



ENGINEERING FLOW SOLUTIONS

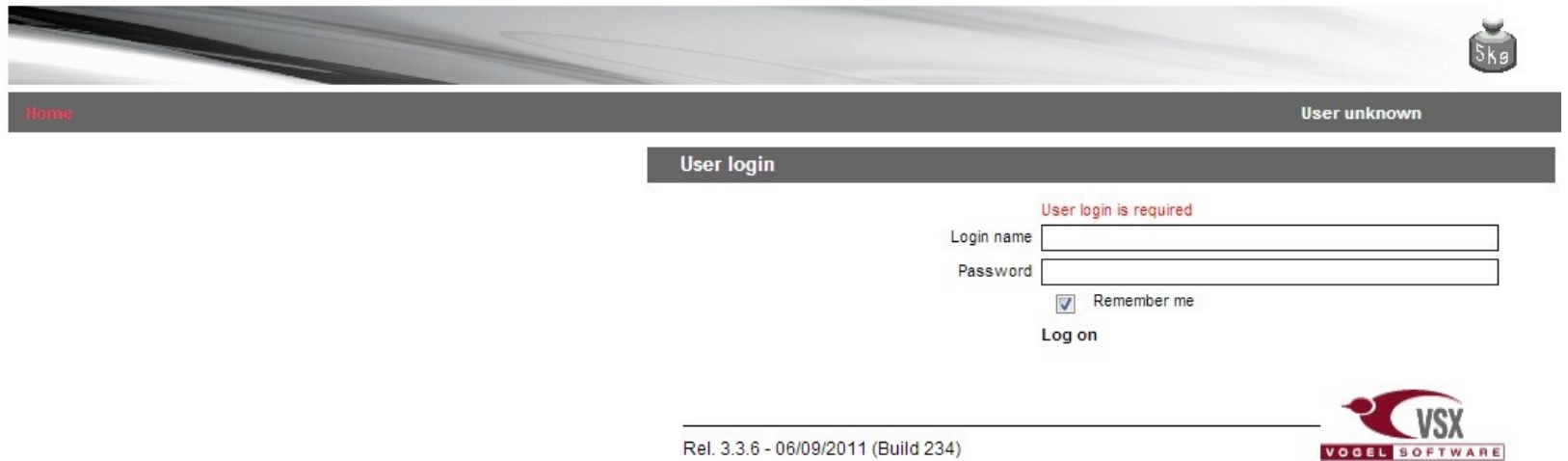
**HMS PUMPS SELECTOR
ONLINE VERSION USER MANUAL**



1

Login page

The following page is displayed at login:



The screenshot shows the login page layout. At the top left is the HMS GROUP logo. Below it is a navigation bar with a 'Home' link. To the right of the navigation bar is a status bar showing 'User unknown' and a user icon. Below the navigation bar is a 'User login' section. This section contains a red error message 'User login is required', followed by input fields for 'Login name' and 'Password'. Below these fields is a checkbox labeled 'Remember me' and a 'Log on' button. At the bottom of the page, there is a footer with the version information 'Rel. 3.3.6 - 06/09/2011 (Build 234)' on the left and the 'VSX VOGEL SOFTWARE' logo on the right.

Home

User unknown

User login

User login is required

Login name

Password

☒ Remember me

Log on

Rel. 3.3.6 - 06/09/2011 (Build 234)

VSX
VOGEL SOFTWARE

Log in with the "User Name" and "Password" provided by the HMS Group at the registration:

User login

User login is required

Login name

Password

☒

Remember me

Log on

- Set the language; the English and the Russian languages are available by now.
- Set the electric motor frequency to be used in further calculations.

Home
PUMP (User)

Pump selection

Hydraulic selection

Search by areas of application

Product search

Settings

Language English (UK)

Frequency 50 Hz

Units

SI-units	US-units
Flow	m ³ /h
Head	m
Power	kW
Speed	1/min
Temperature	°C
Density	kg/m ³
Kin. viscosity	cSt
Pressure	bar
AbsDruck	bar

Set the relevant measuring units as SI– or US–ones. The measuring unit can be set independently for each value in the corresponding row.
Make sure you set the right measuring units to get a correct pump selection result.

Pump selection



Hydraulic selection



Search by areas of application



Product search

Settings

Language English (UK)

Frequency 50 Hz

Units

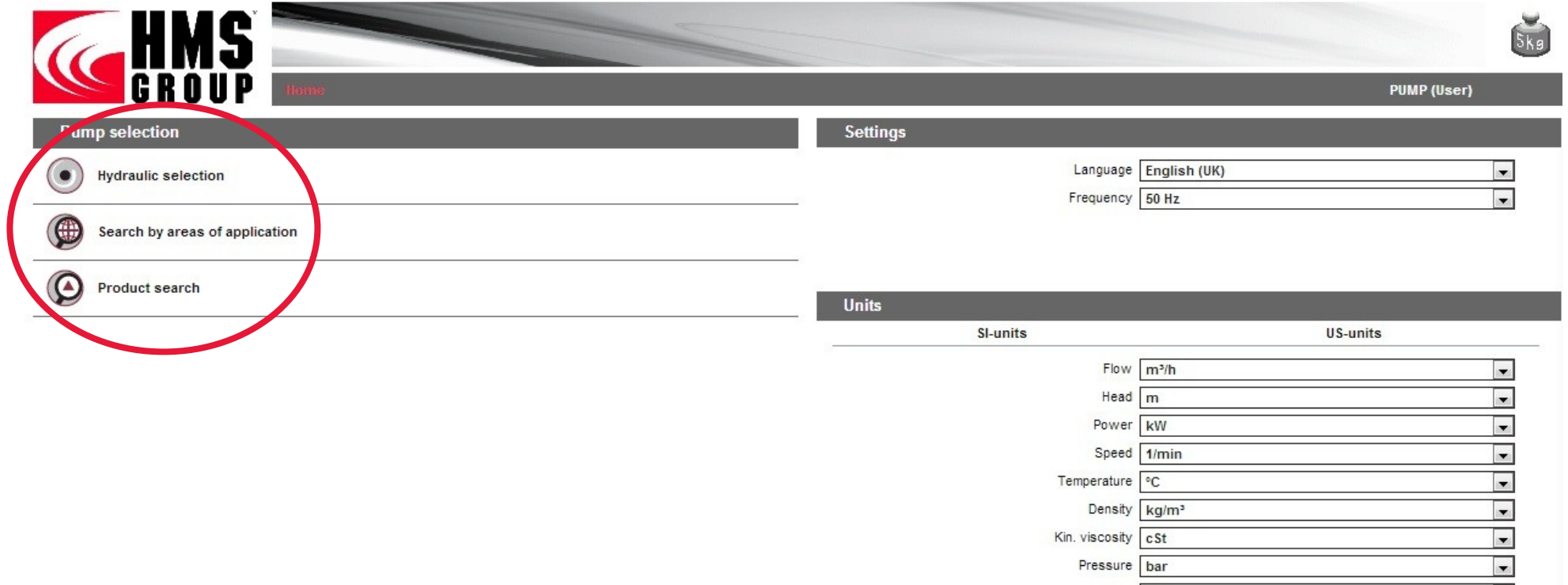
SI-units


US-units

Flow	m³/h
Head	m
Power	kW
Speed	1/min
Temperature	°C
Density	kg/m³
kin. viscosity	cSt
Pressure	bar
absDruck	bar
Dimensions	mm
Velocity	m/s
Volume	l

There are three options a pump can be selected by:

- Hydraulic selection (duty point)
- Areas of application
- Product type search




Home
PUMP (User)

Pump selection

☒ Hydraulic selection

☐ Search by areas of application

☐ Product search

Settings

Language English (UK)



Frequency 50 Hz

Units


	SI-units	US-units
Flow	m³/h	
Head	m	
Power	kW	
Speed	1/min	
Temperature	°C	
Density	kg/m³	
Kin. viscosity	cSt	
Pressure	bar	

Hydraulic (duty point) pump selection

Pump selection according to required operating parameters (duty point):

- Select pump category and type
- Specify the operating point by entering the “Total flow” and “Total head” values.
- **Check the measuring units for specified values to get a correct result.**
- Select the pump series in which you want to find a model with a given operating point.
- Press the button  to select all pumps series.
- Press the button  to see the performance range of selected series.
- Click “Start” to launch the selection. The program will select the pump with parameters that are the closest to the duty point specified and form a list of them. Click any pump model in the list to see its parameters and complete selection by that.

Areas of application



Pump for water

☒ Submersible pumps

FRS
 CRS

☒ Double suction pumps

D pumps

Search options

Duty point

Total flow

25

m³/h

Total head

100

m

Static head

0

m

Qmin / Qopt

50

%

Qmax / Qopt

125

%

Available system NPSH

0

m

Max. inlet pressure head

0

m

Usable inlet pressure head

0

m

Series

Nature of system

Single pump

+ No standby pump

Series

HMS Group CRS 6

HMS Group CRS 8

HMS Group CRS10

HMS Group CRS12

Sort by

Efficiency

Maximum quantity


Unlimited

Back



Start


Pump selection by areas of application

Pump selection without specific parameters entered:

- Select the pump category and type.
- Select the pump series to find a right model within.
- Press the button  to select all series if necessary.
- Then click “Start” button to run the selection process.


Areas of application






Pump for water

- ☒ Submersible pumps
 - FRS
 - CRS
- ☒ Double suction pumps
 - D pumps

Series



	Make	Series	Descript
<input checked="" type="checkbox"/> 	HMS Group	D	Double suction pumps. D series



Search

Sort by **Pumps**

Maximum quantity **Unlimited**

 **Back**
 **Start**

Pump selection by search for a specific product

Direct selection of the pump model from specific pump series.

- Enter the pump series.
- Click "Start" to receive a list of pumps within given series.

Search
Here you can look for a pump by name or part number.

Search key

Search of the pump

by part number

by name

Make HMS Group

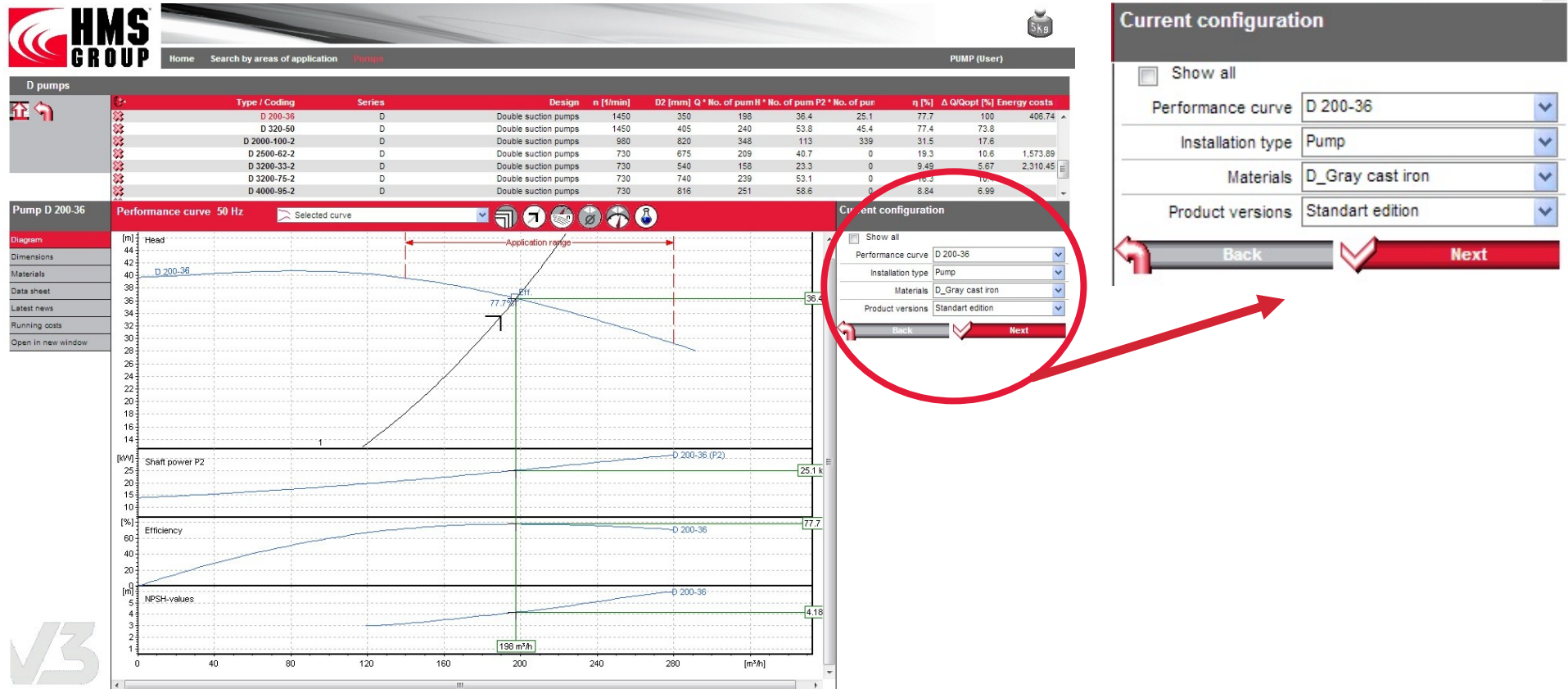
Further options

Sort by

Maximum quantity

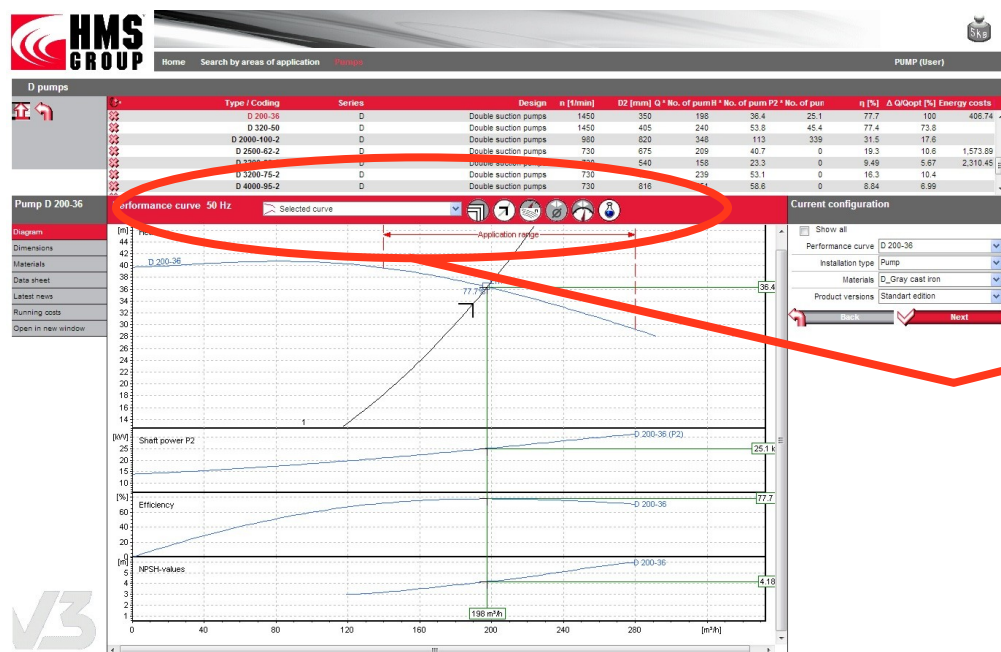
The pump model selection results can be adapted for better readability:

- In the section “Current configuration” it is possible to set preferable view of operating curve, mounting type, materials, product version. Put a tick “Show all” to see the detailed parameters of selected pump model.



“Preview Panel”. The operating curves are displayed for selected pump model. The following display options are available:

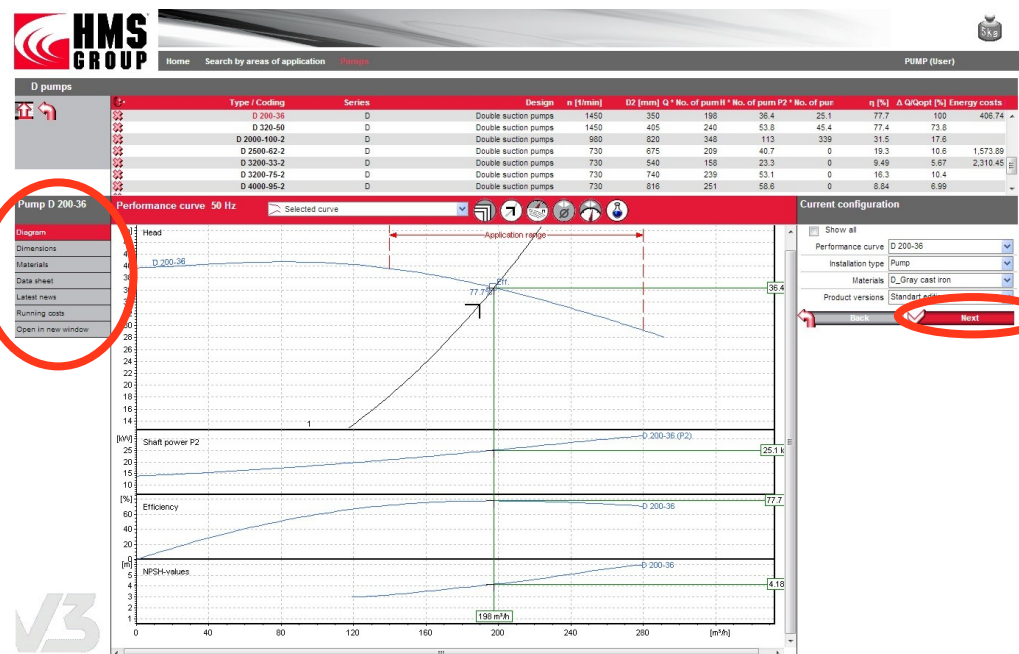
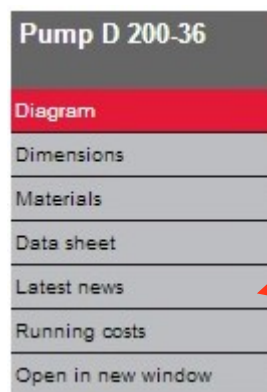
- 1 - Curve type settings.
- 2 - Settings of operating curves, maximum efficiency points, operating points.
- 3 - Editing of operating points or deleting/adding new operating point.
- 4 - Settings of the curves family depending on rotation speed.
- 5 - Setting of the impeller trim option to required operating point (available for double suction pumps type only).
- 6 - Setting of the operating speed.
- 7 - Setting of the pumped liquid properties.



Selected pump model. The following display options are available:

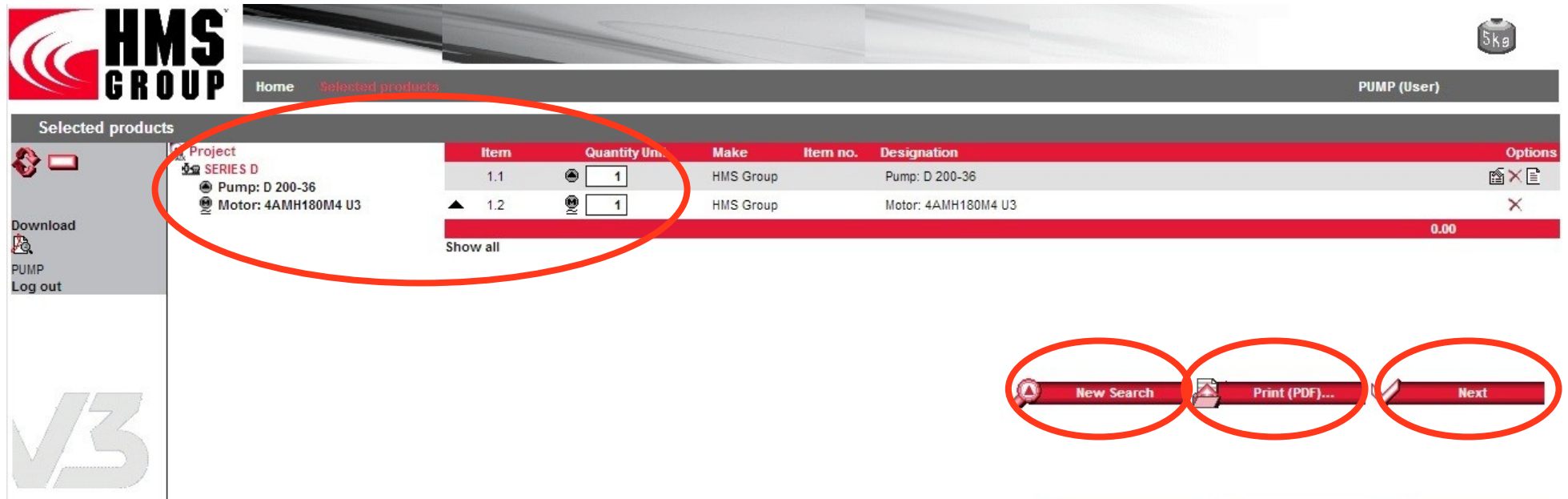
- Diagram: operating parameters.
- Dimensions: drawing with main dimensions.
- Materials: material combination for the main parts.
- Data sheet: preview data sheet of selected model.
- Latest news: information about factory manufacturing this model and its products.
- Running costs: calculation of operating costs for selected model.
- Open in a new window: all information will be shown in a new window.

Click the “Next” button to see all selected models.






Selected products: displays the list of selected products. Product components and their number can be changed.

- “New Search”: redirection to the home page to start a new selection.
- “Print (PDF)”: creates a PDF file with the datasheet of selected model to be saved or printed out.
- “Next”: redirection to the page allowing to send the request to HMS Group via email.



Selected products

Project
 SERIES D
 Pump: D 200-36
 Motor: 4AMH180M4 U3

Item	Quantity	Unit	Make	Item no.	Designation	Options
1.1	1		HMS Group		Pump: D 200-36	 
1.2	1		HMS Group		Motor: 4AMH180M4 U3	


Show all

0.00

New Search Print (PDF)... Next

After the selected product specifications have been created the inquiry can be submitted or sent by email:

- In the “Send inquiry” section provide your contact email, set the inquiry type and specification export format.
- In the “Delivery address” section provide appropriate contact details. Fields with an asterisk (*) are mandatory. Put a tick “Update my contact data accordingly” to save all the changes made in your profile.

Send inquiry	
Send to	<input type="checkbox"/> Send to <input type="text"/>
Inquiry type	<input checked="" type="radio"/> Product inquiry <input type="radio"/> Order
Export format	<input checked="" type="radio"/> Project data set in 'Catalogue Exchange Format' <input type="radio"/> Project data set in 'Catalogue Exchange XML Format' <input type="radio"/> Data sheets in PDF format
Delivery address	
Address	<div> <div>Customer's number <input type="text"/></div> <div>Company <input type="text"/></div> <div>Street * <input type="text"/></div> <div><input type="text"/></div> <div>Country code, Zip code, City * <input type="text"/> <input type="text"/> <input type="text"/></div> </div> <div> <div> <div>First name <input type="text"/></div> <div>Last name * <input type="text"/></div> <div>E-mail * <input type="text"/></div> <div>Phone number <input type="text"/></div> <div>Fax no. <input type="text"/></div> </div> <div> <input checked="" type="checkbox"/> Update my contact data accordingly </div> </div> <div> <div>free-text field</div> <div> <input type="text"/> </div> <div> Please use English (UK) language for this field only. Using incompatible charsets may lead to unreadable text. </div> </div>
Please fill in all fields marked with (*), because otherwise no processing can be made.	
<div>  </div>	