VULKAN EP
ENGINEERING PORTAL

Registering for the **VULKAN Engineering Portal** allows you to edit coupling hubs to the required connection dimensions and then download the coupling as a CAD model.

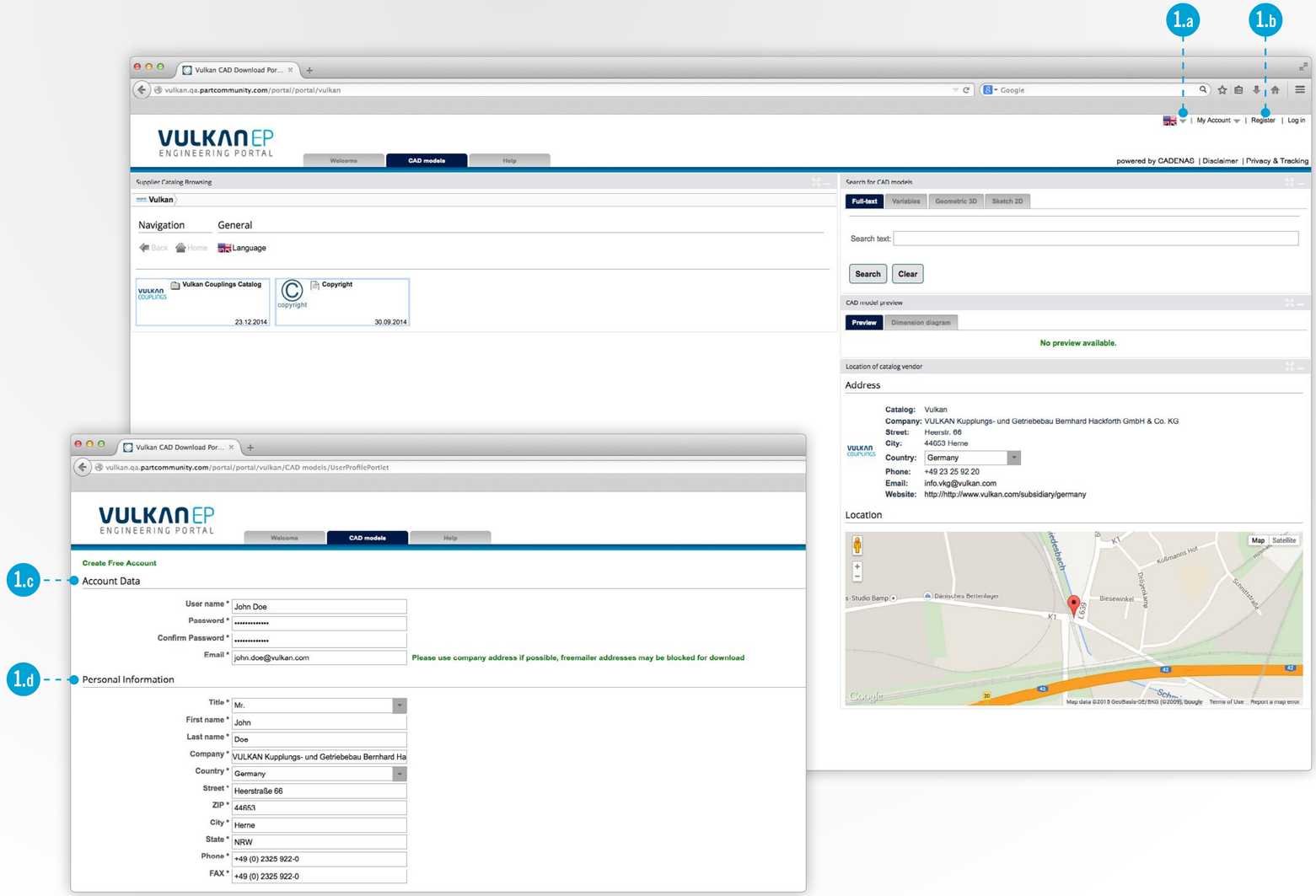
1. REGISTRATION

1.a Select the desired **language**.

1.b Select **Create access**.

1.c **Access data:** Enter a username and password. Your password must be at least 6 characters long (max. 60) and contain at least one lower case, one upper case and one number. For the e-mail address, please give your business e-mail address. Private e-mail addresses are sometimes prohibited from downloading.

1.d **Personal details:** Please use your company contact details. Please use the same number for telephone and fax.



Once you have registered, you will receive an e-mail with an activation link for the **VULKAN Engineering Portal**.

ACTIVATION

Click on the link in the e-mail. By doing so, you confirm that access for the e-mail address specified should be enabled.

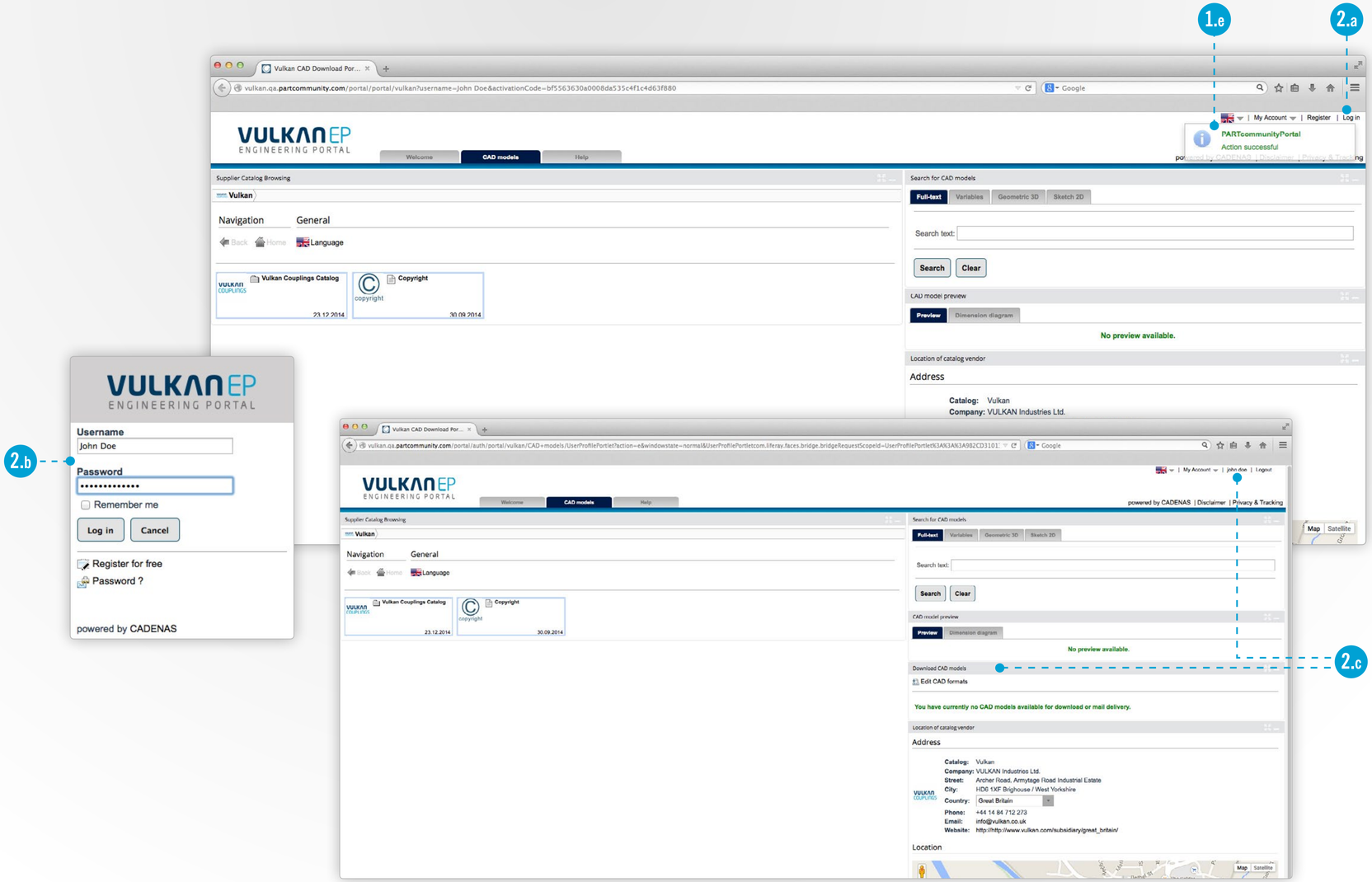
1.e You will receive a message confirming **Action successful**, which completes your registration.

2. LOGIN

2.a Select **Login.**

2.b Enter your **Username** and **Password**.

2.c Once successfully logged in, your username will appear in the top menu and the menu item **Download CAD** models will be added.



3. PRE-SETTING CAD FORMATS

3.a Click on **Select CAD formats.**

3.b Click on **Add CAD formats.**

A settings dialogue will open for:

3.c **Type of generation**

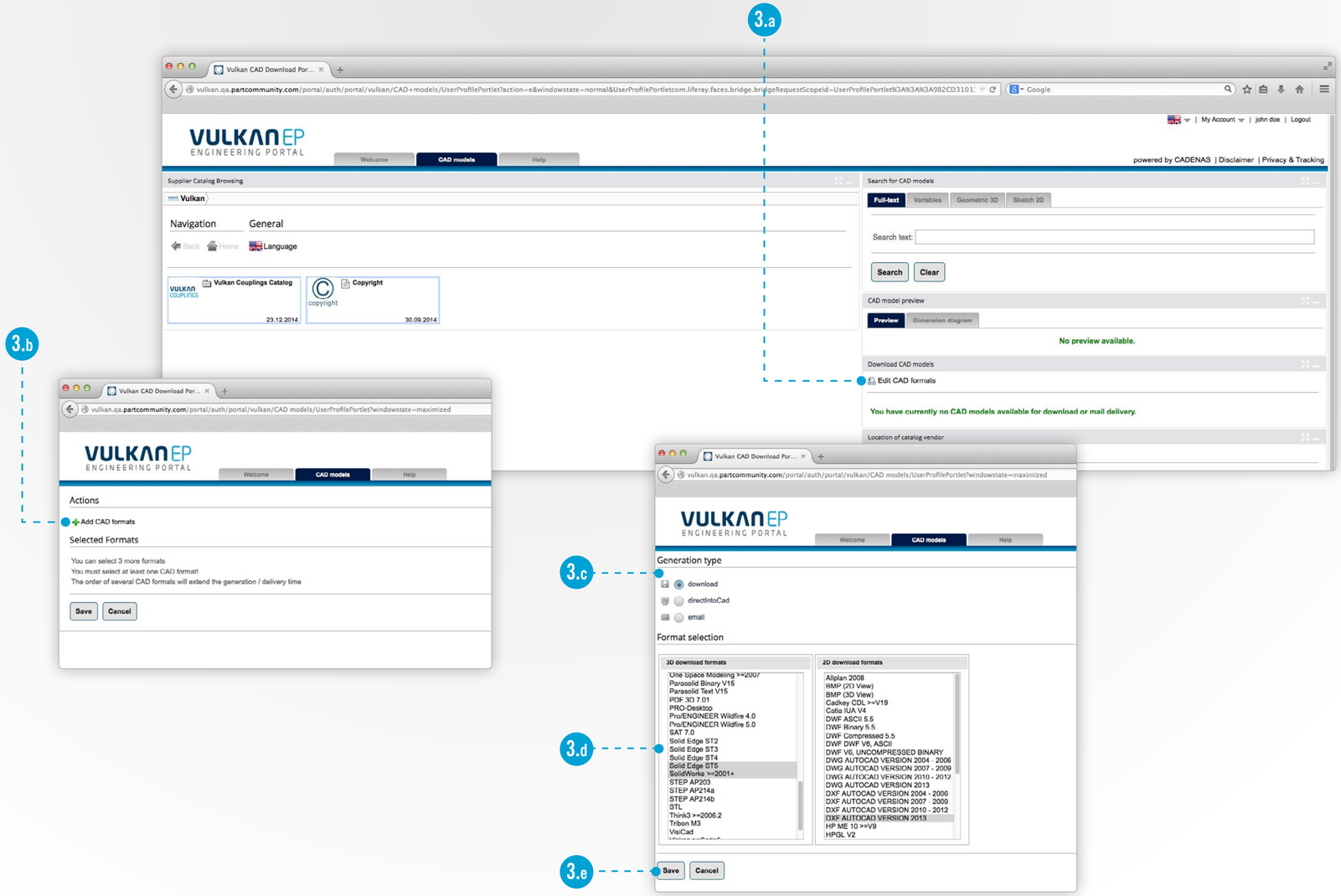
Select an option for how and in what formats the CAD file should be provided for you. The **Formats** may vary depending on the T**ype of generation.**

3.d **Select format**

Select at least 1 format (max. 10 for all generations types together). You can select multiple formats using the CTRL key.

3.e **Save** your selection.

You can view and change your saved settings any time by clicking on **Select CAD formats** 3.a again.



4. HOW DO I FIND THE RIGHT COUPLING?

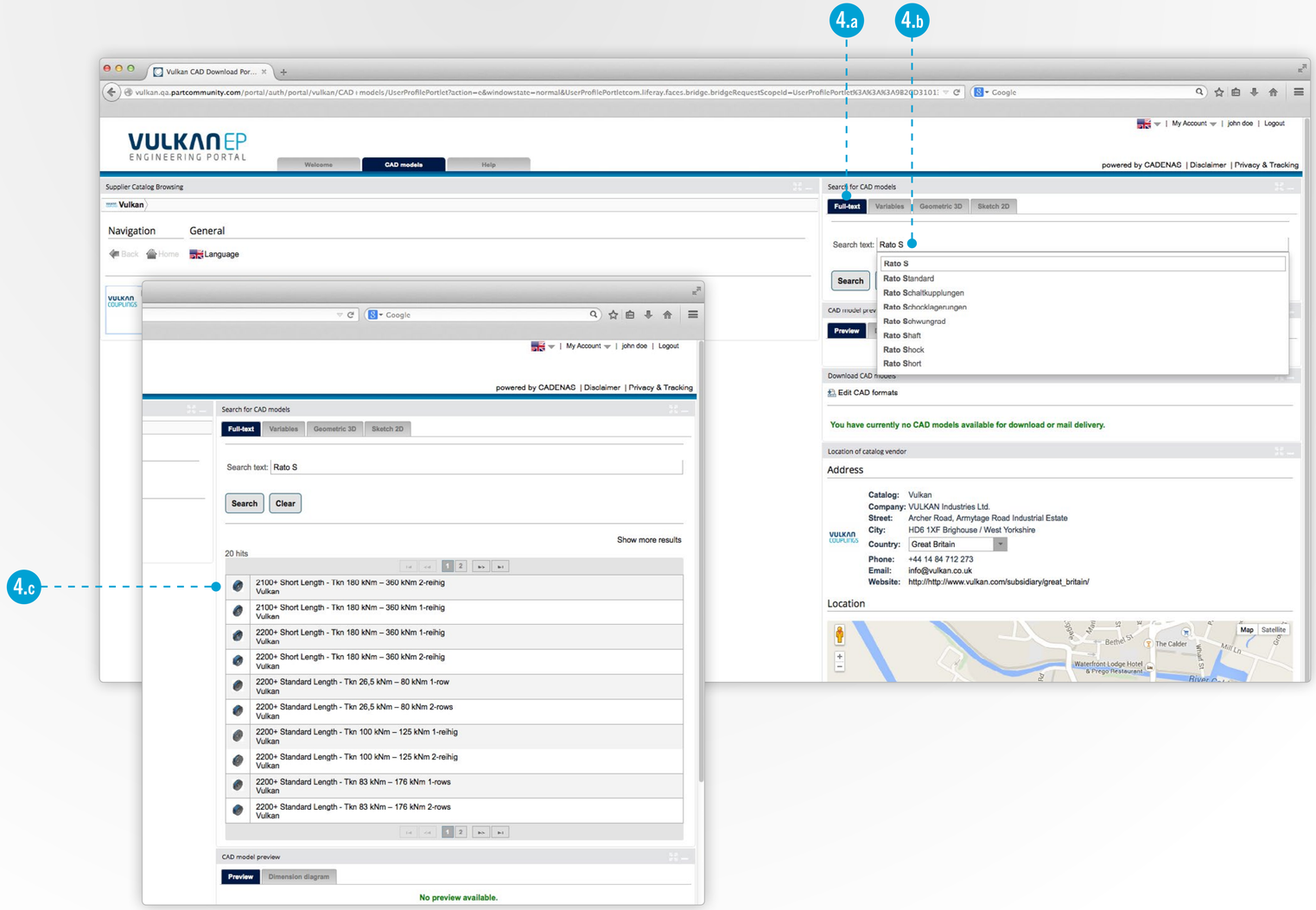
Selection via full-text search

If you already know what type of coupling you need, you can get to the required coupling directly from the homepage by running a full-text search.

4.a Select the **Full text** tab.

4.b Enter the required coupling type in the **Search text** field and select a coupling type from the proposed solutions.

4.c You can now select the right coupling from the search results via the series and torque range required.



4. HOW DO I FIND THE RIGHT COUPLING?

Selection using system parameters

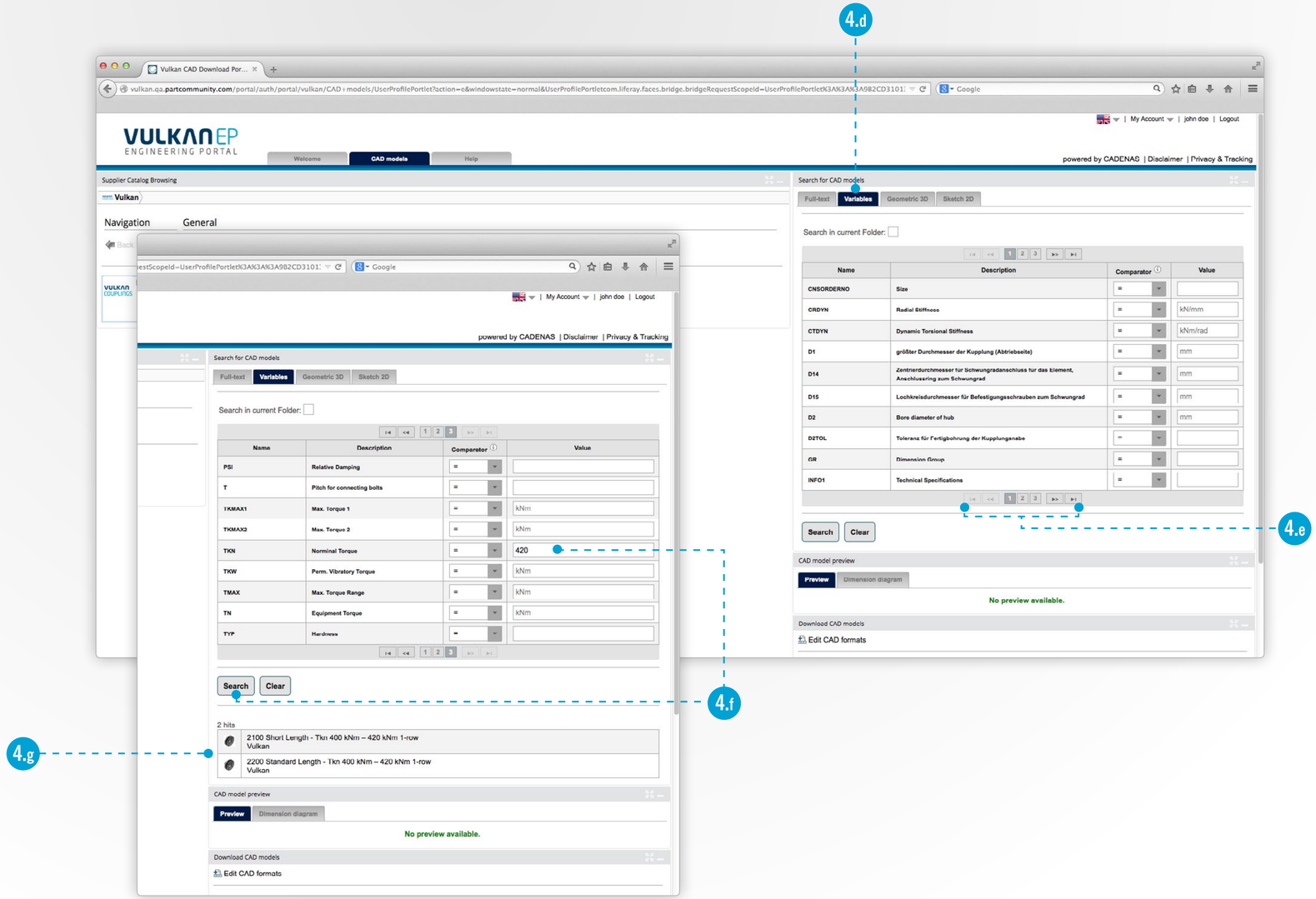
If you know the unit torque TN, you can also select a coupling via the variable TKN, the nominal torque of the coupling.

4.d Select the **Variables** tab.

4.e The variables are sorted alphabetically;
scroll through the list until you find the page with the required variable.

4.f Enter the appropriate value for the variable in the **Value** search box, then click **Search.**

4.g You can now select the right coupling from the search results via the series and torque range required.



4. HOW DO I FIND THE RIGHT COUPLING?

Selecting the product

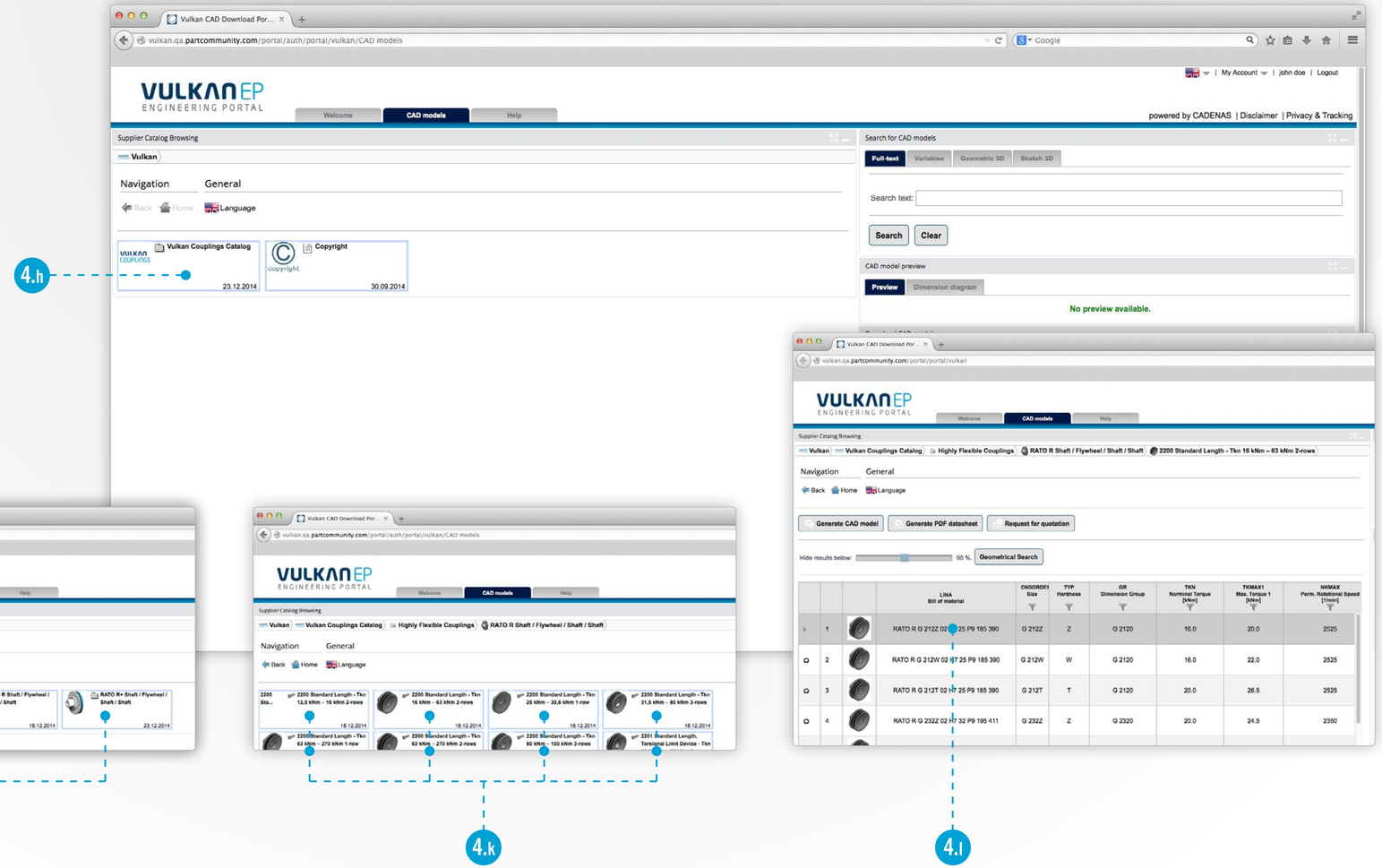
4.h Select **VULKAN couplings catalogue.**

4.i Click on **Highly flexible couplings.**

4.j Search for an appropriate **Coupling type.**

4.k Select the **Series** and the **Design** of the coupling type.

4.l Now select the **Size** of the coupling based on the required **Torque** and the **Rubber hardness.**



5. EDITING THE CONNECTION DIMENSIONS FOR THE HUB CONNECTION

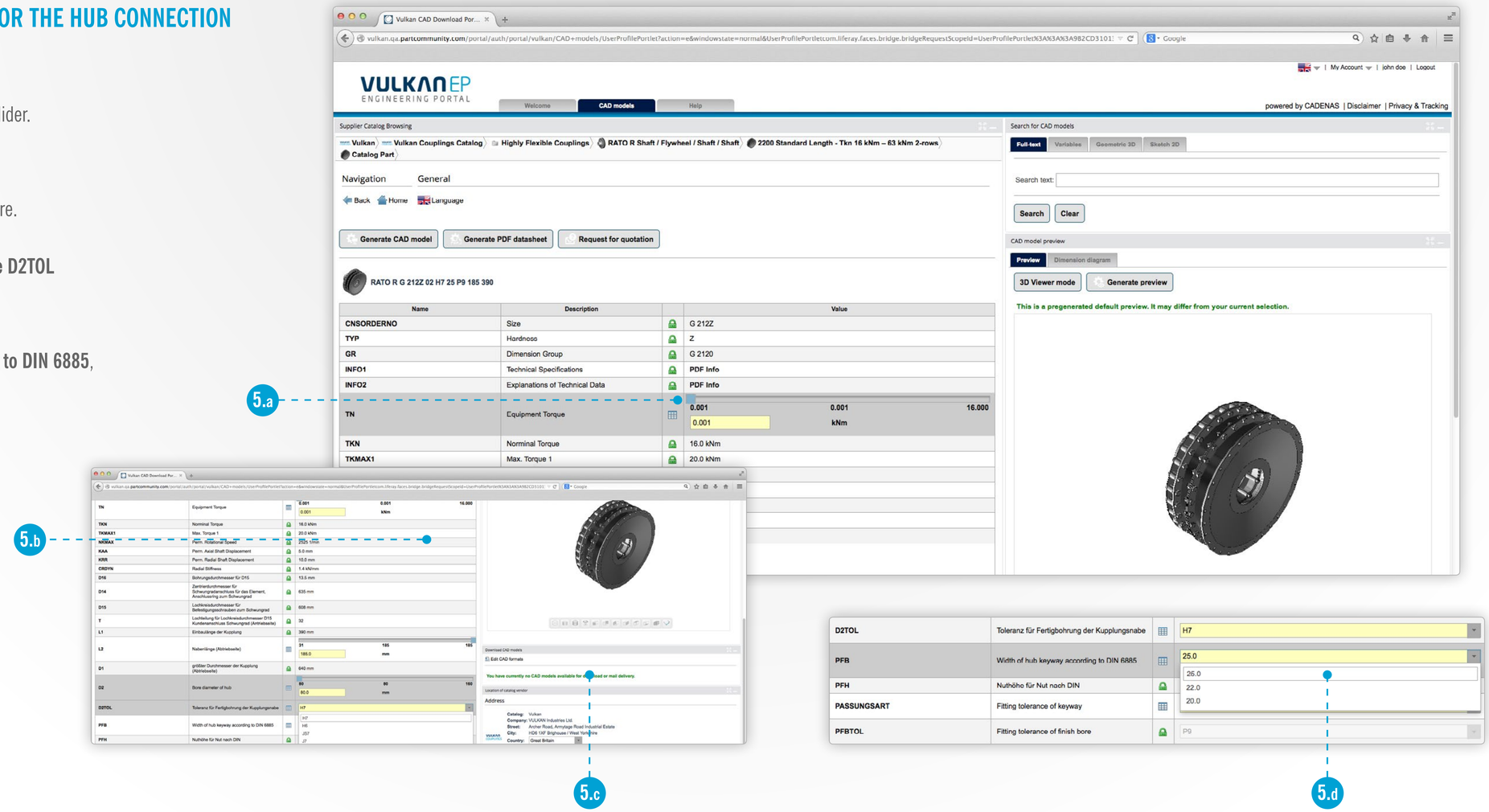
Diameter of hub bore

5.a You can set the **Torque TN** for this unit using the slider.

5.b Please consider the calculated minimum diameter **D2min** for previously entered system torque TN here.

5.c You can select the required fit for the **Fit tolerance D2TOL** from the drop-down list.

5.d For changing the **width of hub keyway according to DIN 6885**, please choose „no“ in the dropdown list.



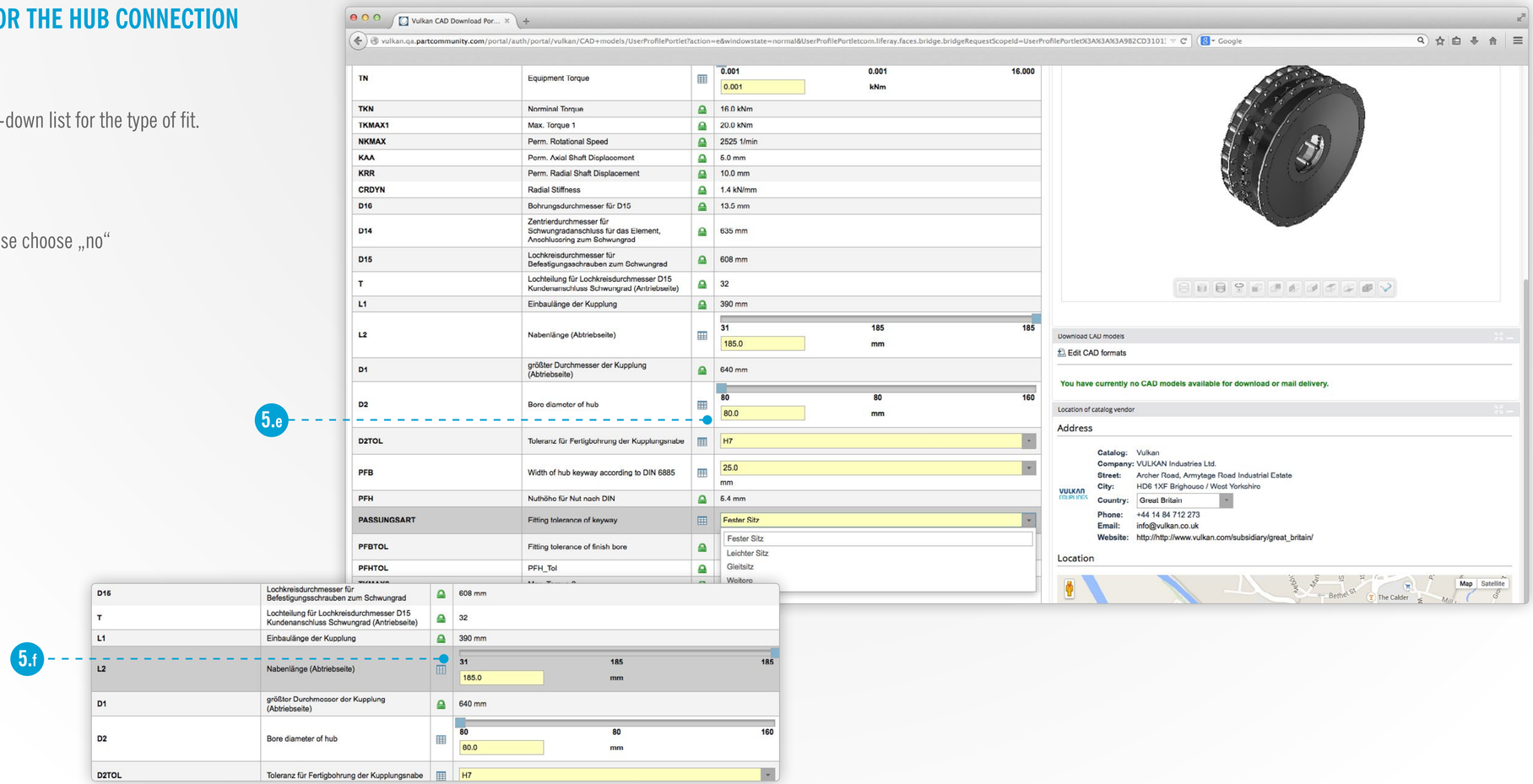
5. EDITING THE CONNECTION DIMENSIONS FOR THE HUB CONNECTION

Fit of the key

5.e The fit of the key can be determined using the drop-down list for the type of fit.

Adjusting the hub length

5.f For changing the **standard length of the hub**, please choose „no“ in the dropdown list.

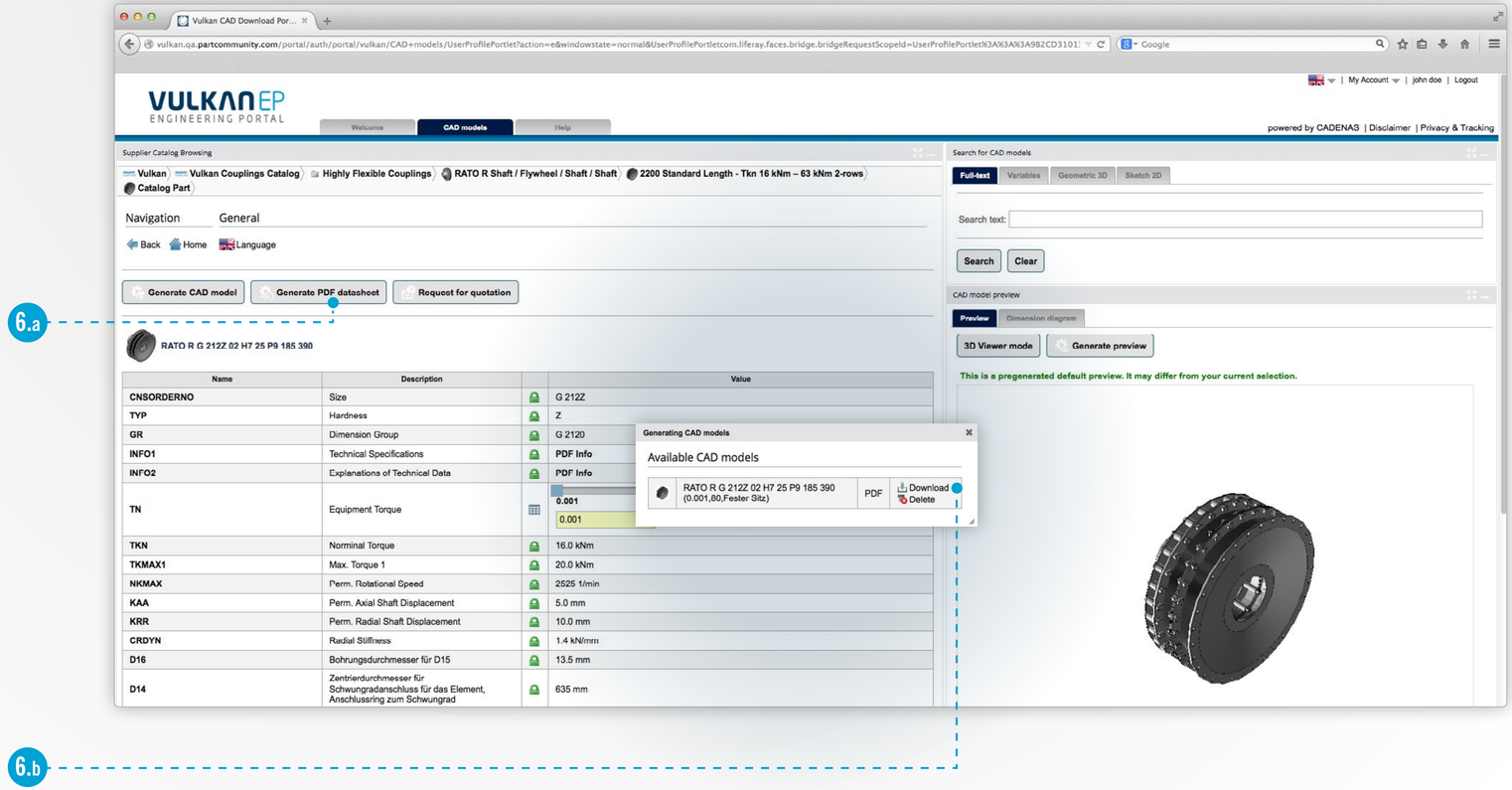


6. GENERATING AN OFFER DRAWING (PDF DATA SHEET)

Once you have chosen the right coupling and finished editing it, you can generate an offer drawing (a PDF data sheet).

6.a Select the **Generate PDF data sheet** button.

6.b After the offer drawing has been generated, you can download the document via the **Download** link. The text description of the coupling contains all the parameters selected earlier.



7. GENERATING AND DOWNLOADING CAD MODELS

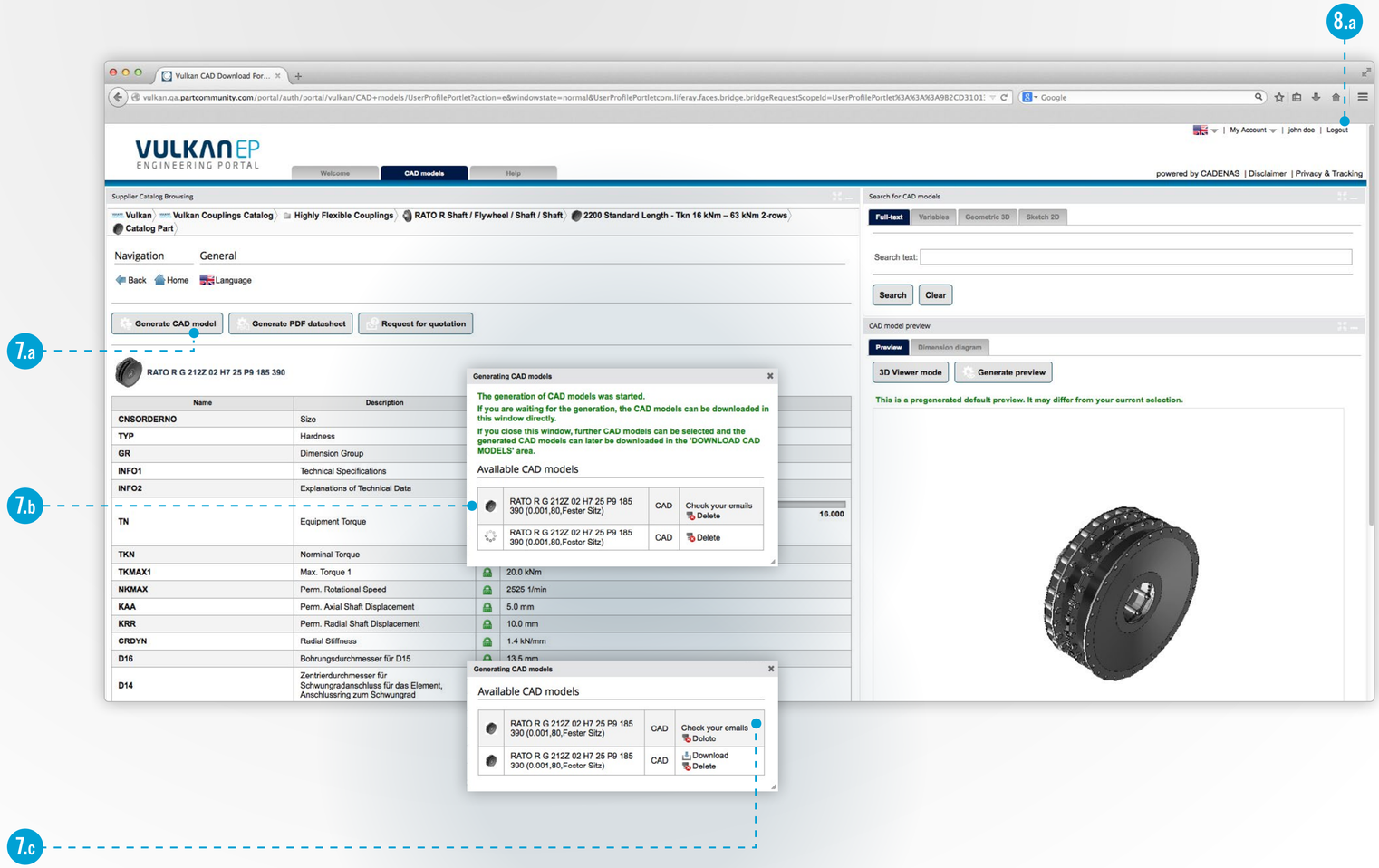
7.a Select the **Generate CAD model** button.

7.b The system will start generating the CAD model in accordance with your defaults **(Pre-settings for CAD formats)** and a window will appear with instructions for creating further CAD models.

7.c When the process has finished, the CAD model created will be displayed with a name indicating the coupling type, size, rubber hardness and the parameters selected for the customer's connection. You can now download the CAD model via the **Download link**. Now close this window.

8. LOGOUT

8.a When you have finished downloading all the files you require and want to leave the portal, please logout.



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START