

# Interactive Catalog

# TOOL GUIDE



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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.

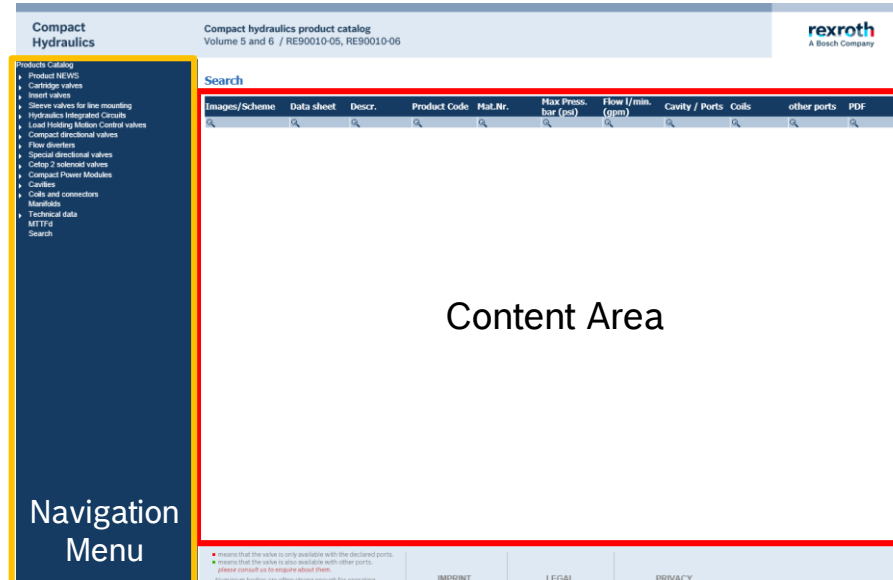
### The home page:

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 two section structure:

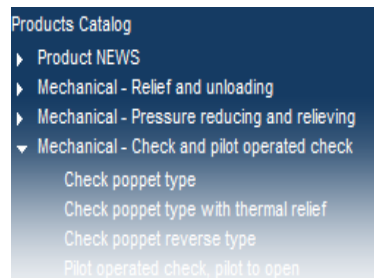
- The navigation menu
- The content area

### 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.



Picture #1 : Interactive Catalog overview, the two sections are highlighted in yellow and red.



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 try searching in all of the first 4 fields.



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)
18320-92	VDSA-16A	047732002705000 047732002711000 047732102705000 047732102711000	R930001157 R930001159 R930001162 R930001163	350 (5000)
18320-84	VDSB-10A	047733008505000 047733008511000	R930000965 R930002622	350 (5000)



**The content area:  
Search Mode**

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].*

PIC/SCH	18320-83	VDSA-10A
PIC/SCH	18320-73	VDSA-10A-6
PIC/SCH	18320-92	VDSA-16A

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

PIC/SCH	18320-73	VDSA-10A-6	04773210
PIC	18320-92	VDSA-16A	04773200
PIC	18320-84	VDSB-10A	04773300
PIC	18320-74	VDSB-10A-6	04772300



### 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].

Products Catalog

- ▶ Product NEWS
- ▼ Cartridge valves
  - Product selection guide
  - ▼ Mechanical
    - ▶ Relief and unloading
    - ▶ Pressure reducing and relieving
    - ▼ Pressure reducing
      - ▶ Pilot operated spool type
      - ▼ Check valves
        - Poppet type
        - Poppet type with thermal relief
        - Poppet reverse type
      - ▶ Check, pilot operated
        - Check, directional poppet type, shuttle
        - Check, directional poppet type, shuttle double lock
        - Check, directional hot oil, shuttle
        - Check, double lock, with mechanical pilot
      - ▶ Counterbalance
      - ▶ Flow control

Check valves  
**Poppet type**

Images/Scheme	Data sheet	Descr.	Product Code	Mat.Nr.	Max Press. bar (psi)	Flow l/min. (gpm)	Cavity / Ports	Coils	other ports	PDF
PIC/SCH	18318-88	VUCN-04A	043131005400000 043131005402000	R930008160 R930000494	350 (5000)	4 (1)	Special, CA-04A-2N			PDF
PIC/SCH	18318-89	VUCN-08A	0431200056A0000 043120005603000 043120005605000 043120005606000 043120005609000 043120005614000	R930006992 R901007308 R901162183 R901106550 R901116571 R930000961 R901106592	420 (6000)	50 (13)	Size 08		PDF	
PIC/SCH	18319-04	VUCN-08F	043138002000000	R930056629	420 (6000)	50 (13)	Hydac 06020			PDF
PIC/SCH	18318-90	VUCN-10A	043123008500000 043123008501000 043123008505000 043123008509000 04312300851500A 04312300851500A	R901106596 R930005884 R901106601 R930000962 R901106602	350 (5000)	80 (21)	Size 10		PDF	
PIC/SCH	18318-91	VUCN-12A	043128005700000	R901106613	350 (5000)	120 (32)	Size 12			PDF

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

Products Catalog

- ▶ Product NEWS
- ▼ Cartridge valves
  - Product selection guide
  - ▼ Mechanical
    - ▶ Relief and unloading
    - ▶ Pressure reducing and relieving
    - ▼ Pressure reducing
      - ▶ Pilot operated spool type
      - ▼ Check valves
        - Poppet type
        - Poppet type with thermal relief
        - Poppet reverse type

Check valves  
**Poppet type**

Images/Scheme	Data sheet	Descr.	Product Code	Mat.Nr.	Max Press. bar (psi)	Flow l/min. (gpm)	Cavity / Ports	Coils
PIC/SCH	18318-88	VUCN-04A	043131005400000 043131005402000	R930008160 R930000494	350 (5000)	4 (1)	Special, CA-04A-2N	

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.

The screenshot shows the 'Products Catalog' interface. On the left is a dark blue navigation menu with a tree structure of categories. The main content area on the right is titled 'Technical data for Compact Directional valves'. At the top right of this area is a toolbar with icons for save (floppy disk), print, zoom in, zoom out, and a search icon. A red arrow points from the 'Technical data for Compact Directional valves' page to the floppy disk icon in the toolbar.

**Products Catalog**

- Product NEWS
- Cartridge valves
  - Product selection guide
  - Mechanical
    - Relief and unloading
    - Pressure reducing and relieving
    - Pressure reducing
      - Pilot operated spool type
    - Check valves
      - Poppet type
      - Poppet type with thermal relief
      - Poppet reverse type
    - Check, pilot operated
    - Check, directional poppet type, shuttle
    - Check, directional poppet type, shuttle double lock
    - Check, directional hot oil, shuttle
    - Check, double lock, with mechanical pilot
  - Counterbalance
  - Flow control
  - Logic elements and compensators
  - Directional, spool type direct acting
  - Directional, manual operated poppet type
  - Directional, hydraulic operated poppet type
  - Directional, pneumatic operated poppet type
  - Accessories
  - Solenoid
    - High pressure - mechanical
    - High pressure - solenoid and electro-proportional
  - Insert valves
  - Sleeve valves for line mounting
  - Hydraulics Integrated Circuits
  - Load Holding Motion Control valves
  - Compact directional valves
  - Flow diverters
  - Special directional valves
  - Cetop 2 solenoid valves
  - Compact Power Modules
  - Cavities
  - Coils and connectors
  - Manifolds
  - Technical data
    - Mechanical and solenoid cartridge valves
    - Hydraulic Integrated Circuits

## Technical data for Compact Directional valves

**Introduction:**  
Following technical data refers to Compact Hydraulics valves (RE 90010-06 c

- General**  
Bosch Rexroth Product Area 2 - Compact Hydraulics (CH) proposes for applications in hydraulic circuits of mobile and industrial product performance, selection, installation and technical data ca Organization; here you may find a summary of general specificat products with the aim to provide general guidance only.
- Hydraulic fluids**



### 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.

Images/Scheme	Data sheet	Descr.	Product Code	Mat.Nr.	Max Press. bar (psi)	Flow l/min. (gpm)	Cavity / Ports	Coils	other ports	PDF
PIC/SCH	18318-88	VUCN-04A	043131005400000 043131005402000	R930008160 R930000494	350 (5000)	4 (1)	Special, CA-04A-2N			PDF
PIC/SCH	18318-89	VUCN-08A	0431200056A0000 043120005600000 043120005603000 043120005605000 043120005606000 043120005609000 043120005614000	R930006992 R901007308 R901162183 R901106550 R901116571 R930000961 R901106592	420 (6000)	50 (13)	Size 08			PDF
PIC/SCH	18319-04	VUCN-08F	043138002000000	R930056629	420 (6000)	50 (13)	Hydac 06020			PDF

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