights (LED)	0.035A

※ Might deviate slightly depending on the type of vehicle and time of production.

## ⑨ Train Icon

The train icon indicates which company the vehicle belongs to.

Models whose prototype is a train from the JNR era will be indicated as "JNR". JNR trains that were updated or repainted after the establishment of the JR will be indicated as belonging to the respective JR branch.

※The entries in this catalog are based on the area of operations as of the time the catalog was issued (December 2022). Please note that not all extra train operations or the latest areas of operation will be reflected.

<b>JR</b>	JR Hokkaido Train
<b>JR</b>	JR East Train
<b>JR</b>	JR Central Train
<b>JR</b>	JR West Train
<b>JR</b>	JR Shikoku Train
<b>JR</b>	JR Kyushu Train
<b>私鉄</b>	Private Railway/Third Sector Train
<b>国鉄</b>	JNR Train
<b>JR貨</b>	JR Freight JR Freight Train

※ JR : Japan Railways

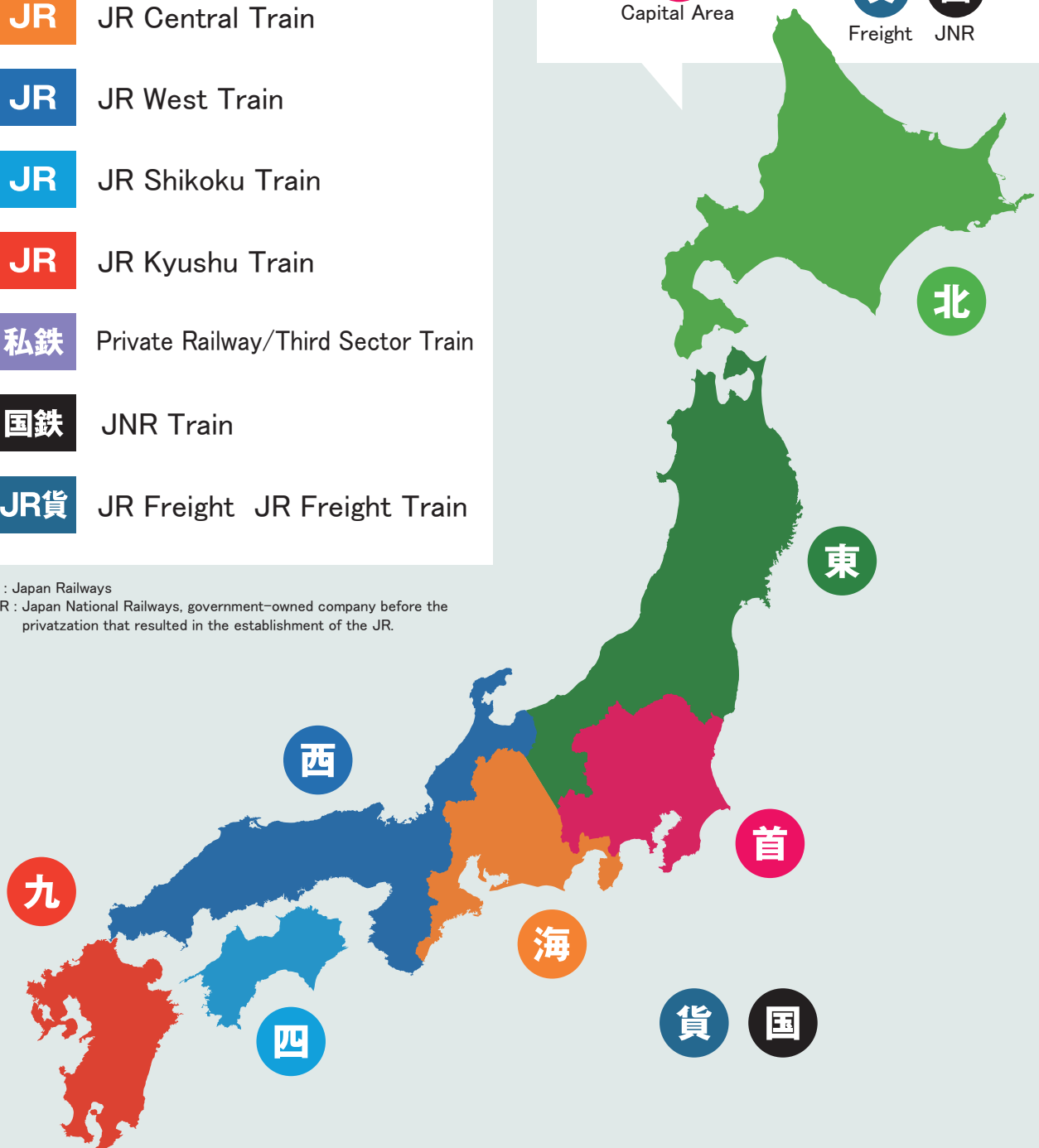
※ JNR : Japan National Railways, government-owned company before the privatization that resulted in the establishment of the JR.

## ⑩ Area Icon

This icon indicates the area in which a train mainly operates or used to operate. If there is an overlap in areas, several icons will be displayed.

Since the JNR limited expresses covered a wide area, they will simply be indicated with the JNR icon.

As freight trains (excluding area-exclusive freight trains) cover the entire country, they will simply be indicated with the freight icon.



How to Read Article Numbers

KATO's products are separated by group and organized by article number as shown below.

N Scale	Steam Locomotive		2000~
	Electric Locomotive		3000~
	Electric Train		4000~
	Passenger Car		5000~
	Diesel Railcar		6000~
	Diesel Locomotive		7000~
	Freight Car		8000~
	Train Set		10-000~
	Train Accessory Parts		11-000~
	Train (JNR/JR)		
Train (except JR)		12-000 18-000	
Railway Track	UNITRACK	20-000~	
	Fixed Railway Track	21-000~	
Control Equipment	Power Pack, etc.	22-000~	
Layout	Structure	23-000~	
	Items for Layouts	24-000~	
	Printed Matter	25-000~	
Tramway	UNITRAM	40-000~	

HO Scale	Steam Locomotive		1-200~
	Electric Locomotive		1-300~
	Electric Train		1-400~
	Passenger Car		1-500~
	Diesel Railcar		1-600~
	Diesel Locomotive		1-700~
	Freight Car		1-800~
	Set		3-000~
	Railway Track		HO UNITRACK 2-000~
	Layout		
Layout	Structure	5-000~	
	Items for Layouts	6-000~	
	Parts for Railroad Vehicles	7-000~	

※Power packs for N gauge can also be used to operate a KATO HO gauge vehicle.

Others	STEAM Series	25-900~
	Animal Figures	6-601~
	00-9 Trains	51-200~

Icon Explanation

The standard equipment and optional parts of all KATO products are indicated with the below icons.

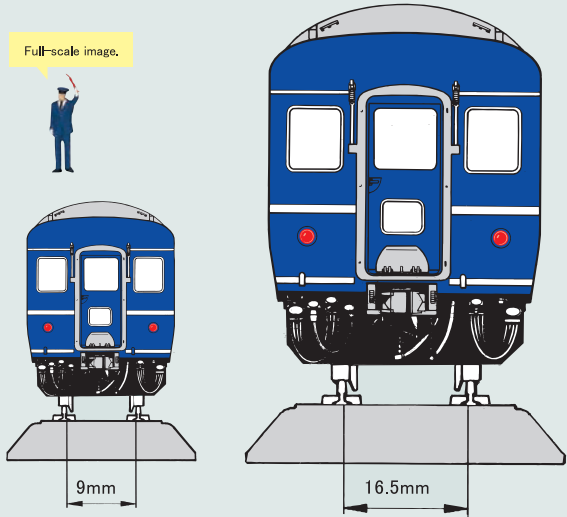
※The number following the "optional parts" icon indicates that optional part's item number (depending on the available space and train type, some numbers might not be displayed).

※The Arnold Coupler for N gauge and the KATO Coupler for HO gauge are not listed separately if they are standard equipment.

Standard Equipment		*Includes optional parts	
	Power Unit with Motor		Destination Sticker etc. (single items only)
	Flywheel		KATO Janney Coupler
	Suspension Unit		KATO Coupler Tight Lock Type Automatic Coupler
	Headlight Illumination		KATO Coupler N
	Taillight Illumination		KATO Coupler Tight Lock Coupler
	Device to change illuminated train marks		KATO Coupler Tight Lock Coupler (New) for old JNR train models
	Interior Illumination		KATO Coupler Tight Lock Coupler #2 for New Performance Trains (JNR trains with one main controller which controls 8 main motors for 2 cars)
	Lamp Shade Illumination		KATO Coupler Tight Lock Coupler (with Jumper Tube)
	Train Mark/ Quick Head Mark		KATO Coupler N JP
	Coupler for Double Heading		Vorderer Kupplungsmechanismus (Open-Nose-Kupplung)
	Choosable Number Plate		Front Coupling Unit (Open-Nose Coupler)
	Head Mark Sticker/Rear Mark Sticker, Signboard		Double-Headed Janney Coupler
OP Optional Parts (sold separately)			
	Interior Lights Set		KATO Coupler Tight Lock Coupler
	Device to change illuminated train marks		KATO Coupler Tight Lock Coupler (with Jumper Tube)
	Add-On Bogie		KATO Coupler N JP
	Magnetic Coupler		Green Car (First-Class JR) Sticker Set with Mark Letterings
	KATO Coupler N		Train Mark Set/Rear Sign Set
	DCC Decoder*	*The DCC icon indicates a vehicle that supports simple KATO plug-in decoders. No DCC mark does not mean that a vehicle can not be digitalized but modification of the wiring and circuit board is necessary. Please see a3D for more information on DCC friendly decoders.	
	Unitrack Compact Compatible		Soundbox Compatible

About N Gauge (left) and HO Gauge (right) Scales

KATO's N/HO gauge train models follow the international standard, according to which the gauge (inner distance between two rails) is 9mm for N gauge and 16.5mm for HO, and the typical electric system for running a vehicle of either gauge uses two-wire 12V DC. A vehicle's scales are generally as listed below.



Type	Japanese type		Foreign type		
	Conventional train line	Shinkansen	European Type	American Type	British Type
N Scale (9mm)	1/150	1/160	1/160*	1/160	1/148
HO Scale (16.5mm)	1/80	1/87	1/87	1/87	1/76

※ The scale of the Rhaetische Bahn Series is 1/150 (e.g. Glacier Express).