

MANUAL

curves

SELECTION TOOL



The Curves selection tool developed by Van der Ende Group is an online tool that allows you to search for heating pumps. You can do this in two ways:

1. Search by required operating point
2. Search by name

The tool also allows you to save pumps in a project and request a price quotation for this project.

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1. REGISTER AS A USER

You can register as a user by contacting the Sales office by email (sales@vanderendegroup.com) or telephone (+31 174 51 50 50). They will create an account for you.

New user? x

Please contact us on [+31 174 51 50 50](tel:+31174515050) or sales@vanderendegroup.com to request an account. Please include your name and company name in an e-mail and preferably also your address and phone number.

To do this, they need the following information:

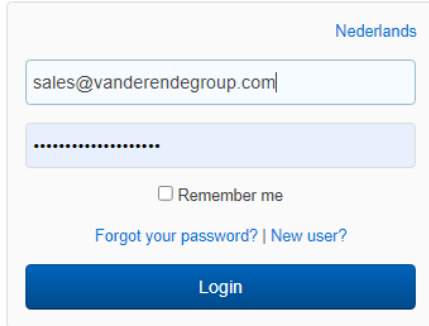
- o **Customer details**
Name, address, post code, city, telephone number and general email address.
- o **Personal details**
Last name, infix(es), first name, own telephone number and own email address.

The tool is designed to allow multiple users per customer. Users at the same customer can view and change all of each other's projects.

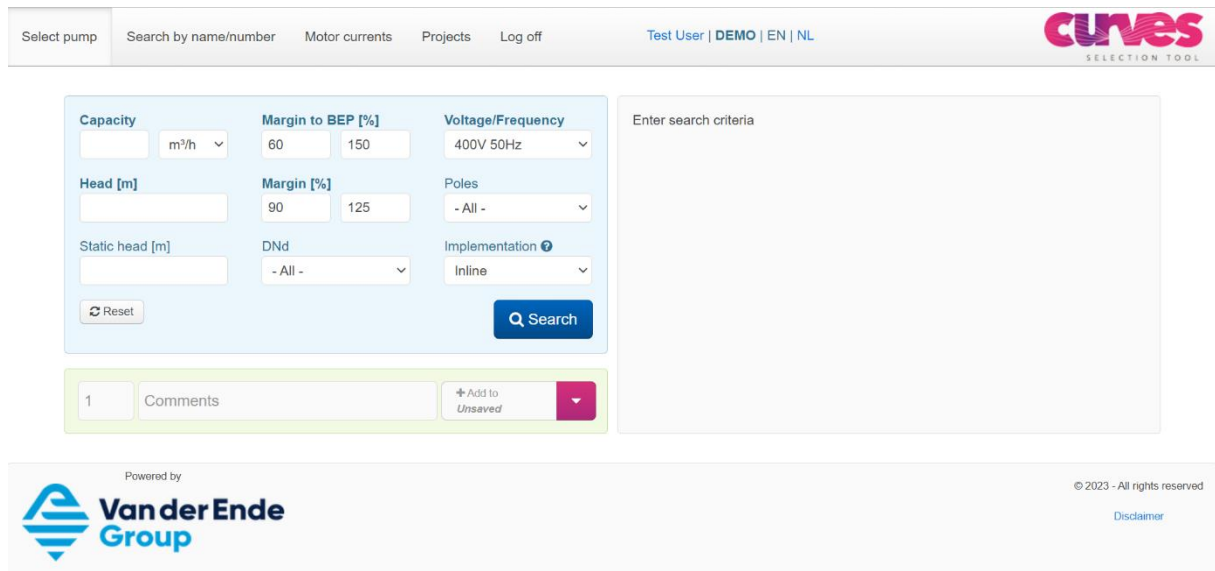
After one of our colleagues has entered the information, we will send you an email with your login details. You will be able to use the details provided in this email to log in at www.curveselectietool.nl/en and select your first pump.

2. OVERVIEW OF PUMP SELECTION TOOL

This chapter gives a brief overview of the various functionalities. Log in at www.curveselectietool.nl/en.



After you have logged in successfully, the following screen appears:




There are four possible options:

- | | |
|---------------------------|---|
| 1. <i>Select pump</i> | Select a pump on the basis of a required operating point. |
| 2. <i>Search by name</i> | Search for a pump on the basis of part of the name. |
| 3. <i>Projects</i> | Overview of created and submitted projects, and create a new project. |
| 4. <i>Log out</i> | To log out. |
| 5. <i>Change language</i> | Choose between NL or EN. |

The user who is currently logged in is shown at the top, right of centre.

3. SEARCH BY REQUIRED OPERATING POINT

1. Log in at www.curveselectietool.nl/en.
2. Enter the required operating point.
 - o The capacity can be entered in either m³/h or ltr/min.
 - o The required discharge head and static head can only be entered in metres.
 - o The “Capacity” and “Discharge head” are required fields. The “Static head” is optional.
3. Click “Search”.
4. The tool displays the matching pumps for this operating point. The pumps are sorted by BEP (best efficiency point).

Select pump
Search by name/number
Motor currents
Projects
Log off
Test User | DEMO | EN | NL


Capacity

Margin to BEP [%]

Voltage/Frequency

Head [m]

Margin [%]

Poles


Static head [m]

DND

Implementation

Pump	Q [m³/h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNEE 80-160/40 4p 60Hz	55,3	14,5	2,86	77,3	1,52	-
LNES 80-200/55A 4p 60Hz	59,9	17,0	3,74	74,0	2,10	-
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNES 100-250/4275 6p 60Hz	55,3	14,4	3,03	72,0	0,00	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

6 results found.



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5. You have the option to filter the results:

- o *Margin compared with BEP (%)* The default setting is “60 - 150”

This shows how far the required capacity may diverge from the capacity of the BEP.

More pumps will be shown if you choose a wider range between the lower and upper margin.

Select pump
Search by name/number
Motor currents
Projects
Log off
Test User | DEMO | EN | NL


Capacity

55,0 m³/h

Head [m]

14,3

Static head [m]

Margin to BEP [%]

30 180

Margin [%]

90 125

DNd

- All -

Voltage/Frequency

440-480V 60Hz

Poles

- All -


Implementation

Inline


Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNEE 80-160/40 4p 60Hz	55,3	14,5	2,86	77,3	1,52	-
LNES 80-200/55A 4p 60Hz	59,9	17,0	3,74	74,0	2,10	-
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNES 100-250/4275 6p 60Hz	55,3	14,4	3,03	72,0	0,00	-
LNES 100-200/55 4p 60Hz	59,6	16,8	3,95	68,3	2,04	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-

Results 1 up to 6 from 12. Go to page: 1 2

1


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Fewer pumps will be shown if you choose a smaller range between the lower and upper margin.

Select pump
Search by name/number
Motor currents
Projects
Log off
Test User | DEMO | EN | NL


Capacity

55,0 m³/h

Head [m]

14,3

Static head [m]

Margin to BEP [%]

90 110

Margin [%]

90 125

DNd

- All -

Voltage/Frequency

440-480V 60Hz

Poles

- All -


Implementation

Inline

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-

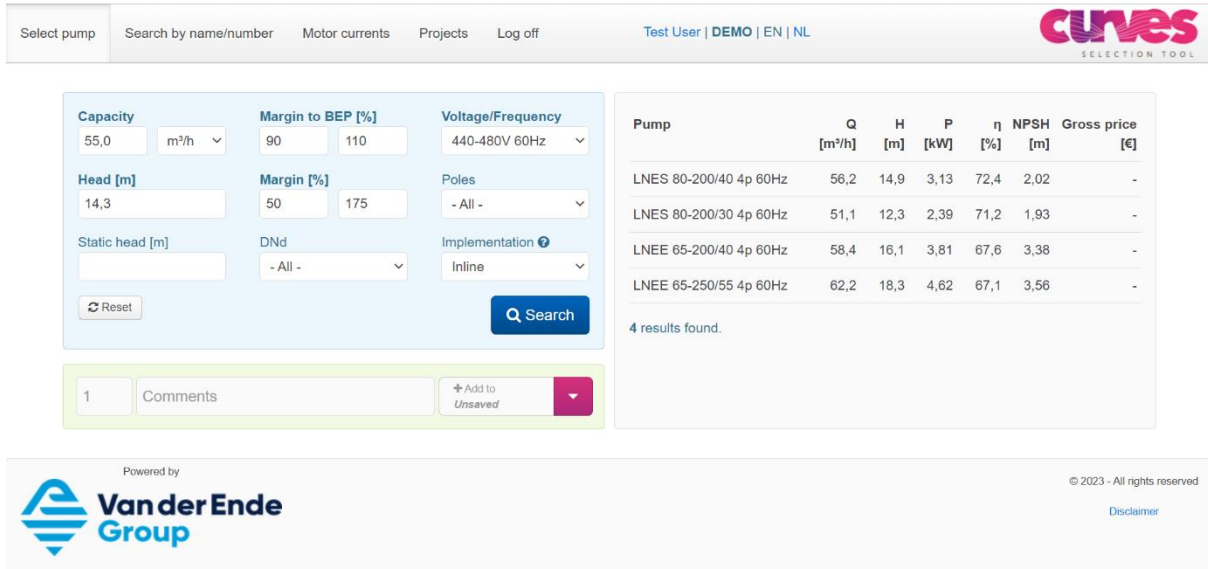
2 results found.

1


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- o **Margin (%)** The default setting is “90 - 125”

This shows how far the system curve’s intersection with the pump curve may lie above or below the required discharge head. More pumps will be shown if you choose a wider range between the lower and upper margin. Fewer pumps will be shown if you choose a smaller range between the lower and upper margin.



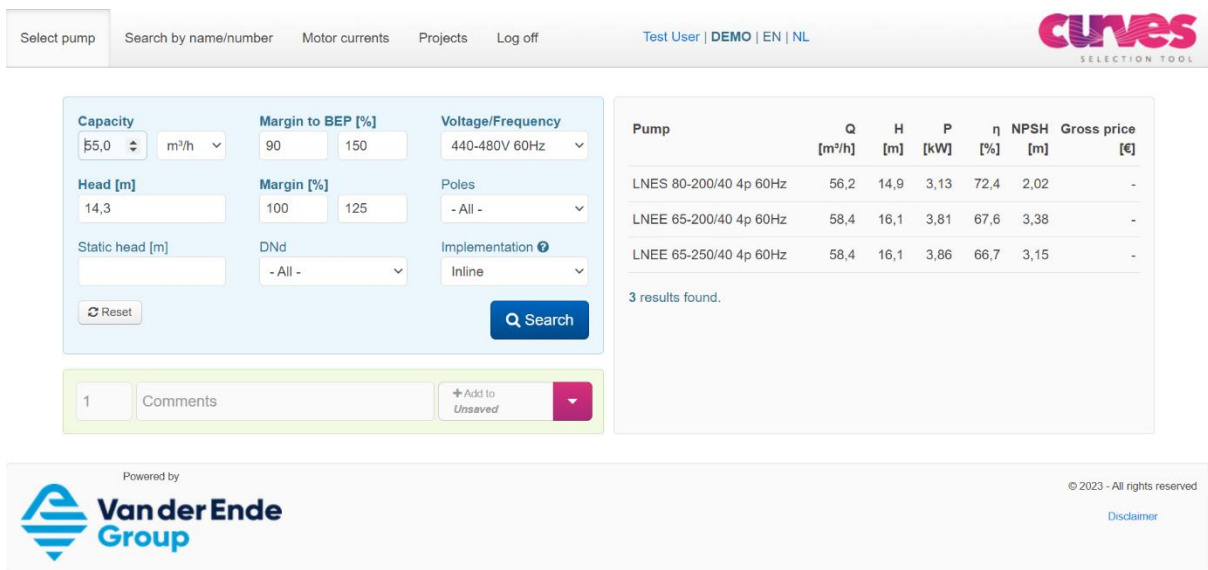
The screenshot shows the CURVES Selection Tool interface. The search filters are set as follows:

- Capacity: 55,0 m³/h
- Head [m]: 14,3
- Static head [m]: (empty)
- Margin to BEP [%]: 90 - 110
- Margin [%]: 50 - 175
- DND: - All -
- Voltage/Frequency: 440-480V 60Hz
- Poles: - All -
- Implementation: Inline

The results table shows 4 results found:

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNES 80-200/30 4p 60Hz	51,1	12,3	2,39	71,2	1,93	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/55 4p 60Hz	62,2	18,3	4,62	67,1	3,56	-

A margin starting at 100% will only show pumps that lie above the required discharge head.



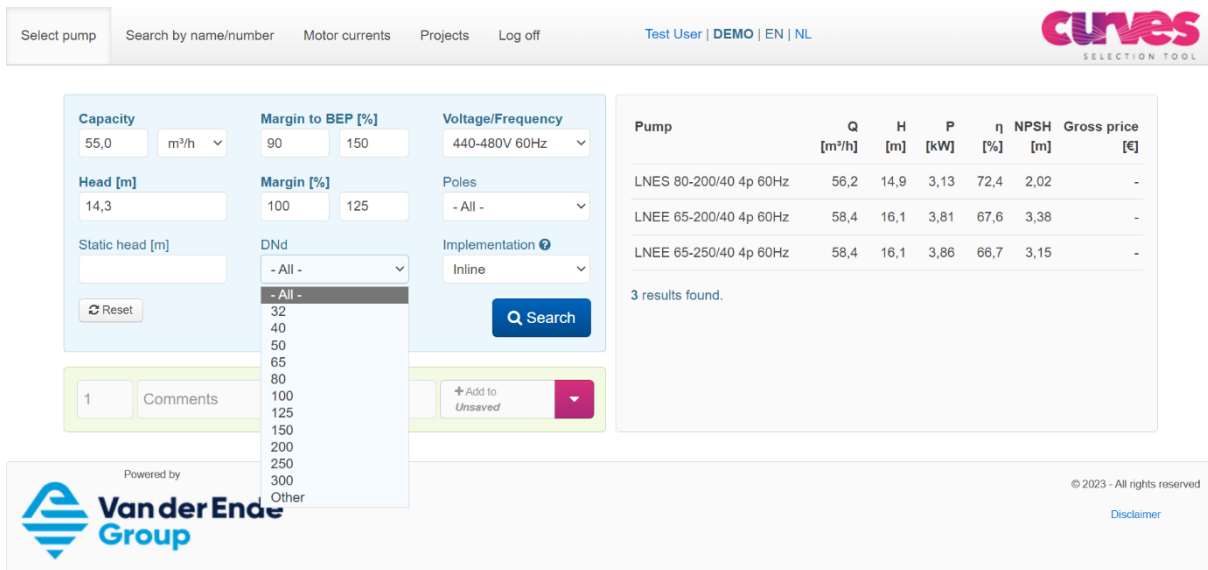
The screenshot shows the CURVES Selection Tool interface with the following search filters:

- Capacity: 55,0 m³/h
- Head [m]: 14,3
- Static head [m]: (empty)
- Margin to BEP [%]: 90 - 150
- Margin [%]: 100 - 125
- DND: - All -
- Voltage/Frequency: 440-480V 60Hz
- Poles: - All -
- Implementation: Inline

The results table shows 3 results found:

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

- o *Voltage/Frequency* The default setting is “400V/50 Hz”.
You can search for 400V 50Hz | xxxV 50Hz (if Voltage is different or unknown) | 400V 60Hz | 440-480V 60Hz | 575V 60Hz | xxxV 60Hz (if Voltage is different or unknown).
- o *Number of poles* The default setting is “All”.
You can search for 2-pole, 4-pole or 6-pole or all pole pairs.
- o *Type* The default setting is “Inline”.
You can search for in-line or block or both pump types.
- o You can also filter by DNd size (= size in mm of the discharge connection)



The screenshot shows the CURVES Selection Tool interface. At the top, there are navigation links: "Select pump", "Search by name/number", "Motor currents", "Projects", "Log off", "Test User | DEMO | EN | NL", and the CURVES SELECTION TOOL logo.

The search filters are as follows:

- Capacity: 55,0 m³/h
- Head [m]: 14,3
- Static head [m]: (empty)
- Margin to BEP [%]: 90, 150
- Margin [%]: 100, 125
- Voltage/Frequency: 440-480V 60Hz
- Poles: - All -
- Implementation: Inline
- DNd: - All - (dropdown menu is open showing options: 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, Other)

There is a "Reset" button and a "Search" button. Below the filters, there is a "Comments" field with "1" and an "Add to Unsaved" button.

The results table shows 3 results found:

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

At the bottom, there is a "Powered by VanderEnde Group" logo and "© 2023 - All rights reserved" with a "Disclaimer" link.

- The curve and additional details of the pump can be viewed by clicking the pump name. The power, efficiency and NPSH curves become visible when you scroll down. A different pump can easily be viewed by clicking the pump name.

Projects Log off Test User | DEMO | EN | NL

Capacity: 55.0 m³/h | Margin to BEP [%]: 90 | 150 | Voltage/Frequency: 440-480V 60Hz

Head [m]: 14.3 | Margin [%]: 100 | 125 | Poles: - All -

Static head [m]: | DNd: - All - | Implementation: Inline

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

3 results found.

1 | Comments |

LNES 80-200/40 4p 60Hz

Requested operating point

Capacity: 55.0 m³/h
Head: 14.3 m
Static head: 0.0 m

Hydraulic intersection point

Capacity: 56.2 m³/h
Head: 14.9 m
Power: 3.13 kW
Efficiency: 72.4 %
NPSH: 2.02 m

General

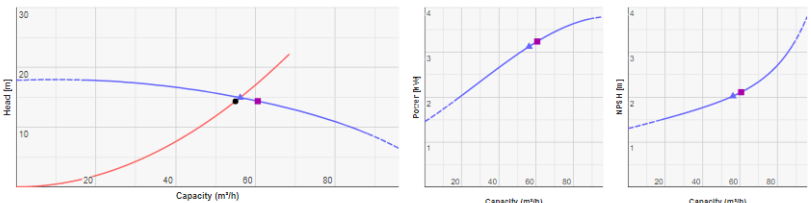
Product number: 35213310
Gross price: To be determined
Frequency: 60 Hz
Poles: 4
Power: 4.00 kW
Motor: 3x208-230+400-480V
DNs / DNd: 80 / 80
Pressure rating: PN16
Inline: Yes
Symmetric: No
Stock product: No

Capacity


Minimum: 17 m³/h
Maximum: 89 m³/h
BEP: 61 m³/h

Dimensions

Mounting size: 500 mm
Height: 713 mm
Weight: 106 kg
Impeller: 189.0 mm



- You can search for a pump for a different operating point by entering a new capacity and discharge head.

Select pump Search by name/number Motor currents Projects Log off Test User | DEMO | EN | NL 

Capacity: 400,0 m³/h | Margin to BEP [%]: 60 | 150 | Voltage/Frequency: 440-480V 60Hz


Head [m]: 15,0 | Margin [%]: 90 | 125 | Poles: - All -

Static head [m]: | DNd: - All - | Implementation: Inline

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNES 200-250/220 4p 60Hz	395,7	14,7	21,53	79,2	7,76	-
LNES 150-250/300 4p 60Hz	410,0	16,4	26,07	70,5	11,53	-

2 results found.

1 | Comments |

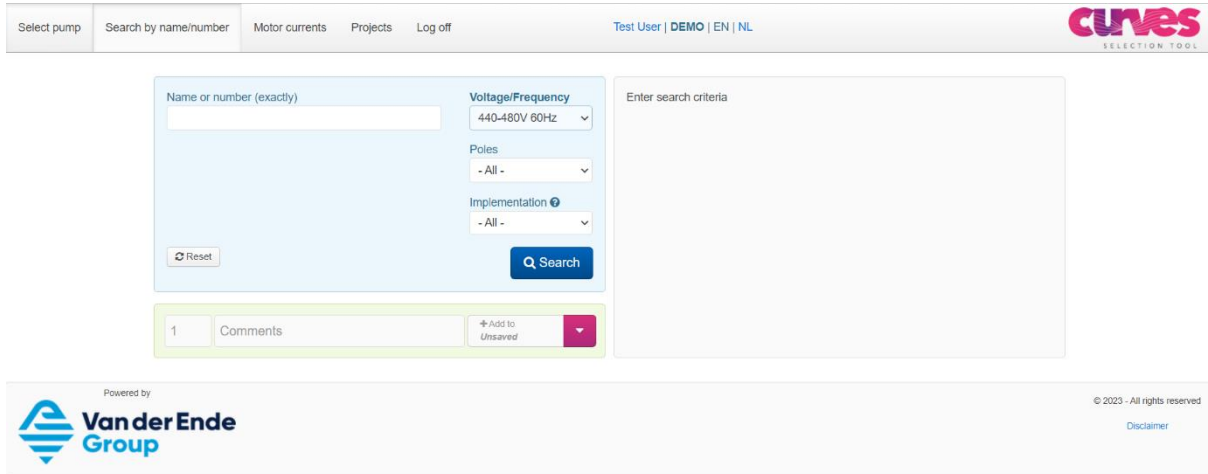


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- The search function can be reset to the default settings by clicking “Reset”.

4. SEARCH BY NAME

1. Log in at www.curveselectietool.nl/en.
2. Click “Search by name/number”.

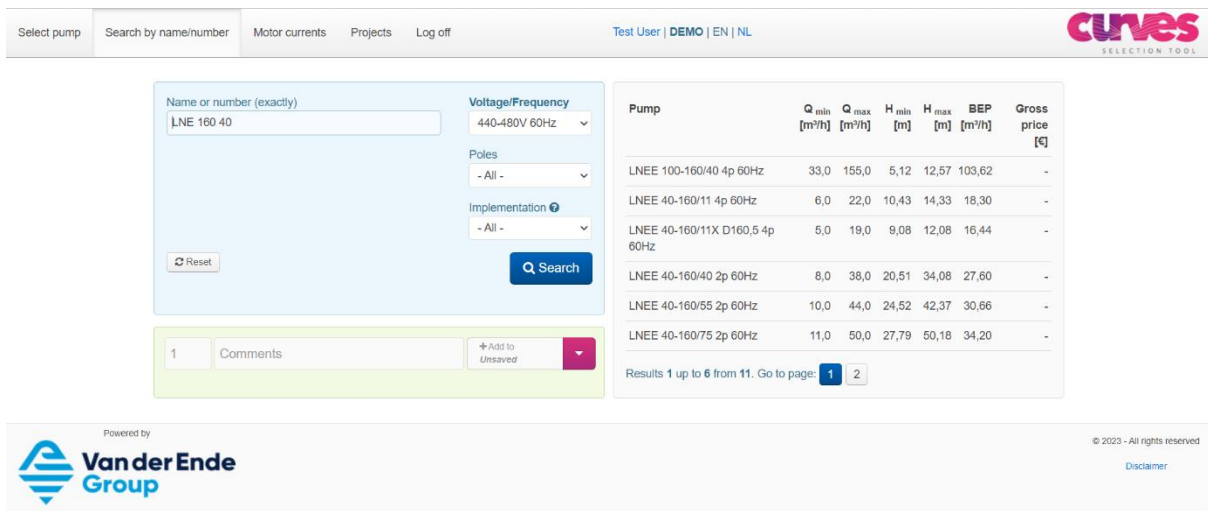


The screenshot shows the CURVES Selection Tool interface. The top navigation bar includes "Select pump", "Search by name/number", "Motor currents", "Projects", and "Log off". The user is logged in as "Test User | DEMO | EN | NL". The search criteria form is active, with the following fields:

- Name or number (exactly):
- Voltage/Frequency: 440-480V 60Hz
- Poles: - All -
- Implementation: - All -

Buttons for "Reset" and "Search" are visible. Below the form is a "Comments" section with a "1" in a box and an "Add to Unsaved" button. The footer includes the VanderEnde Group logo and copyright information: "© 2023 - All rights reserved" and "Disclaimer".

3. Enter part of the name and click “Search”. The order of the words is not important, but you should make sure that you enter a space between the words.



The screenshot shows the CURVES Selection Tool interface with search results for "LNE 160 40". The search criteria form is filled with "LNE 160 40" in the "Name or number (exactly)" field. The search results table is displayed below the form:

Pump	Q _{min} [m ³ /h]	Q _{max} [m ³ /h]	H _{min} [m]	H _{max} [m]	BEP [m ³ /h]	Gross price [€]
LNEE 100-160/40 4p 60Hz	33,0	155,0	5,12	12,57	103,62	-
LNEE 40-160/11 4p 60Hz	6,0	22,0	10,43	14,33	18,30	-
LNEE 40-160/11X D160,5 4p 60Hz	5,0	19,0	9,08	12,08	16,44	-
LNEE 40-160/40 2p 60Hz	8,0	38,0	20,51	34,08	27,60	-
LNEE 40-160/55 2p 60Hz	10,0	44,0	24,52	42,37	30,66	-
LNEE 40-160/75 2p 60Hz	11,0	50,0	27,79	50,18	34,20	-

Results 1 up to 6 from 11. Go to page: [1](#) [2](#)

The footer includes the VanderEnde Group logo and copyright information: "© 2023 - All rights reserved" and "Disclaimer".

4. To filter the results, the procedure is the same as described at “Search by required operating point” (page 7).

5. PROJECTS

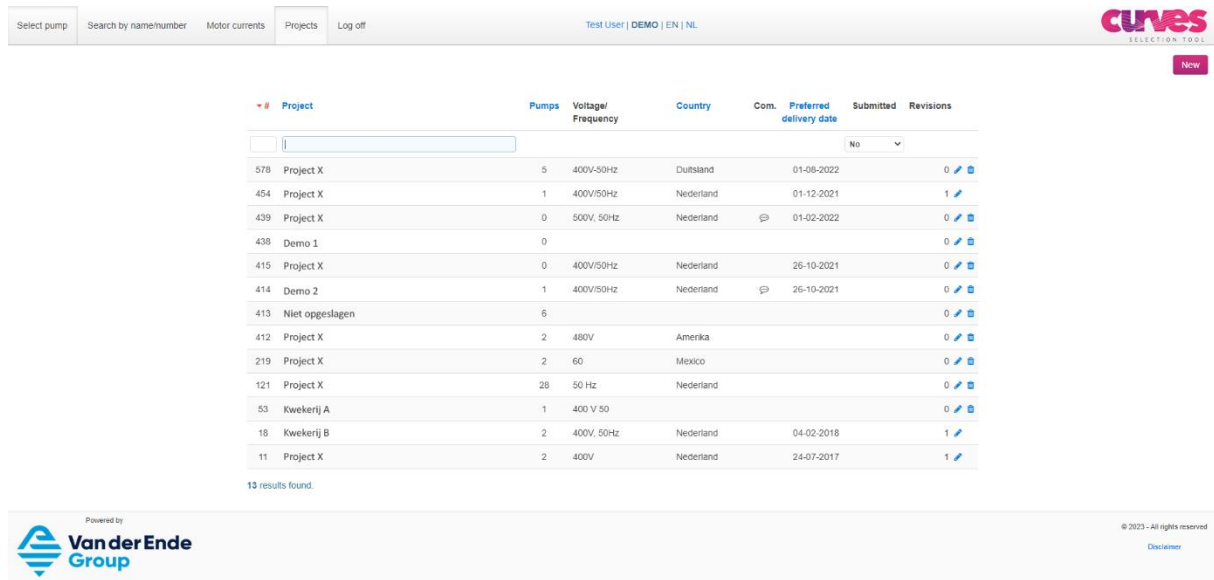
In addition to searching for the pumps by required operating point or name, the pumps that are found can be added to a project. Projects can then be submitted in order to request a price quotation for the selected pumps. Via the project page, it is also possible to see which projects have been created, and to change these projects.

At first, you can only add pumps to the unsaved project. After multiple projects have been created, you can also add pumps to existing projects. The pumps that are added to an unsaved project, and are not saved under a unique name, will continue to be saved under the unsaved project after you log out.

5.1 Create a new project

It is also possible to start with a new project. To do this, you should first enter the project details and then add pumps to this project.


1. Go to the project page and click “New” at the top right.

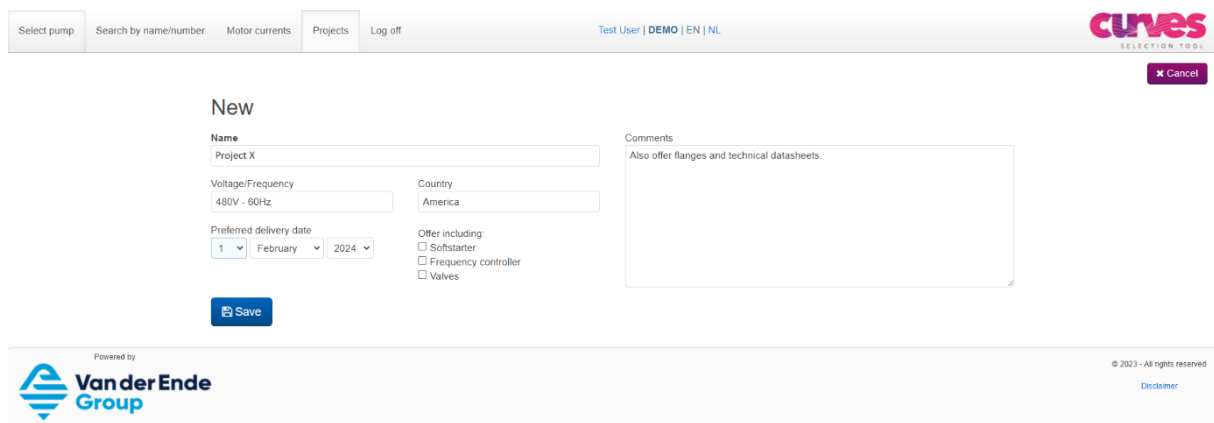


The screenshot shows the 'Projects' page in the CURVES Selection Tool. At the top, there is a navigation bar with 'Select pump', 'Search by name/number', 'Motor currents', 'Projects', and 'Log off'. The user is identified as 'Test User | DEMO | EN | NL'. A 'New' button is visible in the top right corner.

#	Project	Pumps	Voltage/ Frequency	Country	Com.	Preferred delivery date	Submitted	Revisions
578	Project X	5	400V-50Hz	Duitsland		01-08-2022	0	
454	Project X	1	400V/50Hz	Nederland		01-12-2021	1	
439	Project X	0	500V, 50Hz	Nederland		01-02-2022	0	
438	Demo 1	0					0	
415	Project X	0	400V/50Hz	Nederland		26-10-2021	0	
414	Demo 2	1	400V/50Hz	Nederland		26-10-2021	0	
413	Niet opgeslagen	6					0	
412	Project X	2	480V	Amerika			0	
219	Project X	2	60	Mexico			0	
121	Project X	28	50 Hz	Nederland			0	
53	Kwekerij A	1	400 V 50				0	
18	Kwekerij B	2	400V, 50Hz	Nederland		04-02-2018	1	
11	Project X	2	400V	Nederland		24-07-2017	1	

13 results found.

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The screenshot shows the 'New' project form in the CURVES Selection Tool. The navigation bar is the same as in the previous screenshot. A 'Cancel' button is visible in the top right corner.

New

Name:

Voltage/Frequency:


Country:

Preferred delivery date:

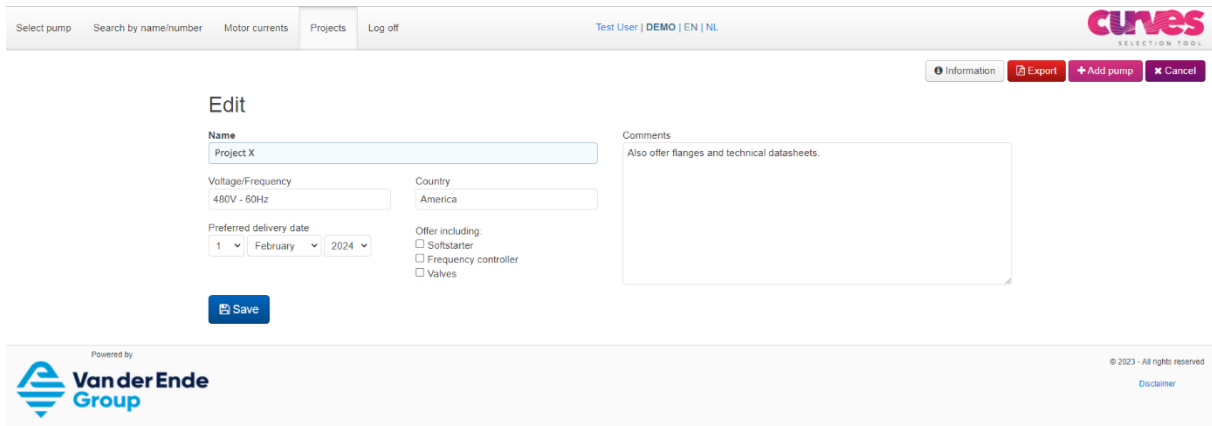
Offer including:

- Softstarter
- Frequency controller
- Valves

Comments:

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2. Enter the project details. When the project has been saved, you will be able to add a pump directly from “Select pump” by clicking “Add pump”.



Edit

Name: Project X

Voltage/Frequency: 480V - 60Hz | Country: America

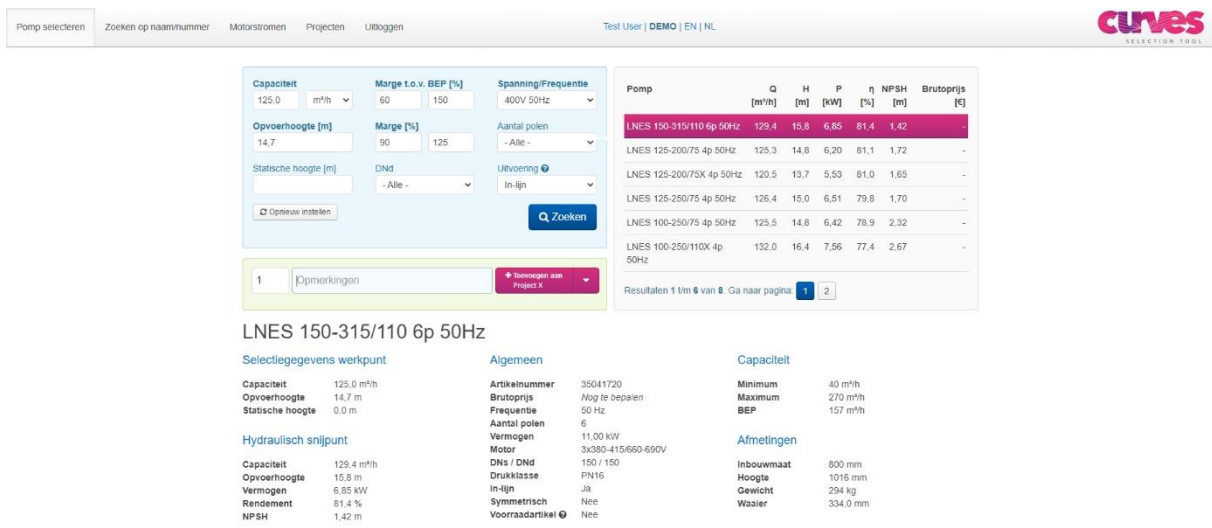
Preferred delivery date: 1 February 2024

Offer including:
 Softstarter
 Frequency controller
 Valves

Comments: Also offer flanges and technical datasheets.

[Save](#)

3. Search for a pump and add it. The name of the project will already be shown.



Pomp selecteren

Capaciteit: 125.0 m³/h | Marge L.o.v. BEP [%]: 60 | Spanning/Frequentie: 400V 50Hz

Opvoerhoogte [m]: 14.7 | Marge [%]: 90 | Aantal polen: - Alle -

Statische hoogte [m]: | DND: - Alle - | Uitvoering: In-lijn

[Opnieuw instellen](#) [Zoeken](#)

Pomp	Q [m³/h]	H [m]	P [kW]	η [%]	NPSH [m]	Brutoprijs [€]
LNES 150-315/110 6p 50Hz	129.4	15.8	6.85	81.4	1.42	
LNES 125-200/75 4p 50Hz	125.3	14.8	6.20	81.1	1.72	
LNES 125-200/75X 4p 50Hz	120.5	13.7	5.53	81.0	1.65	
LNES 125-250/75 4p 50Hz	126.4	15.0	6.61	79.8	1.70	
LNES 100-250/75 4p 50Hz	125.5	14.8	6.42	78.9	2.32	
LNES 100-250/110X 4p 50Hz	132.0	16.4	7.56	77.4	2.67	

Resultaten 1 t/m 6 van 6 | Ga naar pagina: [1](#) [2](#)

LNES 150-315/110 6p 50Hz




<p>Selectiegegevens werkpunt</p> <p>Capaciteit: 125.0 m³/h Opvoerhoogte: 14.7 m Statische hoogte: 0.0 m</p> <p>Hydraulisch snijpunt</p> <p>Capaciteit: 129.4 m³/h Opvoerhoogte: 15.8 m Vermogen: 6.85 kW Rendement: 81.4 % NPSH: 1.42 m</p>	<p>Algemeen</p> <p>Artikelnummer: 35041720 Brutoprijs: Nog te bepalen Frequentie: 50 Hz Aantal polen: 6 Vermogen: 11.00 kW Motor: 3x380-415/650-690V DNS / DND: 150 / 150 Drukklasse: PN16 In-lijn: Ja Symmetrisch: Nee Voorraadsartikel: Nee</p>	<p>Capaciteit</p> <p>Minimum: 40 m³/h Maximum: 270 m³/h BEP: 157 m³/h</p> <p>Afmetingen</p> <p>Inbouwmaat: 800 mm Hoogte: 1016 mm Gewicht: 294 kg Waaiër: 334.0 mm</p>
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5.2 Overview of project page





























The project page shows an overview of all projects. Under “Submitted” you can use the dropdown arrow to choose submitted, unsubmitted or all projects.

The text “There is an unsaved project. View or edit” is only visible if an unsaved project contains pumps.


If you hover the mouse above the “Remarks” field, the general remarks relating to this project will become visible.

-  to edit the project
-  to delete the project
-  shows the project that was submitted

Select pump Search by name/number Motor currents Projects Log off Test User | DEMO | EN | NL  

#	Project	Pumps	Voltage/ Frequency	Country	Com.	Preferred delivery date	Submitted	Revisions
622	Project X	0	480V - 60Hz	America		01-02-2024	0	 
578	Project X	5	400V/50Hz	Duitsland		01-06-2022	0	 
454	Project X	1	400V/50Hz	Nederland		01-12-2021	1	 
439	Demo 1	0	500V, 50Hz	Nederland		01-02-2022	0	 
438	Project X	0					0	 
415	Demo 2	0	400V/50Hz	Nederland		26-10-2021	0	 
414	Niet opgeslagen	1	400V/50Hz	Nederland		26-10-2021	0	 
413	Project X	6					0	 
412	Project X	2	480V	Amerika			0	 
219	Project X	2	60	Mexico			0	 
12	Kwekerij A	28	50 Hz	Nederland			0	 
53	Kwekerij B	1	400 V 50				0	 
18	Project X	2	400V, 50Hz	Nederland		04-02-2018	1	 
11	Demo 3	2	400V	Nederland		24-07-2017	1	 

14 results found.

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5.3 Extra project fields

When a project is opened via the project page, there are several options.


Project details

- o Name Required.
- o Voltage/Frequency Required.
- o Country Optional, for control voltage and frequency, if applicable.
- o Date Optional, for price quotation/delivery time.
- o Remarks Optional, for additional remarks about the project (will also be shown in a balloon in the project overview).

History

Shows who created and edited the project.

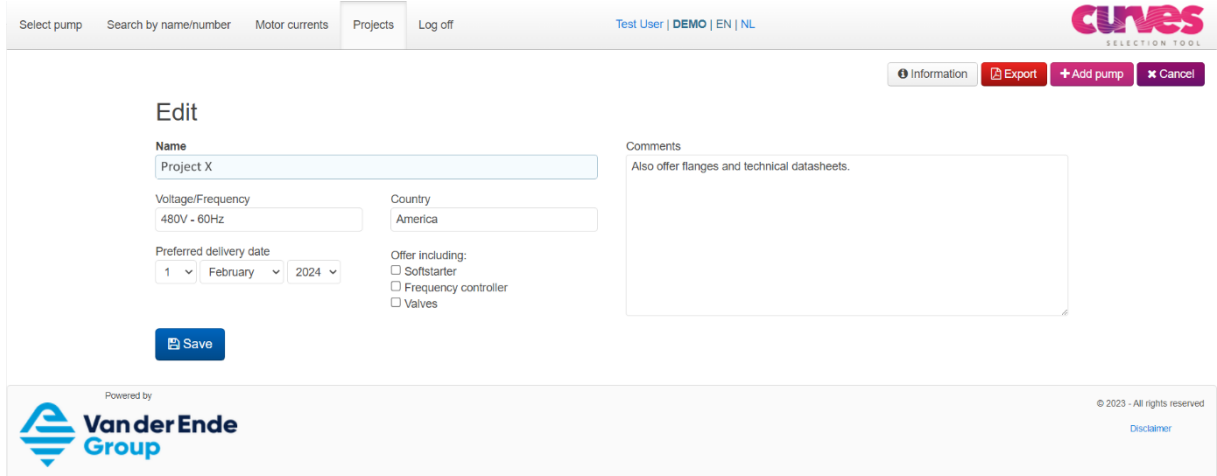
Pumps

-  Click and hold this icon to change the order of the pumps (drag and drop).
- Remarks Additional remarks about the pump, for example the intended application.
- Quantity The quantity of pumps can be changed here.
- Pump name Click the pump name to show the curve again.

Other

- Information
- Export
- + Add pump
- Submit
- ✕ Cancel

- **Export** Creates a PDF of the project.
- **Add pump** Shortcut to “Select pumps”.
- **Submit** Sends project details to Van der Ende Group, so that a price quotation can be produced.



Select pump Search by name/number Motor currents **Projects** Log off Test User | DEMO | EN | NL **curves** SELECTION TOOL

Information Export + Add pump ✕ Cancel

Edit

Name
Project X

Voltage/Frequency
480V - 60Hz


Country
America

Preferred delivery date
1 February 2024

Offer including:
 Softstarter
 Frequency controller
 Valves

Comments
Also offer flanges and technical datasheets.

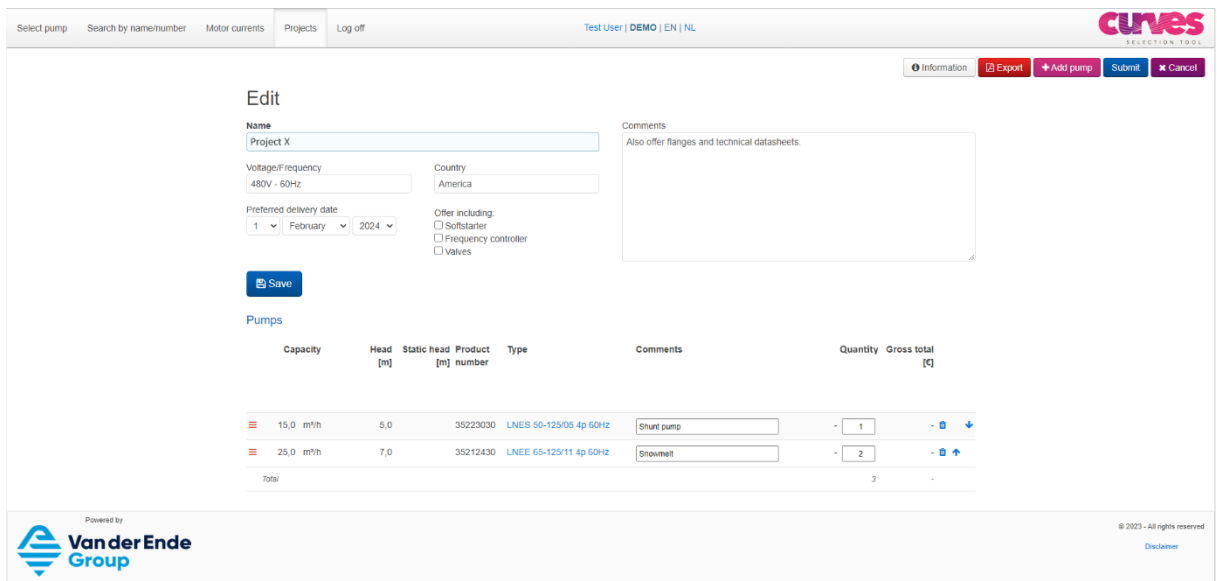
Save

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5.4 Submit project / request price quotation

After you have added all the pumps required for a project, you can request a price quotation for this project. To do this, open the project on the project page and click “Submit”. You will then be asked whether you are sure: click “OK” or “Cancel”.

If you click “OK”, our Sales department will receive a message, and they will send you an email as soon as possible with a price quotation for the selected pumps.



Select pump Search by name/number Motor currents **Projects** Log off Test User | DEMO | EN | NL **curves** SELECTION TOOL

Information Export + Add pump **Submit** ✕ Cancel

Edit

Name
Project X

Voltage/Frequency
480V - 60Hz

Country
America

Preferred delivery date
1 February 2024


Offer including:
 Softstarter
 Frequency controller
 Valves

Comments
Also offer flanges and technical datasheets.

Save

Pumps

Capacity	Head [m]	Static head [m]	Product number	Type	Comments	Quantity	Gross total [€]
15,0 m³/h	5,0		35223030	LNES 50-125/05 4p 60Hz	Shunt pump	1	
25,0 m³/h	7,0		35212430	LINEE 65-125/11 4p 60Hz	Snowmelt	2	
Total						3	-

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5.5 Change a submitted project

You can still change a project that has already been submitted. Click “Revise” to create a new version in which you can make changes. The revised request can then be treated as a normal project and re-submitted.

Information
Export
Revise
Cancel

Test User | DEMO | EN | NL

Select pump
Search by name/number
Motor currents
Projects
Log off

Test User | DEMO | EN | NL

Information
Export
Revise
Cancel

View

Name
Project X

Voltage/Frequency
480V - 60Hz

Country
America

Preferred delivery date
01-02-2024


Submitted
28-02-2023 | Test User

Comments
Also offer flanges and technical datasheets.

Offer including:
 Softstarter
 Frequency controller
 Valves

Pumps

Capacity	Head [m]	Static head [m]	Product number	Type	Comments	Quantity	Gross total [€]
15.0 m³/h	5.0		35223030	LINEE 50-125/05 4p 60Hz	Shunt pump	1	-
25.0 m³/h	7.0		35212430	LINEE 65-125/11 4p 60Hz	Snowmelt	2	-
Total						3	-



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5.6 Add pumps to an existing project

1. Select a pump from the search results.

Select pump
Search by name/number
Motor currents
Projects
Log off

Test User | DEMO | EN | NL

Information
Export
Revise
Cancel

Name or number (exactly)
LINEE 125

Voltage/Frequency
440-480V 60Hz

Poles
4

Implementation
- All -

Search

Pump	Q max [m³/h]	Q max [m³/h]	H max [m]	H max [m]	BEP [m³/h]	Gross price [€]
LINEE 50-125/11 4p 60Hz	9.0	34.0	4.96	9.18	22.62	-
LINEE 50-125/11X D125 4p 60Hz	7.0	28.5	3.90	7.33	19.74	-
LINEE 50-125/11X D130 4p 60Hz	8.0	30.0	4.34	8.07	20.64	-
LINEE 65-125/11 4p 60Hz	14.0	53.0	2.90	8.77	33.48	-
LINEE 65-125/11-A 4p 60Hz	12.0	49.0	2.45	7.58	31.20	-
LINEE 65-125/11X D110 4p 60Hz	11.0	44.0	1.82	6.12	28.02	-

Results 1 up to 6 from 37. Go to page: 1 2 3 4 5 ...

LINEE 50-125/11 4p 60Hz

General

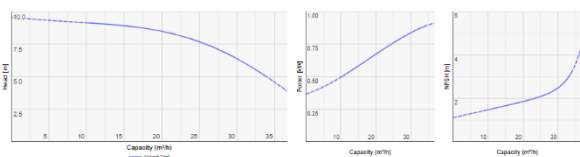
Product number: 35212299
 Gross price: To be determined
 Frequency: 60 Hz
 Poles: 4
 Power: 1.10 kW
 Motor: 3x205-230-408-480V
 DNx / DNd: 50 / 68
 Pressure rating: PN16
 Isoline: Yes
 Symmetric: No
 Stock product: No

Capacity

Minimum: 9 m³/h
 Maximum: 34 m³/h
 BEP: 23 m³/h

Dimensions

Mounting size: 340 mm
 Height: 514 mm
 Weight: 45 kg
 Impeller: 120.0 mm



2. Click the dropdown arrow and select the required project.

Motor currents Projects Log off Test User | DEMO | EN | NL

Name or number (exactly)
LNE 125

Voltage/Frequency
440-480V 60Hz

Poles
4

Implementation
- All -

Pump	Q _{min} [m³/h]	Q _{max} [m³/h]	H _{min} [m]	H _{max} [m]	BEP [m³/h]	Gross price [€]
LNEE 50-125/11 4p 60Hz	9,0	34,0	4,96	9,18	22,62	-
LNEE 50-125/11X D125 4p 60Hz	7,0	28,5	3,80	7,33	19,74	-
LNEE 50-125/11X D130 4p 60Hz	8,0	30,0	4,34	8,07	20,64	-
LNEE 65-125/11 4p 60Hz	14,0	53,0	2,90	8,77	33,48	-
LNEE 65-125/11A 4p 60Hz	12,0	49,0	2,45	7,58	31,26	-
LNEE 65-125/11X D118 4p 60Hz	11,0	44,0	1,82	6,12	28,02	-

Results 1 up to 6 from 37. Go to page: 1 2 3 4 5 ...

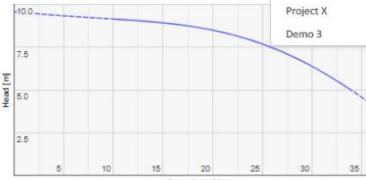
1 Comments

- Project X
- Kwakerij A
- Project X
- Project X
- Kwakerij B
- Demo 1
- Kwakerij C
- Project X
- Kwakerij D
- Project X
- Demo 2
- Kwakerij E
- Project X
- Demo 3

LNEE 50-125/11 4p 60Hz

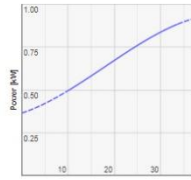
General

Product number 35212260
Gross price To be determined
Frequency 60 Hz
Poles 4
Power 1,10 kW
Motor 3x208-230+400-480V
DNs / DNd 50 / 50
Pressure rating PN16
Inline Yes
Symmetric No
Stock product No



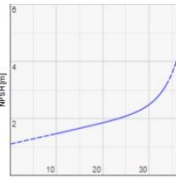
Head [m]

Capacity [m³/h]



Power [kW]

Capacity [m³/h]



BEP [m³/h]

Capacity [m³/h]

3. The selected project will then be displayed in the green bar and further pumps can be added by clicking this green bar.

Select pump Search by name/number Motor currents Projects Log off Test User | DEMO | EN | NL **curves** SELECTION TOOL

Name or number (exactly)

Voltage/Frequency
440-480V 60Hz


Poles
- All -

Implementation
- All -

Enter search criteria

1 Comments

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5.7 Add pumps to an unsaved project

1. Select a pump from the search results.

Select pump | Search by name/number | Motor currents | Projects | Log off | Test User | DEMO | EN | NL | **curves** SELECTION TOOL

Capacity: 55,0 m³/h | Margin to BEP [%]: 60 | Voltage/Frequency: 440-480V 60Hz

Head [m]: 14,3 | Margin [%]: 90 | Poles: - All -

Static head [m]: | DNd: - All - | Implementation: Inline

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNEE 80-160/40 4p 60Hz	55,3	14,5	2,86	77,3	1,52	-
LNES 80-200/55A 4p 60Hz	59,9	17,0	3,74	74,0	2,10	-
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNES 100-250/4275 6p 60Hz	55,3	14,4	3,03	72,0	0,00	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

6 results found.

1 | Comments |

LNES 80-200/40 4p 60Hz

Requested operating point	General	Capacity
Capacity: 55,0 m ³ /h	Product number: 35213310	Minimum: 17 m ³ /h
Head: 14,3 m	Gross price: To be determined	Maximum: 89 m ³ /h
Static head: 0,0 m	Frequency: 60 Hz	BEP: 61 m ³ /h
Hydraulic intersection point	Poles: 4	Dimensions
Capacity: 56,2 m ³ /h	Power: 4,00 kW	Mounting size: 500 mm
Head: 14,9 m	Motor: 3x208-230+400-480V	Height: 713 mm
Power: 3,13 kW	DNs / DNd: 80 / 80	Weight: 106 kg
Efficiency: 72,4 %	Pressure rating: PN16	Impeller: 189,0 mm
NPSH: 2,02 m	Inline: Yes	
	Symmetric: No	
	Stock product: No	

2. Choose the quantity of required pumps and click “Add to unsaved project”.

Select pump | Search by name/number | Motor currents | Projects | Log off | Test User | DEMO | EN | NL | **curves** SELECTION TOOL

Capacity: 55,0 m³/h | Margin to BEP [%]: 60 | Voltage/Frequency: 440-480V 60Hz

Head [m]: 14,3 | Margin [%]: 90 | Poles: - All -

Static head [m]: | DNd: - All - | Implementation: Inline

Pump	Q [m ³ /h]	H [m]	P [kW]	η [%]	NPSH [m]	Gross price [€]
LNEE 80-160/40 4p 60Hz	55,3	14,5	2,86	77,3	1,52	-
LNES 80-200/55A 4p 60Hz	59,9	17,0	3,74	74,0	2,10	-
LNES 80-200/40 4p 60Hz	56,2	14,9	3,13	72,4	2,02	-
LNES 100-250/4275 6p 60Hz	55,3	14,4	3,03	72,0	0,00	-
LNEE 65-200/40 4p 60Hz	58,4	16,1	3,81	67,6	3,38	-
LNEE 65-250/40 4p 60Hz	58,4	16,1	3,86	66,7	3,15	-

6 results found.

4 | Comments |

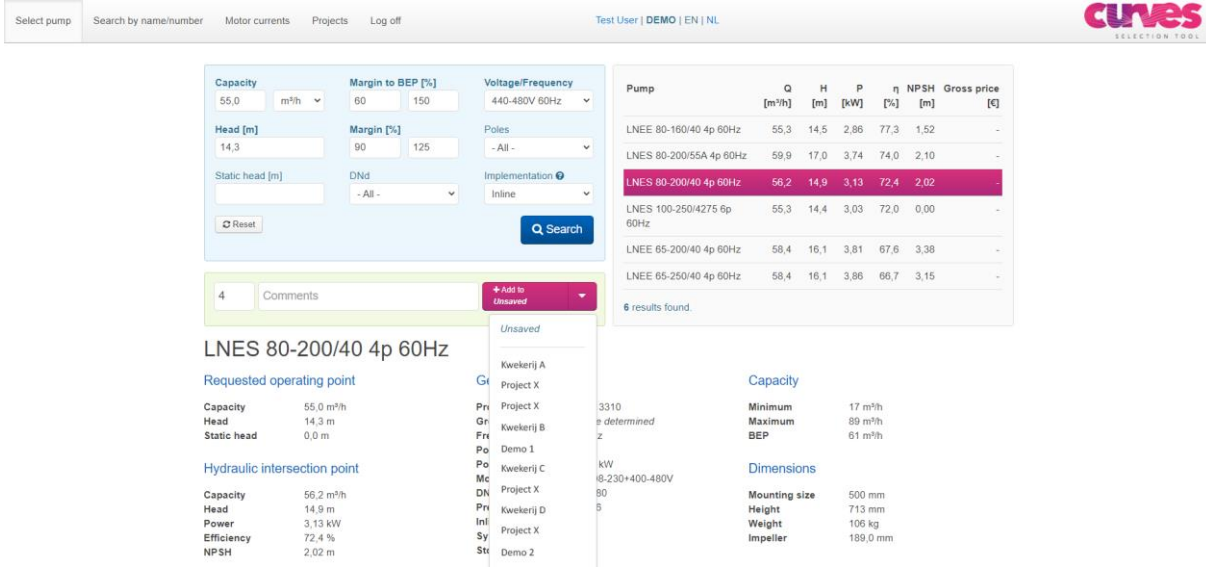
LNES 80-200/40 4p 60Hz

3. The pump(s) will be added to the project. This will be shown by a message at the top of the screen.

4. Further pumps can be searched and added in the same way.

5.8 Save an unsaved project

An unsaved project can be viewed by clicking the pencil icon



The screenshot shows the CURVES Selection Tool interface. At the top, there are navigation tabs: 'Select pump', 'Search by name/number', 'Motor currents', 'Projects', and 'Log off'. The user is logged in as 'Test User | DEMO | EN | NL'. The 'Projects' tab is active, showing a list of projects with columns for Capacity, Margin to BEP [%], Voltage/Frequency, Head [m], Margin [%], Poles, Static head [m], DNd, and Implementation. A search button is visible.

Below the search filters, there is a section for 'Comments' with a text input field containing '4' and an 'Add to Unsaved' button. A dropdown menu is open, showing a list of projects including 'Project X', 'Kwekerij A', 'Kwekerij B', 'Demo 1', 'Kwekerij C', 'Project X', 'Kwekerij D', 'Project X', and 'Demo 2'.

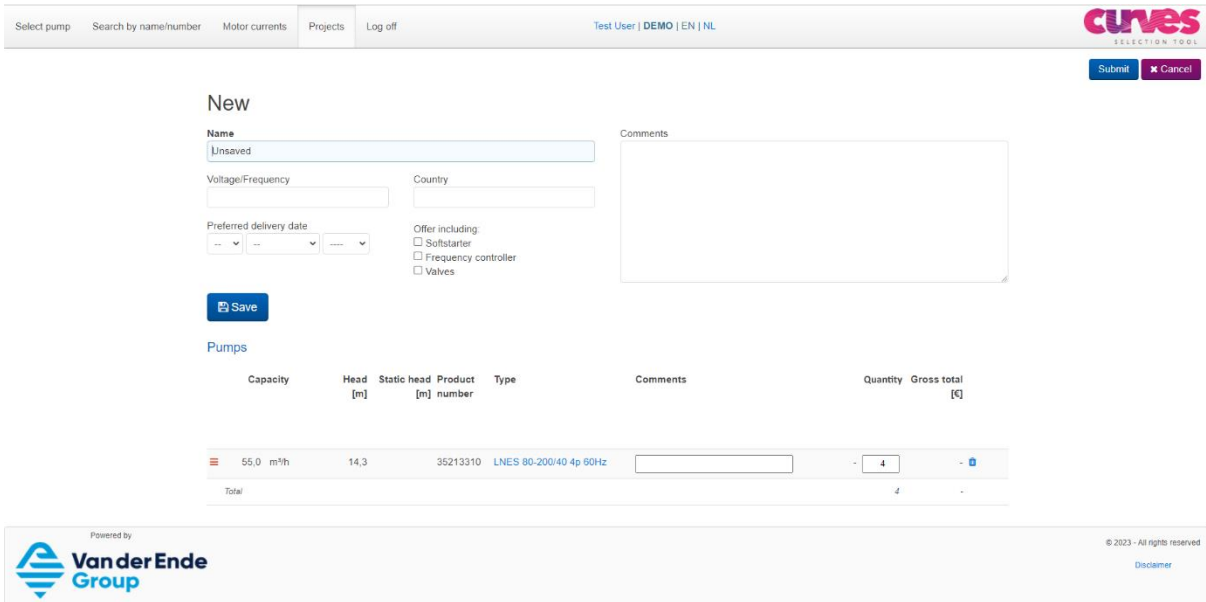
The main content area displays the details for the selected project: 'LNES 80-200/40 4p 60Hz'. It shows the 'Requested operating point' and 'Hydraulic intersection point' with various parameters like Capacity, Head, Static head, Power, Efficiency, and NPSH. A table of 'Pumps' is also visible, listing different pump models and their specifications.

or opening the unsaved project on the project page.



The screenshot shows the CURVES Selection Tool interface with a notification banner at the top. The banner contains the text: 'There is an unsaved project. View or edit'. A 'New' button is visible in the top right corner.

Enter a name in the "Name" field and click "Save" in order to save the project.



The screenshot shows the CURVES Selection Tool interface with the 'New' project creation form. The form has a 'Name' field with the value 'Unsaved', a 'Comments' text area, and a 'Save' button. Below the form, there is a table of 'Pumps' with columns for Capacity, Head, Static head, Product, Type, Comments, Quantity, and Gross total. The table shows one pump entry: 'LNES 80-200/40 4p 60Hz' with a capacity of 55.0 m³/h and a head of 14.3 m. A 'Total' row is also present.

6. IF YOU FORGET YOUR PASSWORD

If you forget the password that was sent to you by email, please call our Sales office on +31 174 51 50 50.