

# “One-Page Sizing” in GPC

Overview + Quick Guide

**GRUNDFOS** 

Possibility in every drop

# Go to "One page sizing"



Link: <https://product-selection.grundfos.com/>

Size by: "Pump family" -> Select pump family: "CR, CRE, CRI, CRIE..."

Select: "One page sizing" -> Click: ">"

The screenshot shows a web browser window with the URL [product-selectionsand01.grundfos.com](https://product-selectionsand01.grundfos.com). The page title is "Size your product" with the subtitle "Find the right pump for your installation requirements." Below the title, there are three dropdown menus: "Size by" (set to "Pump family"), "Select pump family" (set to "CR, CRE, CRI, CRIE, CRN, CRNE, CRT, CR"), and "Select product group" (set to "All"). To the right of these menus is a blue button with a white right-pointing arrow and a hand cursor, which is circled in red. At the bottom of the page, there are three radio button options: "Sizing", "All suitable", and "One page sizing", with the "One page sizing" option selected and circled in red.



# Overview of New E-sizing tool



Inputs for hydraulic selection

**Select parameters**

Pumped liquid: Water

Liquid temperature during operation: 20

Optimized O&M Selection:

Do not allow oversize motor:

Flow (Q): 7 m<sup>3</sup>/h

Head (H): 150 m

Evaluation criterion: [dropdown]

Low NPSH: [dropdown]

Pump type: [dropdown]

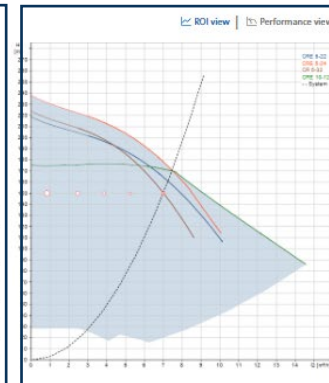
Pump size: [dropdown]

Poles:  2  None

Phase: [dropdown]

U: [dropdown] V

Use the duty curves to find a valid sizing input



Curve view  
*New Sizing feature*

Edit load profile

**Optional sizing parameters**

Load profile: Pressure Boosting

Period:  Day  Year

Operation hours per day: 9 h/day

Control mode: Const. pressure

Duty point	Flow	Q	H	Hours
1	12.0 %	0.8 m <sup>3</sup> /h	150.0 m	4.1 h/day
2	35.0 %	2.4 m <sup>3</sup> /h	150.0 m	2.5 h/day
3	55.0 %	3.9 m <sup>3</sup> /h	150.0 m	1.2 h/day
4	75.0 %	5.2 m <sup>3</sup> /h	150.0 m	0.8 h/day
5	100.0 %	7.0 m <sup>3</sup> /h	150.0 m	0.4 h/day

Energy price: 0.15 EUR/kWh

Sizing result list  
*New Sizing feature*

Criteria	Product name	P2 [kW]	Energy [kWh/year]	Life cycle cost [EUR/10 years]	Price index	Pump + motor length [mm]	Speed in c
<input type="checkbox"/> Lowest LCC	<a href="#">CRE 5-22</a>	5.5	7634	19132	189	1240	
<input type="checkbox"/> Lowest energy	<a href="#">CRE 5-24</a>	5.5	7482	19215	197	1294	
<input type="checkbox"/> Lowest price	<a href="#">CR 5-22</a>	5.5	11179	20827	100	1536	
<input type="checkbox"/> Most compact	<a href="#">CRE 10-12</a>	5.5	9439	22980	217	1065	

# Sizing made simple



① Enter duty point

...

② ... see hydraulic suggestions

...

③ ... compare suggestions

## Select parameters

Pumped liquid

Water

Liquid temperature during operation \*

20

Flow (Q) \*

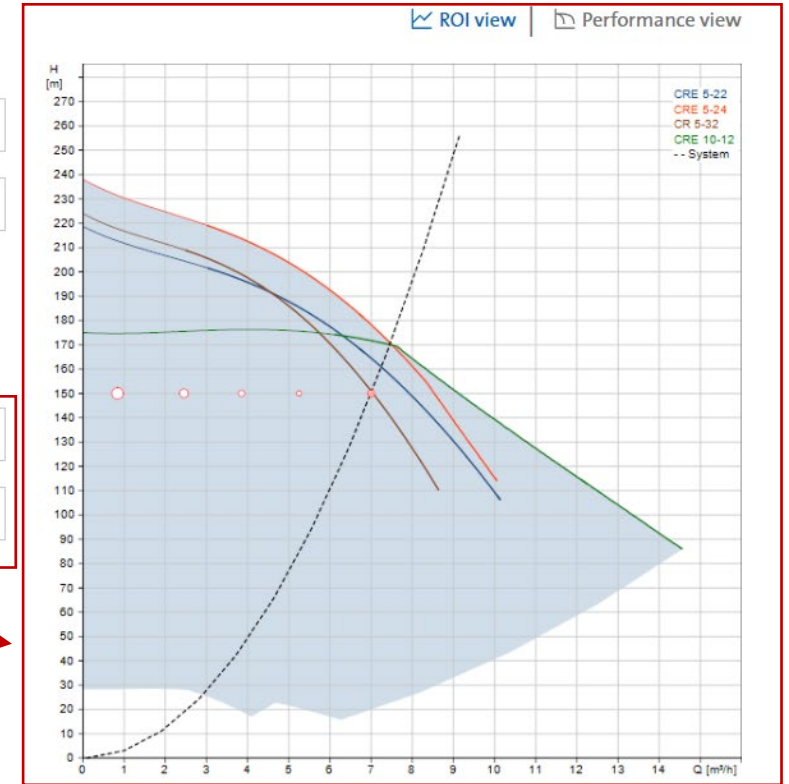
7

m<sup>3</sup>/h

Head (H) \*

150

m



	Criteria	Product name	P2 [kW]	Energy [kWh/year]	Life cycle cost [EUR/10 years]	Price index	Pump + motor length [mm]	Speed in d
<input type="checkbox"/>	Lowest LCC	<a href="#">CRE 5-22</a>	5.5	7636	19135	189	1240	
<input type="checkbox"/>	Lowest energy	<a href="#">CRE 5-24</a>	5.5	7484	19217	197	1294	
<input type="checkbox"/>	Lowest price	<a href="#">CR 5-32</a>	5.5	10411	19674	100	1536	
<input type="checkbox"/>	Most compact	<a href="#">CRE 10-12</a>	5.5	9442	22986	217	1065	

All in **ONE** page