

# Press Release

## Bosch Rexroth's Filter Select tool quickly determines the best filter for hydraulic applications

Filter Select is an easy-to-use, intuitive step-by-step process that quickly locates the right hydraulic filter for your specific application

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For Immediate Use



The Filter Select tool calculates pressure drop across Rexroth filters based on various user inputs

**Bosch Rexroth developed a filter sizing program that allows users to input various parameters such as fluid type, fluid viscosity, system temperature, and micron rating to evaluate the pressure drop across Rexroth filters. The sizing software (Filter Select) can be used to quickly determine the best filter for a specific hydraulic application and will provide Rexroth part numbers, model codes, pressure drop curves, dirt holding capacities, spare parts and related components.**

With the Filter Select program, users can quickly choose and document the proper filter size and type for hydraulic applications. Highlighted features of Filter Select include:

- Calculate total pressure drop through the filter housing and element
- Define the replacement element, seal kit and other filter accessories
- Determine the dirt holding capacity

Contact for Journalists:  
Bosch Rexroth Corporation  
Susan Strauss  
2315 City Line Road  
Bethlehem, PA 18017  
Telephone (610) 694-8352  
susan.strauss@boschrexroth-us.com

Phase 3 Marketing & Communications  
John Agresti  
Laura Craft  
1435 West Morehead St., Suite 200  
Charlotte, NC 28208  
Telephone (704) 729-0146  
John.Agresti@phase3mc.com  
Laura.Craft@phase3mc.com

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- Estimate the system pressure impact of changing fluid parameters such as fluid temperature, viscosity or changing main pump flow
- Prevent incorrect model code formulations
- Selects the proper Rexroth filter size for industrial and mobile hydraulic applications
- Determine the fluid viscosity at any temperature for any fluids loaded in the program

At the heart of the Filter Select program is a database of hydraulic fluid information. With close cooperation between several fluid manufacturers, an extensive fluid library has been developed and loaded into the software. Additionally, Filter Select allows users to modify the clean pressure drop target which allows a customized solution for almost any application. Once all the necessary information is input into the tool, it provides the Bosch Rexroth part number and model codes for the recommended, properly-sized filter, as well as alternatives that can be chosen based on each individual case. Once done, users can choose to generate a PDF application form that documents the parameters used to determine the exact Bosch Rexroth filter solution.

For more information about Rexroth's hydraulic filtration products and services, please visit <http://www.boschrexroth-us.com/filter/tools>

### ***About Bosch Rexroth***

*As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drives and controls, gear technology, and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 30,500 associates generated sales revenue of approximately 5.5 billion euros (\$6.2 billion) in 2017.*

*To learn more, please visit [www.boschrexroth-us.com](http://www.boschrexroth-us.com)*

### ***About Bosch***

*Having established a regional presence in 1906 in North America, the Bosch Group employs nearly 34,500 associates in more than 100 locations, as of December 31,*

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Susan Strauss  
2315 City Line Road  
Bethlehem, PA 18017  
Telephone (610) 694-8352  
[susan.strauss@boschrexroth-us.com](mailto:susan.strauss@boschrexroth-us.com)

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Laura Craft  
1435 West Morehead St., Suite 200  
Charlotte, NC 28208  
Telephone (704) 729-0146  
[John.Agresti@phase3mc.com](mailto:John.Agresti@phase3mc.com)  
[Laura.Craft@phase3mc.com](mailto:Laura.Craft@phase3mc.com)

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*2017. In 2017 Bosch generated consolidated sales of \$13.7 billion in the U.S., Canada and Mexico. For more information, visit [twitter.com/boschusa](https://twitter.com/boschusa), [twitter.com/boschmexico](https://twitter.com/boschmexico) and [www.bosch.ca](http://www.bosch.ca).*

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*The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,000 associates worldwide (as of December 31, 2017). The company generated sales of 78.1 billion euros (\$88.2 billion) in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs some 64,500 associates in research and development.*

*Additional information is available online at [www.bosch.com](http://www.bosch.com), [www.iot.bosch.com](http://www.iot.bosch.com), [www.bosch-press.com](http://www.bosch-press.com), [www.twitter.com/BoschPresse](https://twitter.com/BoschPresse).*

*Exchange rate: 1 EUR = \$1.12968*

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[Laura.Craft@phase3mc.com](mailto:Laura.Craft@phase3mc.com)