

Configuration Guide

Product configuration in



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CHANGE CONFIGURATION



1. Predefined standard product

Configurations in Grundfos Product Center always start with finding a predefined standard product.

Size or select a standard product as you normally would do in Grundfos Product Center. The important thing at this point is to find the right hydraulic version for your configuration.

2. Change Configuration

On the product detail page, you will on the “Specification tab” find the “CHANGE CONFIGURATION” button (see figure below).

CRI 20-5 A-P-I-E-HQQE - 96500539

ADD TO SHOPPING CART EXPORT TO ADD TO PROJECT PRINT / PDF

Performance curve
Product photo
Dimensional Drawing
Motor curve
Wiring Diagram
Spare parts
3D

Curve settings
Operating point: Do not show duty point
Fluid: Pumped liquid: Water, Liquid temperature during operation: 20 °C
Curve types: Power curves P1, Power curves P2, NPSH, Eta, Iso eta curve, Tolerance
Show advanced options

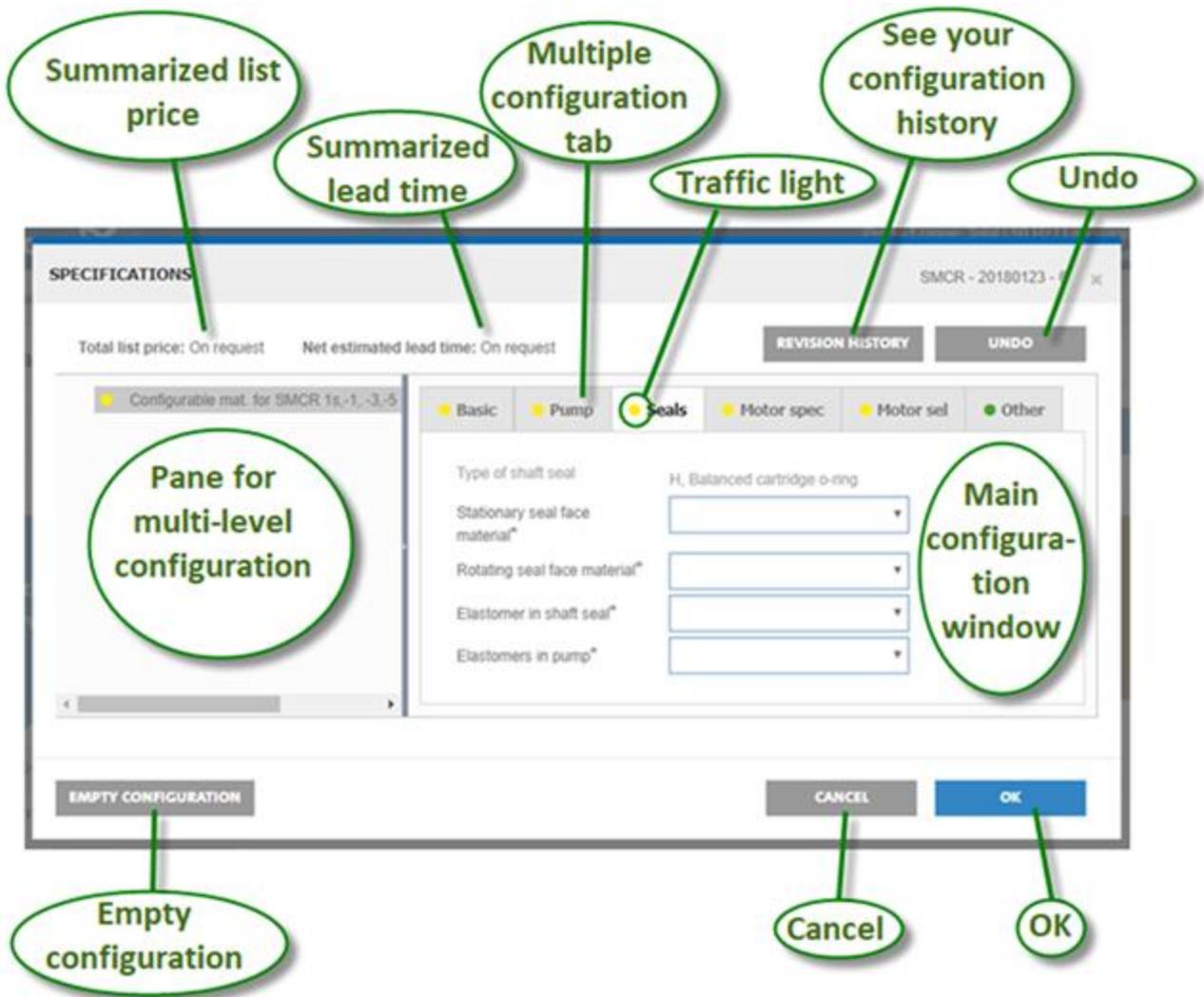
Specifications Quotation Text Videos (2) Documents (48) CAD drawings System parts Sizing result

Specifications		Installation	
Product name	CRI 20-5 A-P-I-E-HQQE	Maximum ambient temperature	60 °C
Product No	96500539	Maximum operating pressure	16 bar
EAN number	5700396203843	Max pressure at stated temp	16 bar / 120 °C

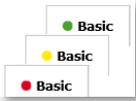
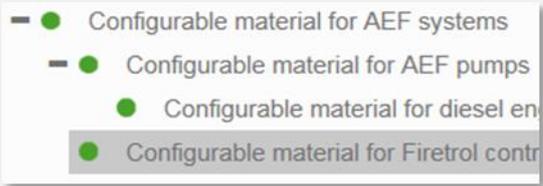
CHANGE CONFIGURATION

Change Configuration is where you can customize and configure your solution. To begin this process, click the “CHANGE CONFIGURATION” button located in the top right corner of the “Specifications” tab.

You will then be directed to the change configuration window:



Summarized list price	In a multi-level structure there will be a price for each level. In this picture all list prices are summarized to one total.
Summarized lead time	In a multi-level structure there will be a lead time for each level. In this picture the latest of all the lead times are shown.
See your configuration history	Here you can track all you input and values selected through the configuration.
Undo	Undo latest selection.

Multiple configuration tab	The entire configuration process is organized into different tabs. Each tab header describes what part of the product you are about to select within.
Traffic light	<p>Green = All inputs are set, and valid. Yellow = Inputs are required Red = Configuration is invalid.</p> 
Main configuration window	<p>Via the dropdown selections the user is to fill select to make a complete and valid solution. We recommend going through the tabs from left-to-right and top-to-bottom in the configuration window. This journey will give you the best guidance and prevent invalid configurations.</p> <p>Some selections may already be pre-set but changeable. Other selections are set and locked (not changeable).</p>
Pane for multi-level configuration	<p>Most of our products configurators are single level. However, some product ranges consist of multiple configurators (System+Pump+Driver+Controller). Those will be shown in this pane for the user navigation. Some selections may already be pre-set but changeable. Other selections are set and locked (not changeable).</p>  <p>Note: Depending if you come from Catalogue or Sizing the configuration interface may assign and lock different values. If coming from Sizing, we want to preserve the sizing calculations so values that could influence this is locked and the “Empty Configuration” option is removed as well. If coming from the Catalogue there is a bit more freedom and “Empty configuration” is possible.</p> <p>Finally, you may encounter an invalid selection (red traffic light) that the configurator cannot handle. Here you either need to back-track in your selection or if you cannot make all green lights, fear not, finish the product configuration as you would like it and contact your local Grundfos sales company to assist with a solution.</p>
Empty configuration	If you want to start over or you reach an invalid configuration you can empty the input fields.
Cancel	Cancels the change configuration and returns to the original product.
OK	Applies the changes regardless of the state of traffic lights. So, you can choose to return an incomplete or invalid configuration.

Some parameters will already be set when reaching the configuration window. This will be the basic information taken from the standard product you are entering from. Therefore, the traffic light on the “Basic”-tab will often be green when opening “CHANGE CONFIGURATION” because the inputs are prefilled by the standard product. Some of those can of course be changed except for the hydraulic inputs. If you want to change the hydraulic inputs, then use the “EMPTY CONFIGURATION” button. For the best user journey, we recommend that you select the options on each tab from top to bottom and complete each tab from left to right.

Parameter	Value
Motor standard	IEC
Frequency converter	None
Frequency pump [Hz]	50 Hz
Nominal speed [rpm]	3,000
Pump type designation	CR
Pump size (flow)	20
Number of impellers	3
Low NPSH	No
Magnetic drive	No
Pump for high temp. liquids	-

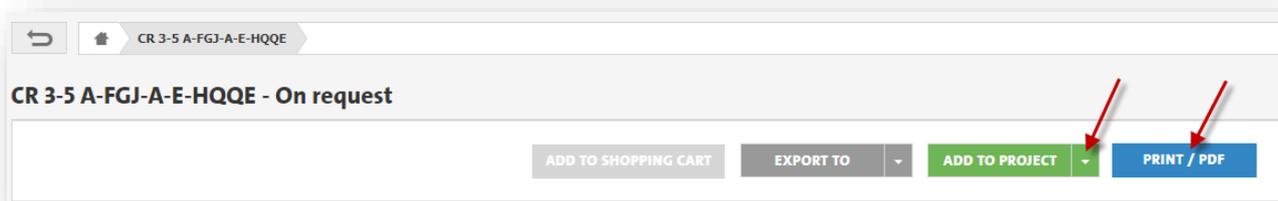
3. Product details for configured products

Once returned to the product detail page in Grundfos Product Center you will now find specification details has changed to the solution.

Note: Grundfos Product Center always displays available data like Pictures, Dimensional Drawings, CAD, etc. If the data is not shown, then it's most likely because the data is not available yet. If there is a special requirement or you cannot find the data you need, please contact your local sales company.

4. Print, Share or Save

When the solution is found you can use the existing functions in Grundfos Product Center:



- Print/PDF: Creates a PDF file with the selected specification details.
- If you are a logged in as a registered user, you can add the product to:
 - Project - here you can add your solution to an existing Project or create a new.
 - Saved items - if you have a frequent solution that you want quick access to.
- Copy link to clipboard. This is useful if you want to share the solution with a direct link.

If you would like to request for a quote, please contact your local Grundfos sales company. You can include the printed PDF or link to the solution.

5. Definitions

Predefined standard product	A group of standard products from which custom variants can be configured.
Hydraulic version	Certain pump size, number of impellers, number of poles, etc. that together define a unique set of performance curves.
Project	The projects feature in Grundfos Product Center is a way for customers to organize and store information about the projects they are currently working on.
Catalogue	The predefined products are categorized in “Pump designs”, “Applications” and “Product families” Here you can browse for products, performance curves and technical data.
Catalogue result list	From the filters applied in the Catalogue, the result list updates accordingly.
Sizing	The process Grundfos Product Center uses to take customer requirements and find products that most closely match these requirements. In the case of fire protection pumps, if the sizing solution does not exactly match the requirement, the system can be configured as required.

EXAMPLE - How to change brand of motor

- 1) Follow the steps above to go to the configuration tool
- 2) Under "MOTOR SPEC" --> check on YES for South Korea MEPS (Kemco)

BASIC **PUMP** **SEALS** **MOTOR SPEC** **MOTOR SEL** AUTODATA OTHER

Select parameters

CONFIGURATION HISTORY

UPDATE CURVE

Auto Update Curve

Need help to configure? [Download guide](#)

CE Conformity marking (CE) *	<input type="text"/>
USA/Can. Safety (cURus/cCSAus) *	<input type="text"/>
USA MEPS (CC marking) *	<input type="text"/>
China MEPS (CEL) *	<input type="text"/>
South Korea MEPS (Kemco) *	<input type="text"/>
Approval CCCs *	<input type="text" value="Yes"/>
Pressure Sensor	<input type="text" value="No"/>
Pressure sensor range [bar]	<input type="text" value="Not relevant"/>
Over/undersize motor	<input type="text" value="Standard motor size"/>
Service factor	<input type="text" value="1"/>
Software cascade function *	<input type="text" value="Not relevant"/>
Motor radio communication	<input type="text" value="Not relevant"/>
Power output P2 [kW]	<input type="text" value="45"/>
Number of poles *	<input type="text" value="2"/>

- 3) Under "MOTOR SEL" --> This is where you can select the brand of the motor

BASIC **PUMP** **SEALS** **MOTOR SPEC** **MOTOR SEL** AUTODATA OTHER

Select parameters

CONFIGURATION HISTORY

UPDATE CURVE

Auto Update Curve

Need help to configure? [Download guide](#)

Brand, motor *	<input type="text" value="SIEMENS"/>
Number of phases *	<input type="text" value="GRUNDFOS MMG-G"/>
Rated voltage [V] 60Hz *	<input type="text"/>
IE efficiency class 60Hz *	<input type="text" value="IE3 / NEMA Premium"/>
Motor anticondensation heater *	<input type="text"/>
Built-in motor protection	<input type="text" value="Thermistor"/>
IP-Class *	<input type="text" value="55 Dust/Jetting"/>
Enclosure class *	<input type="text" value="N/A"/>
Functional module	<input type="text" value="Not relevant"/>
Control panel *	<input type="text" value="Not relevant"/>
Motor product number *	<input type="text"/>