Technology that makes its mark

Our technology. Your success.
Pumps • Valves • Service
KSB EasySelect® Guided Tour

June 2014
KSB EasySelect® - Guided Tour

List of contents

1. Step by Step to the Right Pump
2. Finding the right valve the easy way
KSB EasySelect® - Guided Tour

Step by Step to the Right Pump

Start

(1) The navigation bar is available during the entire KSB EasySelect® session.

(2) Choose how to start here.

(3) Click on the button “Go” or “ ” (on the navigation bar) to start your product selection.
Graphical Selection of “Segment”

(1) “Back” button

(2) Select the segment by clicking on its button (e.g. “Building services”).

(3) Instructions are shown on each page.
Graphical selection of general application

(1) Select the general application
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Step by Step to the Right Pump

Graphical selection of application

(1) Select the **application** by clicking on the button (e.g. “District heating”)

(2) You can switch between **general applications** with the register tabs.
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Step by Step to the Right Pump

Product selection

(1) **Step 1:** Input the **operating point** here. There are various tools to assist the input (e.g. pipe calculator).

(2) On the register tab “**Options**” you can specify more requirements.
(1) Step 2: Optionally select product types or specific products. The products recommended by KSB for the application are automatically preselected.

(2) Step 3: Click on the button “Hydraulic search” to find the appropriate KSB solution.
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Step by Step to the Right Pump

Solution suggestion

(1) The **KSB recommendation** is shown with its key information such as hydraulic data, curve and product data.

(2) On the register tab “Alternatives” you can see additional pump sizes which fit your requirements. You can compare pump curves together on one diagram on the “Performance curves” tab.

(3) Click on the button “Select” or “Continue” to continue configuration of the selected solution.

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KSB EasySelect® - Solution suggestion

This is a solution suggested for your application. You can configure it by clicking on “Select” or “Next”. More products are available under “Alternatives”. Please verify the suitability of the suggested solution and alternatives taking into account the project-specific requirements of your application.
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Step by Step to the Right Pump

Configuration overview

1. This window shows a summary of the current configuration.

2. By clicking on “Select accessories” you can find accessories which match the configured product. With the “Change” button you can modify the product configuration.

3. Click on “ ” to continue to the output page.

Check the configuration in the overview. Enter the desired quantity and click on “Add”. You can change the configuration or select accessories using the “Change” and “Select accessories” buttons.
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Step by Step to the Right Pump

Price sheet

(1) **Price overview** for the configured product

(2) Click on “ ” to continue to the output page.

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Price display: This is where the product/items you selected are listed, including their prices. Click on “Next” to continue.
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Step by Step to the Right Pump

Output

(1) Click on the desired technical documentation to get a preview in Acrobat Reader, where you also can print or save the document.

Delete items with this icon.

(2) Output of CAD files in over 40 different formats sent via e-mail.
KSB EasySelect® - Output

1. Switch the document language here

2. Use the " " button to return to the start page to add new items or to stop KSB EasySelect®.
KSB EasySelect® - Guided Tour

List of contents

1. Step by Step to the Right Pump
2. Finding the right valve the easy way
Welcome to KSB EasySelect

KSB EasySelect is the portal to the world of KSB's configured products.

With this software you can select KSB's pumps, valves and automation products and configure them to meet the exact requirements.

How do you want to start using KSB EasySelect?

Start tour
- Step by step to the right pump
- Pump selection using operating conditions
- Direct pump size selection
- Substitute pumps
- Automation product selection
- Motor selection using tank design
- Direct mixer selection

Welcome to KSB EasySelect

Start tour
- Step by step to the right pump
- Pump selection using operating conditions
- Direct pump size selection
- Substitute pumps
- Automation product selection
- Motor selection using tank design
- Direct mixer selection

(1) Choose how to start your "Valve selection" here.

(2) Click on the button “Go” or “” (on the navigation bar) to start your valve selection.
KSB EasySelect® - Guided Tour

Finding the right valve the easy way

Valve selection

(1) **Step 1:** Input the *operating point* here.

(2) Optional selection by *design*

(3) **Step 2:** Click on one of the lines in the *product list*.

Click on the icon for more *product information*.

(4) **Step 3:** Click on the button “ ” or “Select” to find the appropriate KSB solution.
# KSB EasySelect® - Guided Tour

## Finding the right valve the easy way

### General design

1. On the **general design** page you can define the valve design.
2. Here is an overview of the **pressure limits**.
3. Click on “…” to continue to the actuator selection page.

### Table: General design

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type series</td>
<td>BOAX</td>
</tr>
<tr>
<td>Design concept</td>
<td>BOAX 1 16 bar</td>
</tr>
<tr>
<td>Nominal diameter</td>
<td>DN 40</td>
</tr>
<tr>
<td>Body type</td>
<td>Semi-lugs type (T2)</td>
</tr>
<tr>
<td>Special design</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Pressure</strong></td>
<td></td>
</tr>
<tr>
<td>Pressure rating of the Liner</td>
<td></td>
</tr>
<tr>
<td>Allowed</td>
<td>16.00 bar</td>
</tr>
<tr>
<td>Existing</td>
<td>16.00 bar</td>
</tr>
<tr>
<td>Minimal system pressure (bar)</td>
<td>16.00 bar</td>
</tr>
<tr>
<td>Minimum pressure (vacuum open)</td>
<td>16.00 bar</td>
</tr>
<tr>
<td>Maximal pressure difference</td>
<td>16.00 bar</td>
</tr>
</tbody>
</table>
**KSB EasySelect® - Guided Tour**

**Finding the right valve the easy way**

**Actuator selection**

1. Here you can select an **actuator** for the selected valve.

2. Click on “…” to select automation accessories.

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**KSB EasySelect® - Actuator selection**

<table>
<thead>
<tr>
<th>Actuator selection</th>
<th>None</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter criteria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy source</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valve function</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power failure valve position</td>
<td>ACTEAUC</td>
<td></td>
</tr>
<tr>
<td>Control signal input</td>
<td>ACTEO</td>
<td></td>
</tr>
<tr>
<td>Rotation direction</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The selection of the parameters in this box is optional. They are intended to guide you in the selection of the proper actuator accessories, but they do not influence the configuration of the actuator itself, which is done on the pages below.
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Finding the right valve the easy way

Automation accessory selection

(1) Here, you can choose accessories for the selected drive.

(2) Click on “…” to access the Configuration Summary.
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Finding the right valve the easy way

Configuration overview

(1) This window shows a summary of the current configuration.

(2) Click on "Actuator selection" to select a suitable actuator and control equipment for the current configuration. With the “Change” button you can modify the product configuration.

(3) Click on “ ” to continue to the price sheet.
## Price sheet

### (1) Price overview

- **KSB EasySelect**
- **Date:** June 2014, Support CS-GX74

**Finding the right valve the easy way**

**Price sheet**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Item</th>
<th>Parent</th>
<th>State</th>
<th>Mat. No.</th>
<th>Cash</th>
<th>Unit price</th>
<th>Condition value</th>
<th>Condition sum</th>
<th>Item sum</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOX B 16 Bar DN40 T2 PHN 3 gpl/s pipe DN25 - DYNACTAR 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMTR/OBOX C (BA) (25)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMTR/OBOX C (BA) (30)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Price display:** This is where the products/items you selected are listed, including their prices. Click on “Next” to continue.
KSB EasySelect® - Guided Tour

Finding the right valve the easy way

Output

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