



Product Catalog Mobile Hydraulics: Cartridge Valves

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In this guide you will learn everything you need in order to find the right product for you in the new interactive product catalog.

This interactive catalog contains technical information about mechanical, solenoid and proportional valves.

The home page:

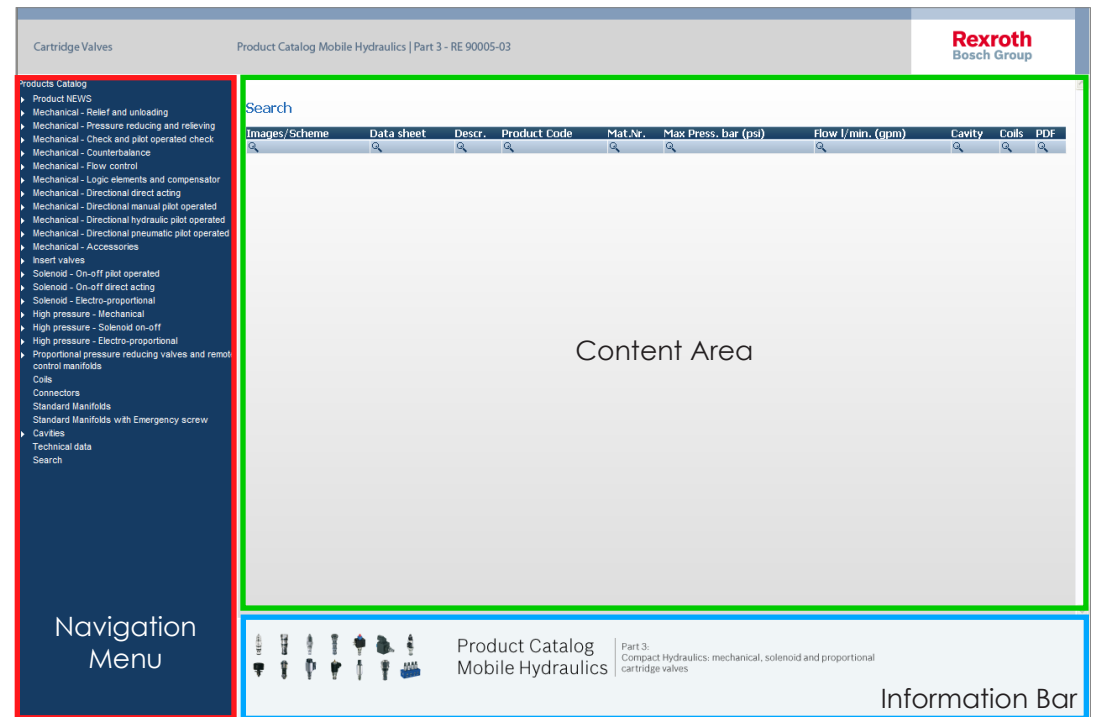
In this section, we'll give you a brief description about the home page layout, which is what you will see when you first open the catalog. As shown in [\[picture #1\]](#), the home page is composed by a three section structure:

- The navigation menu
- The content area
- The information bar

The navigation menu:

The blue area on the left, is what we call 'navigation menu'. It contains the main selection tree: from here you will be able to make your selection and browse through all of the catalog contents [\[picture #2\]](#). It's an useful instrument if you already know what product you're searching for and you don't need to make a code research. Some of the links will open another tree branch, other ones will directly open a pdf document while other ones will bring you to a search page.

Next - Content Area



Picture #1 - interactive catalog overview, the three sections are highlighted in red, green and blue



Picture #2 - Navigation menu

- open tree branch
- product/document detail
- search page



The content area:

This is the most important part of the layout, it's the area where all of the main information are shown and where all of the menus will prompt their content.

During your exploration in the catalog, the content area will change: depending on your choice on the navigation menu [picture #2 - previous page], three different kind of 'environments' will be shown.

- Search mode
- Product filter mode
- Document viewer mode

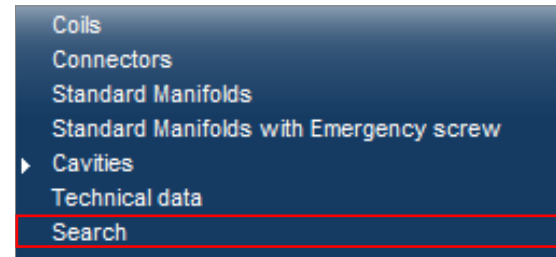
Search Mode

The Search mode is activated only if you click on the 'Search' text, at the bottom part of the navigation menu; [picture #2.1] after your selection, you will be prompted to the advanced search page [picture #3] containing empty fields that can be filled in with values like Datasheet nr., Product Code, Material Nr. etc. This will define your search criteria that will be applied as a filter. It is not necessary to write the whole code, just write the first few digits, hit 'Enter' and the engine will do the rest for you [picture #3.1].

You can also see a preview of your product picture, or the hydraulic scheme under the 'Images/Scheme' column: just hover the text 'PIC' for the picture and 'SCH' if you want to see the hydraulic scheme. [picture #4 - #4.1].

You can try searching in all of the first 4 fields.

Next - Product Filter mode



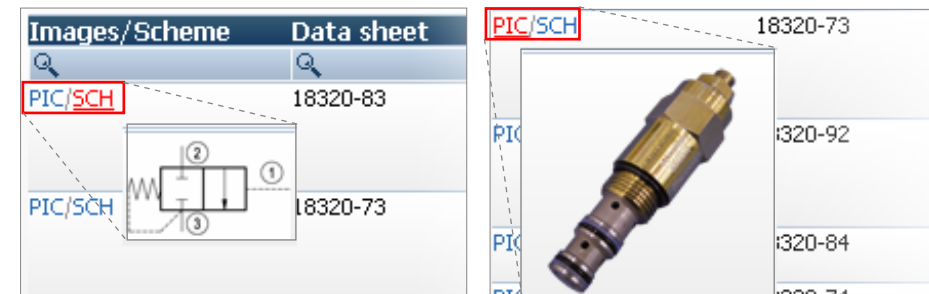
Picture #2.1 Click here to enter in Search mode.

- Click on search
- Define your criteria
- Hit Enter
- Find your product



Picture #3 - 3.1 - This is the Search mode bar, you can input text in each field you see.

Data sheet	Descr.	Product Code	Mat.Nr.	Max Press. bar (psi)
18320-83	VDSA-10A	047732008505000 047732008511000 047732108505000 047732108511000	R930002334 R930002463 R930005654 R930002602	350 (5000)
18320-73	VDSA-10A-6	047729038505000 047729038510000 047729038520000 047729038535000	R901109943 R901109945 R901109947 R901109949	350 (5000)



Picture #4 - 4.1 - Hovering the picture or scheme text, the related icons will appear.



Product filter mode:

The product filter mode appears when you click on one of the product categories. The mechanics will be exactly the same ones you've been using in Search mode: in fact, if you find yourself in a page with several codes, you'll just have to type in the field the one you want to find, and it will be automatically highlighted, significantly narrowing down the research [picture #5 - #5.1].

▼ Mechanical - Counterbalance

- Standard guided poppet type
- Standard guided poppet type, counterclockwise adj.
- Standard poppet type differential area
- Standard poppet type differential area, counterclockwise adj.
- Relief compensated guided poppet type
- Relief compensated poppet type, differential area
- Relief compensated poppet type, differential area, counterclockwise adj.
- Vented guided poppet type

Images/Scheme	Data sheet	Descr.	Product Code	Mat.Nr.
PIC/SCH	18320-20	VBSP-08U-R5	045415032020000 045415032035000	R930006122 R930006123
PIC/SCH	18320-21	VBSP-12U-R5	045416038620000 045416038635000	R930006124 R930006125
PIC/SCH	18320-22	VBSP-16U-R5	045417034720000 045417034740000	R930000059 R930000060

Before Product Filter Mode

Picture #5 - After you select a product in the navigation menu, a list of codes will appear in the content area.

▼ Mechanical - Counterbalance

- Standard guided poppet type
- Standard guided poppet type, counterclockwise adj.
- Standard poppet type differential area
- Standard poppet type differential area, counterclockwise adj.
- Relief compensated guided poppet type
- Relief compensated poppet type, differential area
- Relief compensated poppet type, differential area, counterclockwise adj.
- Vented guided poppet type

Images/Scheme	Data sheet	Descr.	Product Code	Mat.Nr.
PIC/SCH	18320-21	VBSP-12U-R5	045416038620000 045416038635000	R930006124 R930006125

After Product Filter Mode

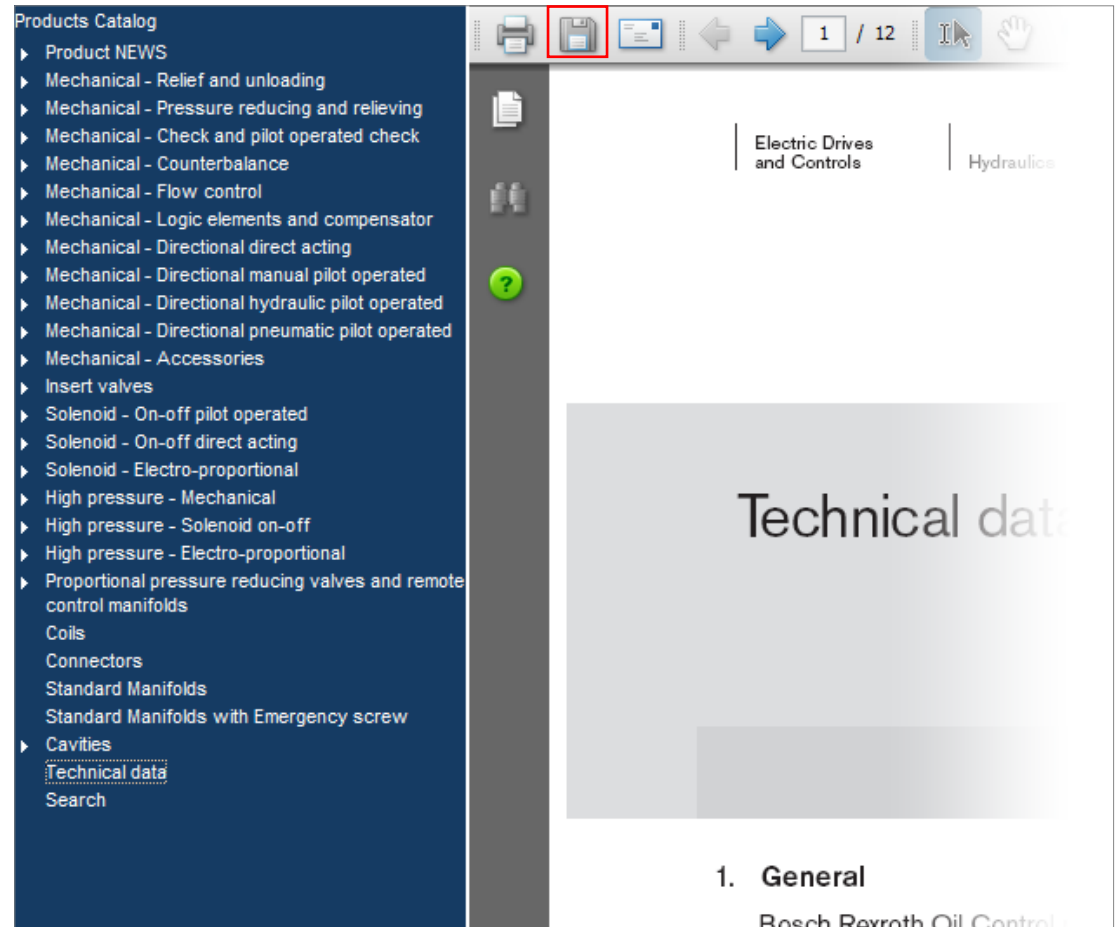
Picture #5.1 - Filling in the empty field, even with few digits, will narrow down the amount of codes.



Document viewer mode

In some cases, by clicking on some of the links contained in the navigation menu, instead of opening a classic product filter/search windows, the engine will directly open a PDF file.

In case this happens, you will be able to download it by clicking on the floppy disk icon [picture #6] and you'll be prompted to the 'save as..' menu.



Picture #6 - Clicking on some navigation menu items will directly open a PDF. Use the floppy icon to save it.



How to download a document/datasheet

During the exploration of the catalog, you might want to download documents (i.e. Technical Data) or product-related datasheets. The structure makes it rather easy for you: if the link from the navigation menu brings you directly to a PDF file, you just have to click on the 'floppy disk' icon, as shown in the previous chapter (Document viewer mode - picture#6) and you will be prompted to the typical 'save as..' screen.

The mass majority of links in this product catalog though, will bring you to a product filter page (see 'Product filter mode' chapter): in this case you'll have to click on the 'PDF' text at the right of each product info [picture #7], the related page will open and you'll be able to download your datasheet as shown before.

Max Press. bar (psi)	Flow l/min. (gpm)	Cavity	Coils	PDF
350 (5000)	60 (16)	T-11A		PDF
350 (5000)	120 (32)	T-2A		PDF
420 (6000)	240 (63)	T-17A		PDF

Picture #7 - Click on the 'PDF' text to open and download datasheets.