



## Brief Instructions



# DriveConfigurator

## The Product Configurator from SEW-EURODRIVE



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## **1 Introduction to DriveConfigurator**

### **1.1 What is DriveConfigurator?**

DriveConfigurator is the ideal online product configurator for reliable and fast selection of drive components.

You can access DriveConfigurator from the SEW-EURODRIVE homepage via the menu item "Online Support".

With only a few clicks, you can select your product and add it to the shopping cart. You can order the selected products directly or save the shopping cart as template to either share it with other authorized persons or for later use.

### **1.2 How do customers benefit from DriveConfigurator?**

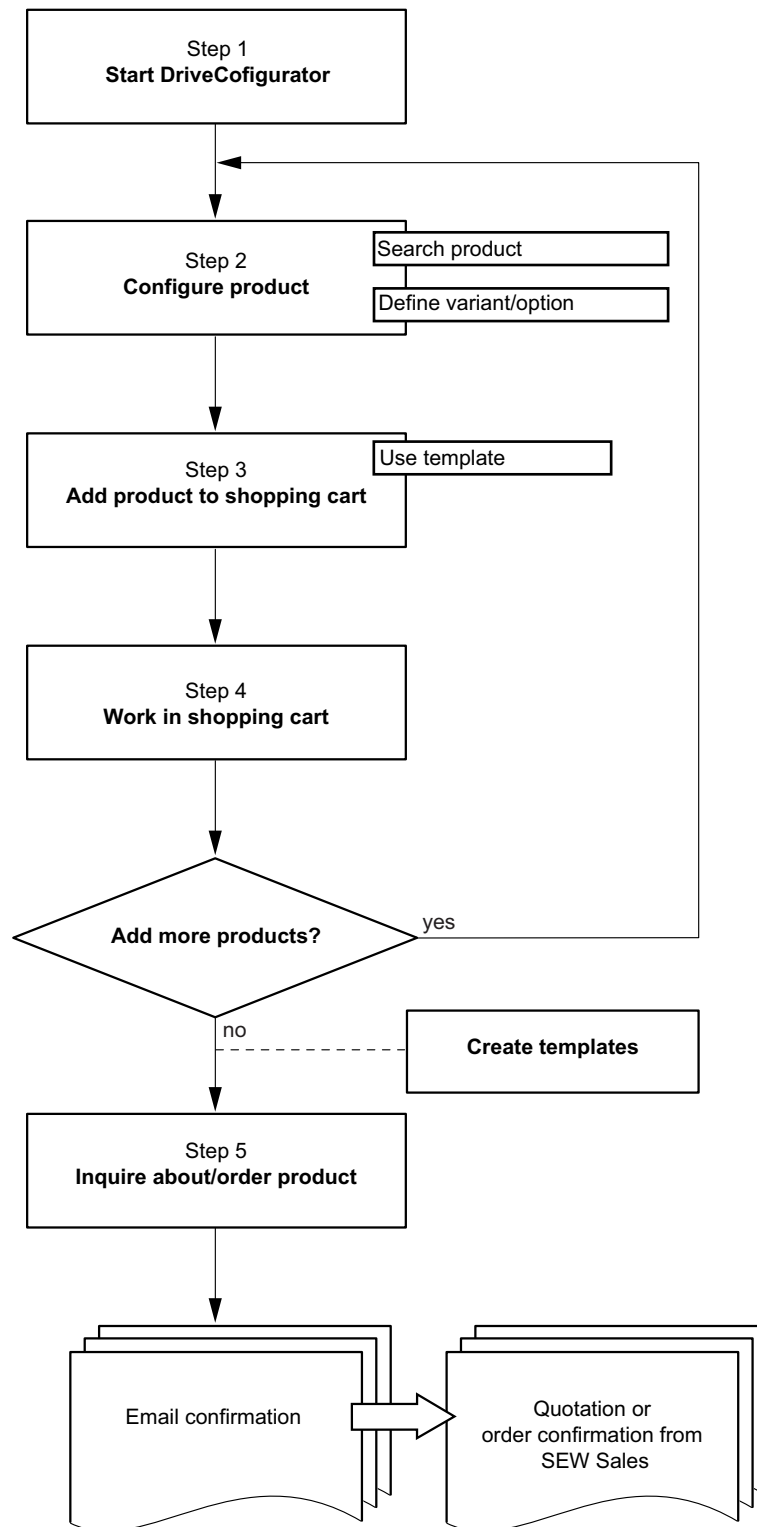
The DriveConfigurator offers the following advantages:

- Simple and guided online configuration of products
- Individual adaptation thanks to user options for search tolerances, and region-specific measurement systems
- 3D preview of your configured product
- Efficiency thanks to the possibility of saving shopping carts
- CAD data and documentation are available directly in the shopping cart

### 1.3 How to use DriveConfigurator?

1

The following flowchart shows you how to configure and order a required product or request a quotation from SEW in 5 steps.



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The individual steps are described in detail on the following pages.

## 2 Five steps to your quotation or order

### INFORMATION



It is not necessary to log in on the SEW-EURODRIVE homepage if you only want to configure a product. To order, request a quotation or save the shopping cart, you must be logged in.

If you have not yet registered, you can do so at the end of the configuration.

#### Quick access bar

The quick access bar on the right allows you to easily access the most important tasks.

##### → **Contact SEW-EURODRIVE**

Move with the mouse pointer over the telephone icon. A window opens with different option how to contact SEW-EURODRIVE. Search for the nearest SEW-EURODRIVE subsidiary by entering the postal code or complete the contact form.

##### → **Data and documents**

Use the icon in the middle to access all available data and documents from SEW-EURODRIVE.

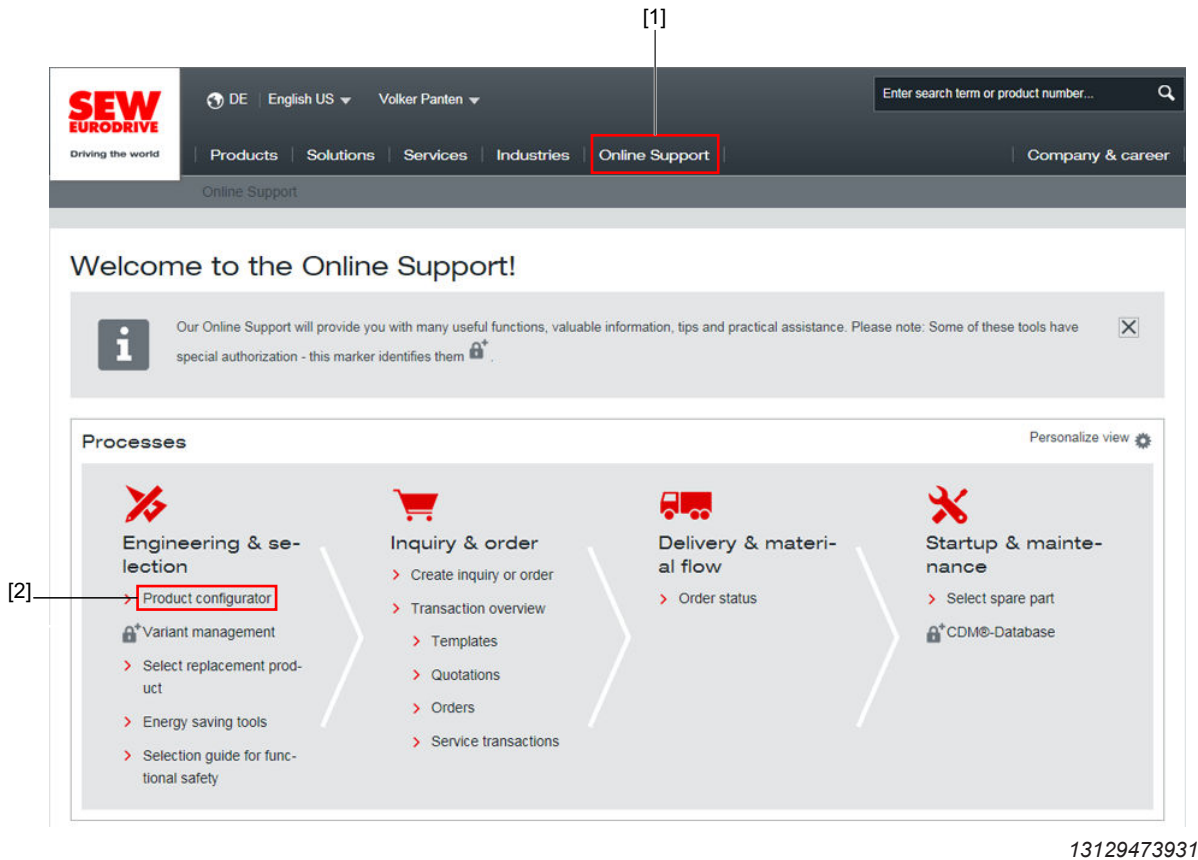
##### → **Shopping cart**

Use the shopping cart button and choose whether you want to open the shopping cart or add a product to it.



### 3 Step 1: Start product configuration

You will find the product configurator in the "Online Support" in the "Processes" group under "Engineering & Selection".



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[1] Link to online support

[2] Link to DriveConfigurator

1. To start, click the "Product configurator" button [2].

⇒ DriveConfigurator opens.

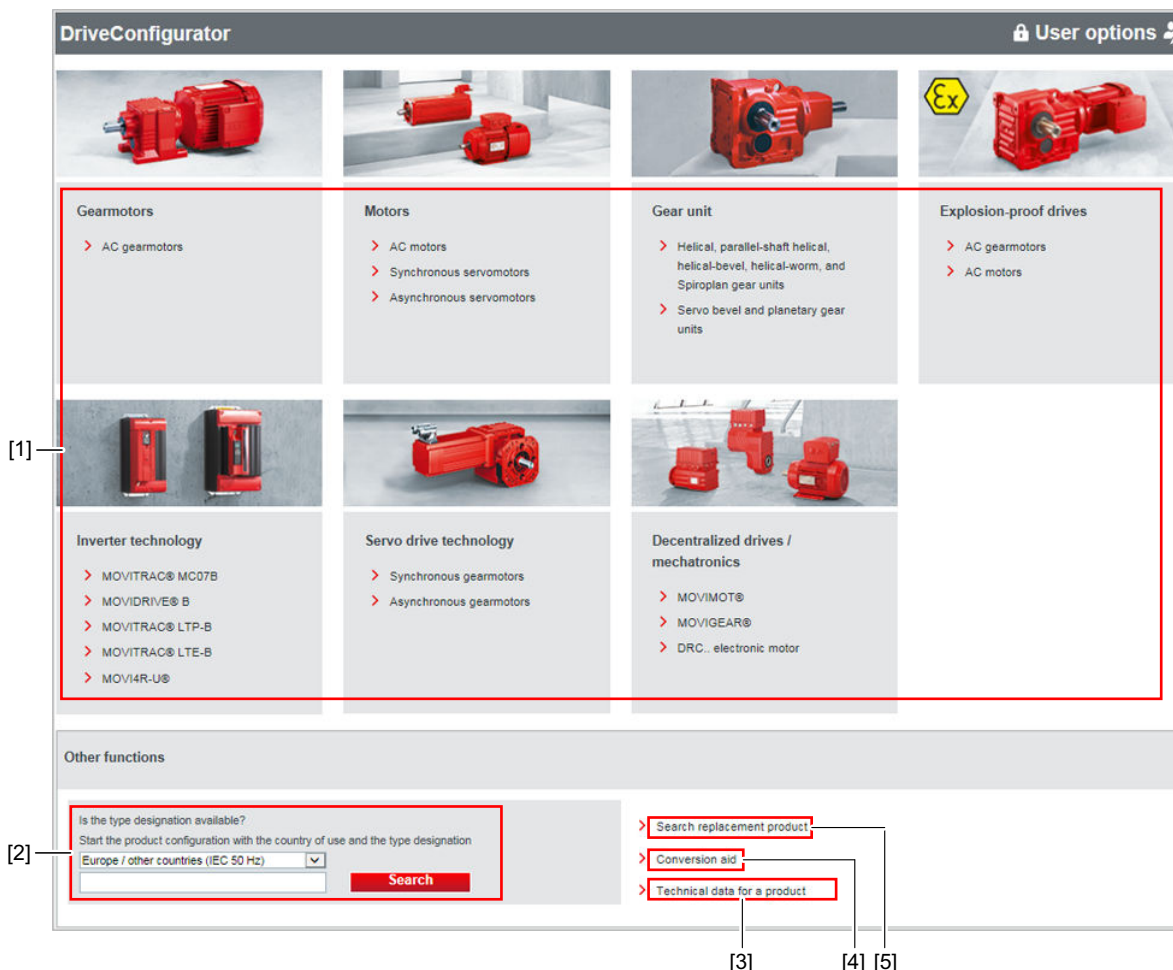
# 4 Step 2: Configuring the product

## Starting product selection

## 4 Step 2: Configuring the product

### 4.1 Starting product selection

The configuration starts with the following window:



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[1] Product groups in DriveConfigurator

[2] Search by type designation

[3] Search for technical data of a product; see chapter "Technical data of a product" (→ 21).

[4] Link to the conversion aid for conversion to motors with higher energy efficiency class; see chapter "Conversion aid for conversion to motors with higher energy efficiency class" (→ 21).

[5] Link for selecting replacement products and spare parts; see chapter "Ordering or inquiring about replacement products or spare parts" (→ 20).

Start the configuration in DriveConfigurator either by selecting a product group or, if you already know the type designation, by entering the type designation into the search field in the "Other functions" group [3]. Both options are described in the following chapters.

#### 4.1.1 Starting product configuration by selecting a product group

1. Click on the required product group [1] in DriveConfigurator.
- ⇒ A window opens to search for products.

#### 4.1.2 Starting product configuration with a type designation

1. Enter the type designation into the edit box in the "Other functions" group [2].
  2. Click [Search].
- ⇒ A window opens to search for products. The search results show all products with this type designation.

## 4.2 Product search

### INFORMATION



- The number of configuration steps and the product characteristics to be selected depend on the selected product. The following example shows the configuration of an AC gearmotor.

**DriveConfigurator** R37DRE90L4

[2] **Product selection** 1 Search > 2 Variants > 3 Options > 4 Summary

[3] **Search**

Gear unit design: R = helical gear unit

Motor type: DR - AC motor

Country of use: Europe / other countries (IEC 50 Hz)

Motor power P [kW] / Torque Ma [Nm]: 1.5 /

Output speed na [1/min]: 77

Service factor fB: 1.1

International efficiency class (IE): IE2 - High Efficiency

Number of poles: 4-pole

Duration factor: S1-100%

Motor in aseptic design: ☐

Especially low output speeds: ☐

Frequency inverter operation: ☐

[4] **User options**

[6] **Next**

[1] **Search criteria**

[5] **Search results**

Designation	Efficiency class	P [kW]	na [1/min]	Ma [Nm]	i	fB	nMot [1/min]	Cyclic duration factor
R37DRE90L4	IE2	1.5	79	181	18.05	1.1	1430	S1-100%
R37DRE90L4	IE2	1.5	74	193	19.31	1.05	1430	S1-100%
R47DRE90L4	IE2	1.5	74	193	19.27	1.55	1430	S1-100%
R47DRE90L4	IE2	1.5	66	220	21.81	1.35	1430	S1-100%
R47DRE90L4	IE2	1.5	80	179	17.89	1.6	1430	S1-100%
R37DRE90L4	IE2	1.5	92	156	15.6	1.3	1430	S1-100%
R47DRE90L4	IE2	1.5	88	162	16.22	1.7	1430	S1-100%
R27DRE90L4	IE2	1.5	108	133	13.28	1	1430	S1-100%
R37DRE90L4	IE2	1.5	108	133	13.25	1.45	1430	S1-100%
R57DRE90L4	IE2	1.5	65	220	21.93	2	1430	S1-100%

Number of lines: 10

1 2 3 4 > |

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- [1] Search criteria
- [2] Navigation bar
- [3] Type designation

- [4] Preview of the selected design
- [5] Search results
- [6] Link to the user options; see chapter "User options" (→ 19).

1. Define the characteristics of the searched product in the search criteria [1].  
⇒ The results list only shows products with the selected search criteria.
2. Select the product from the result list that fulfills your needs.  
⇒ A window for defining the product design appears.

## INFORMATION

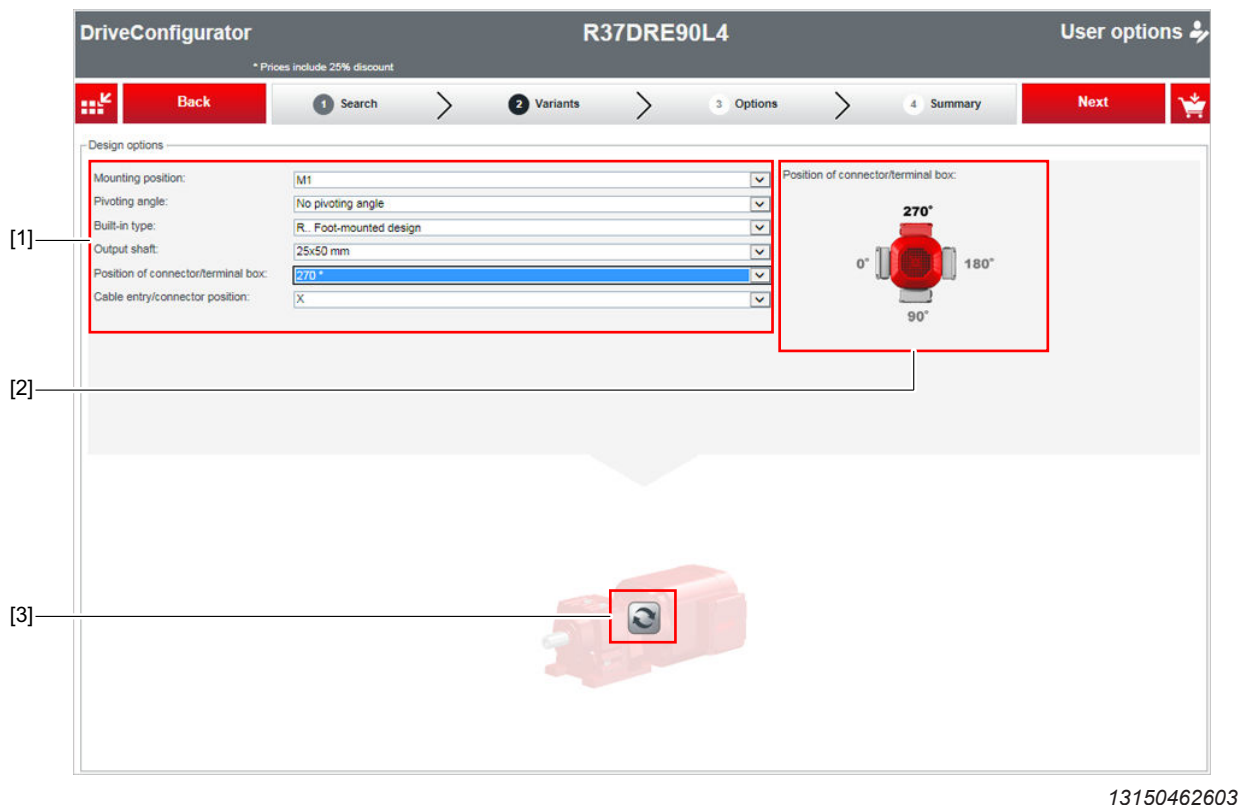


You can influence the product search in the user options [6] by defining search tolerances/tolerance ranges for the characteristics in the "DriveConfigurator parameters" window.

You must be logged in to use the user options; see chapter "Setting user options" (→ 19).

### 4.3 Determining the design

In the following window, you can determine the gearmotor design:



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[1] Dropdown lists for design characteristics

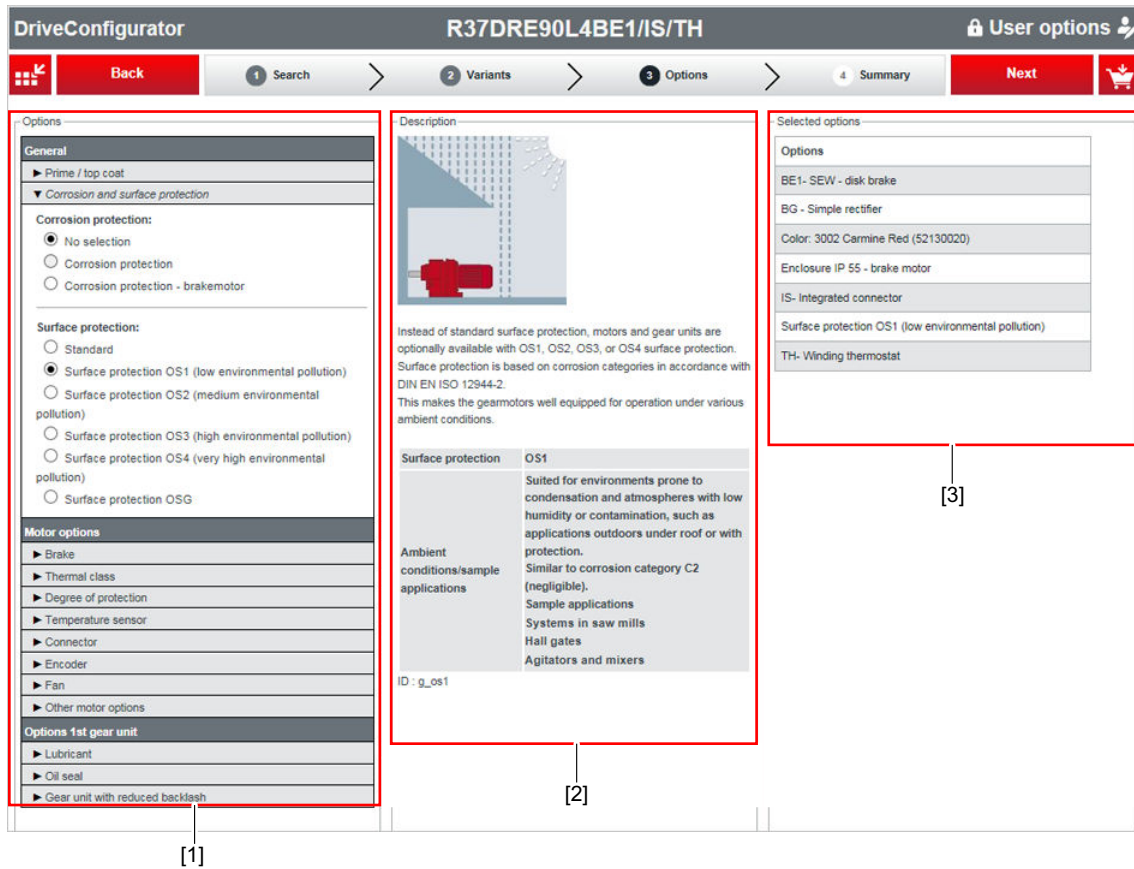
[2] Preview for assistance during selection

[3] Button to refresh the preview of the current configuration

1. Set the design characteristics in the drop-down lists [1].  
⇒ Depending on the selected design characteristics, a preview [2] is displayed next to the drop-down lists to assist you during selection.
2. Click the "Refresh" button [3] to get a preview of the current configuration.
3. When all design characteristics are set, click the [Next] button in the navigation bar to switch to the options selection.

## 4.4 Selecting options

The following window opens for selecting options:



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- [1] Select the options [3] List of selected options  
[2] Description of the active option

1. Select the required option [1].
  - ⇒ In the "Description" group [2], additional information on the selected option is displayed.
  - ⇒ All selected options are listed in the "Selected options" group [3]. Click on the options to display the description again.
2. If you selected all required options, click the [Next] button in the navigation bar to switch to the "Summary" window.

# 4 Step 2: Configuring the product

## Summary of the configuration

### 4.5 Summary of the configuration

The "Summary" window contains the following information:

**DriveConfigurator** R37DRE90L4BE1/IS/TH **User options**

**Back** 1 Search > 2 Variants > 3 Options > 4 Summary **Complete**

**[1] Technical data**  
R37DRE90L4BE1/IS/TH

Characteristic	Value	Unit
Rated motor speed	1430	1/min
Output speed	79	1/min
Overall gear ratio	18,05	
Output torque	181	Nm
Service factor SEW-FB	1,10	
input mounting position/IM	M1	
Position of connector/terminal box	270 °	
Cable entry/connector position	X	
Output shaft	25x50	mm
Permitted output overhung load with n=1400	2880	N
Lubricant quantity 1st gear unit	0,3	Liter
Motor power	1,5	kW
Duration factor	S1-100%	
Efficiency class	IE2	
Efficiency (50/75/100% Pn)	83,5 / 84,7 / 84	%
CE mark	Yes	
Motor voltage	230/400	V
Wiring diagram	R13	
Frequency	50	Hz
Rated current	5,8 / 3,35	A
Cos Phi	0,77	
Thermal class	130(B)	

**[2] Product preview**

**[3] Functions in shopping cart**

- CAD data
- Technical documentation
- Save as template
- Request product
- Order product

**[4] Reference data**

Your material number

Comment

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[1] Technical data<sup>1) 2)</sup>

[3] Preview of functions in shopping cart

[2] Product preview

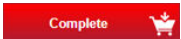
[4] Reference data

1) Technical data must be confirmed in a final technical verification. This verification is performed when creating the quotation.

2) For the exact net weight, refer to the order confirmation. The real weight may differ from that mentioned on the order confirmation for technical reasons.

In the "Reference data" group [4], you can enter your reference data such as material number or a comment regarding a product. The data will be used for the quotation or order process.

## 5 Step 3: Adding a product to the shopping basket

1.  Click [Complete] in the navigation bar to add the product to your shopping cart.  
⇒ The "Shopping cart" window opens with the added product.

## 6 Step 4: Working in the shopping basket

### 6.1 Setting quantity and adding documents

#### INFORMATION



To order, request a quotation or save the shopping cart as template, you must be logged in. If you are not logged in, the login window opens in the next step where you can register and log in.

The screenshot shows the 'Shopping cart' interface. At the top is a tab labeled '1 Your selection'. Below this are two main sections: 'Reference data' on the left and 'Your message to us' on the right. The 'Reference data' section contains two input fields: 'Inquiry or order reference \*' (callout [1]) and 'Your project reference'. Below these is a 'More reference data' button. The 'Your message to us' section contains a 'Comments' text area (callout [2]). Below these sections is a red task bar (callout [3]) with buttons: 'Add product', 'CAD / documentation package', 'Save template', 'Order', and 'Inquire'. At the bottom is a product list table (callout [4]) with columns: 'Preview', 'Pos.', 'Item', and 'Quantity'. The table contains one row for 'AC gearmotor R37DRE90L4BE1/IS/TH' with position '100'. The 'Quantity' column shows a value of '1' and several icons for actions like download, CAD, technical data, and edit. At the bottom right of the table are 'Order' and 'Inquire' buttons.

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[1] Edit boxes for reference data

[3] Task bar

[2] Edit box for a message to SEW

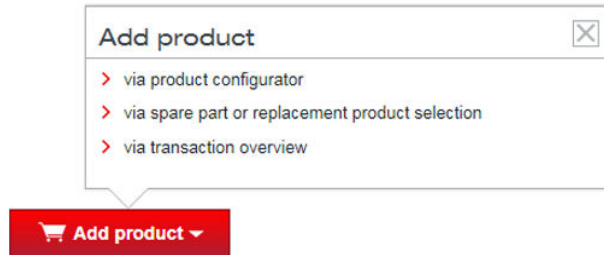
[4] Product list

1. Enter your reference data [1]. For additional reference data edit boxes, click "More reference data".
2. If necessary, enter a message to SEW-EURODRIVE [2].
3. Enter the order quantity in the product list [4].
4. Download selected documentation for the product by clicking the "Technical documentations" button or send a download link.
5. Download the CAD data for the product in the needed format by clicking the "CAD data" button or send a download link.
6. Use to "Technical data" button to see the technical data of the product. If needed, choose a different language or download information in different formats or send a download link.
7. To change the configuration of the product, click the "Edit" button.

## 6.2 Adding more products to the shopping cart

1. Click the [Add product] button in the task bar to add another product to the shopping cart.

⇒ The following drop-down list appears:



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2. Select how you want to add the product:

### 6.2.1 Adding product via DriveConfigurator

1. Select the entry "Via product configurator".  
⇒ The start window of the product configurator opens.

### 6.2.2 Adding product via spare part or replacement product selection

1. Select the entry "Via spare part or replacement product selection".  
⇒ The search mask for replacement products and spare part opens.
2. Enter a serial number, part number, SEW designation, or the document number of a spare parts list into the search mask.
3. Select the required product and add it to the shopping cart using the respective button.

# 6 Step 4: Working in the shopping basket

Adding more products to the shopping cart

## 6.2.3 Adding product via transaction overview

1. Select the entry "via transaction overview".

⇒ The "Transaction overview" window opens.

Transaction overview [1]

**Search**

Search criteria

SEW transaction no.

Please select

Period

Last 6 months

☒ Reset all filters

**Orders (8)** Quotations (14) Service transactions (0) Templates (9)

	SEW or- der no.	Customer no.	Company name	Your employee	Order reference	Created on	Order status
<input checked="" type="checkbox"/>	71533082	16062174		John Doe	BEST. NR. 08154755 BEST. NR. 08154755	29.08.2014	Open
<input type="checkbox"/>	71533076	16062174	Demo-Account	John Doe	BEST. NR. 47110852	02.09.2014	Open
<input type="checkbox"/>	71533074	16062174	Demo-Account	John Doe	BEST. NR. 47110816	29.08.2014	Partially deliver
<input type="checkbox"/>	71532816	16062174	Demo-Account	John Doe	FI-Order	21.08.2014	Partially deliver

You selected 2 item(s) from 1 selected order(s). You can perform the following actions:

**71533082: Demo-Account (Online Supp...**

	P...	Main item	Your material no.	SEW mate- rial no.	SEW type designa- tion	Quan- tity	Item status	Documentation
<input checked="" type="checkbox"/>	100		47110860	SEW	KA47 DRE80M4	1	Being assembled	
<input checked="" type="checkbox"/>	200		47110861	SEW	KA67 DRE90M4BE2	1	Packaged	

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[1] Tab for different transactions

[4] Transaction details

[2] Transaction list

[5] Search mask

[3] Task bar

2. Select whether you want to select a product from an order, a quotation, or from a template by clicking the respective tab [1]. As an alternative, use the search mask on the left side [5].

3. Select the transaction with the required product in the transaction list [2].

⇒ The products of this transaction are displayed in the transaction details [4].

4. Select the products you want to add to the shopping cart.

5. Click the [Inquire/Order] button in the task bar [3] to add the product to the shopping cart.

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### 6.3 Save shopping cart as template

Use the [Save template] to save the content of the shopping cart in the transaction overview for later use. You can use the template later to order the products, request a quotation, send a link to the template, or edit the products in the template. To open the link, you have to be logged in.

1. Click the [Save template] button in the navigation bar.  
⇒ The "Save template" window opens.
2. Enter a template name and choose whether it is a private or a company-wide template. Private templates can only be seen by you. Company-wide templates can be seen by all Online Support users of your company.
3. Save the template by clicking the [Save template] button.

6

### 6.4 Forwarding a shopping cart

Send a link leading to the products in the shopping cart. The content is saved as a template first.

1. Click the [forward] button in the navigation bar.  
⇒ The "Forward" window opens.
2. Enter a template name.
3. Click [Save template & forward].  
⇒ The email client opens a new message with a link to the template. The person how receives the email must be logged in to open the link.
4. Enter a recipient and, if required, enter a message. Then send the message.

## 7 Step 5: Inquiring about or ordering a product

The shopping cart contains all required products. You can order the products or request a quotation from SEW-EURODRIVE.

### 7.1 Ordering products

1. Make sure you entered an "inquiry or order reference".
2. Click [Order].
  - ⇒ The "Delivery information" window opens.
3. Select a delivery address or enter a new one.
4. Enter the desired delivery date.
5. Click the [Order now] button to complete the order.
  - ⇒ The order is sent.
  - ⇒ The "Confirmation" window opens.
  - ⇒ You will receive a confirmation of receipt via email with all details concerning your order. As usual, you will receive the order confirmation after the order was processed in the Sales department.

### 7.2 Inquiring about products

1. Make sure you entered an "inquiry or order reference".
2. Click [Inquiry].
  - ⇒ The "Delivery information" window opens.
3. Select a delivery address or enter a new one.
4. Enter the desired delivery date if necessary.
5. Click the [Send inquiry] button to send the inquiry.
  - ⇒ Your inquiry is sent.
  - ⇒ The "Confirmation" window opens.
  - ⇒ You will receive a confirmation of receipt via email with all details concerning your inquiry. As usual, you will receive the quotation after the inquiry was processed in the Sales department.

## 8 Other functions

### 8.1 Setting user options

You will find the link to the user options in the upper part of the DriveConfigurator window. You have to be logged in to use the user options.

Data and documents

CAD data

DriveConfigurator

SEW Workbench

Close

User options for the DriveConfigurator

Here, you can change the minimum and maximum tolerances (in %) of your search criteria. The tolerance always refers to the value that you have entered for the search.

Minimum service factor

20

%

Max. service factor

200

%

Min. torque

20

%

Max. torque

100

%

Min. speed

20

%

Max. drive speed

50

%

Min. gear ratio

20

%

Max. gear ratio

50

%

Min. power

20

%

Max. power

50

%

☒ Only display motors with standard output

Reset to standard

Here, you can select the system of units:

Scale system

Metric system

Standard shaft

Metric system

Here, you can add a discount manually to the gross prices in the DriveConfigurator.

Discount

25

Currency

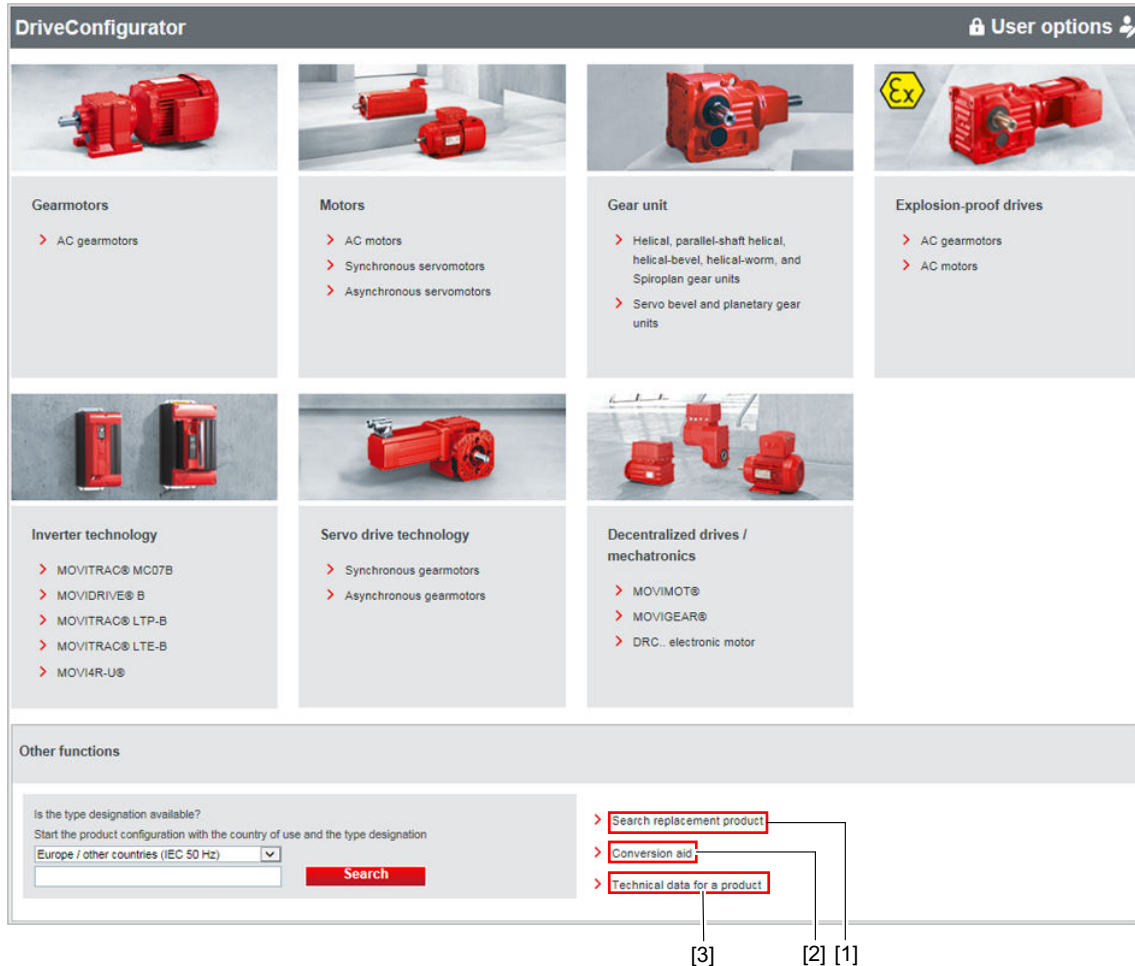
Euro

13344601227

Here you can adjust the user options for the DriveConfigurator to your needs: Set tolerance ranges for the product search, select the needed units of measurement, or change other settings.

## 8.2 Selecting replacement products or spare parts

You will find the link to the search for replacement products or spare parts on the start screen of the DriveConfigurator in the "Other functions" group or on the home page of the Online Support via "Select replacement product" and "Select spare part".



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[1] Link to the search for replacement products/ spare parts

[3] Link to search mask for technical data

[2] Link to conversion aid for conversion to motors with higher energy efficiency class

1. Click on the link "Search replacement product".  
⇒ The search mask for replacement products and spare part opens.
2. Enter a serial number, part number, SEW designation, or the document number of a spare parts list into the search mask.
3. Select the required product and add it to the shopping cart using the respective button.  
⇒ A window opens where you can add more products to the shopping cart or complete the process by requesting a quotation or send an order.
4. Choose whether you want to add another product or switch to the shopping cart.

### 8.3 Conversion aid for conversion to motors with higher energy efficiency class

The conversion aid supports you in the search for a motor with a higher energy efficiency class.

1. Click "Conversion aid" [2] in "Other functions".  
⇒ The "Conversion aid" window opens.
2. Select the country of use and the motor data of the motor to be replaced.
3. Click [Compare].  
⇒ A results list shows motors with higher energy efficiency and their technical data.

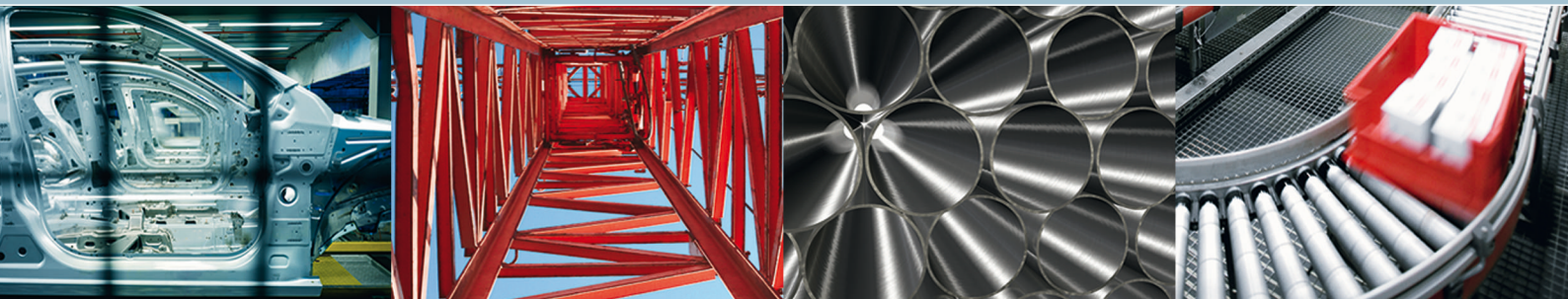
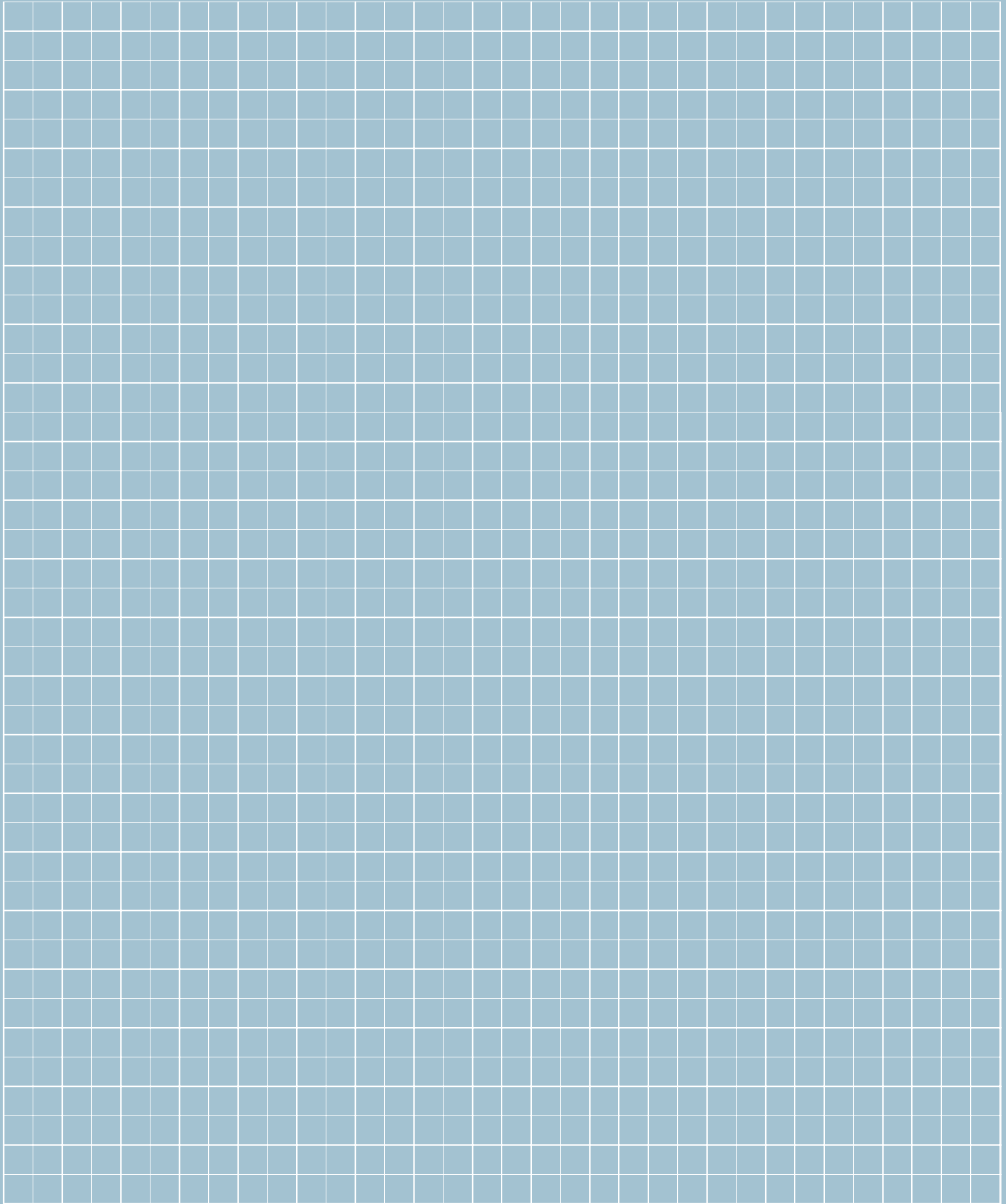
8

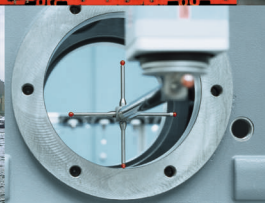
### 8.4 Technical data of a product

Use the search mask to get the technical data of a product to check, forward, or download them.

1. Click "Technical data of a product" [3] in "Other functions".  
⇒ The search mask for replacement products opens.
2. Enter the serial number, quotation number, or order confirmation number.  
⇒ Technical data of the product are displayed. You can check, forward or download them.







**SEW-EURODRIVE**  
Driving the world

**SEW**  
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