

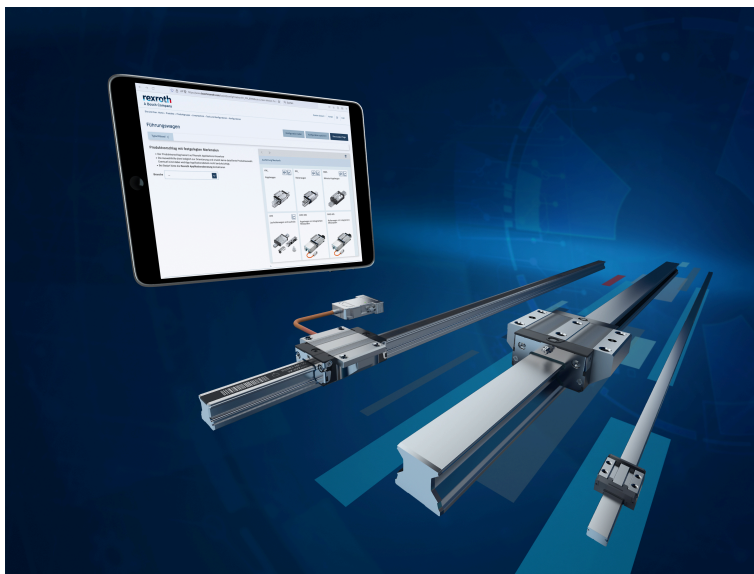
PRESS INFORMATION

The quicker way to configure individual linear guides

Manuela Kessler | 04.10.2022 | Lohr am Main / Germany | PI 049/22

Bosch Rexroth has expanded its online configurator for runner blocks and guide rails, adding new variants and time-saving functions

- Easier selection: Product suggestions according to sector and application
- New in the configurator: Miniature ball, heavy-duty and cam roller runner blocks
- More flexibility for rail systems: Universal and modular joint



Digital engineering with straightforward selection and configuration: Bosch Rexroth has expanded its online configurator for ball and roller rail systems. (Image source: Bosch Rexroth AG)

Bosch Rexroth has expanded its range of online-configurable linear guides and has made digital engineering easier. The online configurator now features heavy-duty runner blocks, miniature ball runner blocks for medical technology and cam roller runner blocks for applications such as handling, FMCG or battery production. Additional joint options increase flexibility in mechanical engineering. The two online configurators for runner blocks and guide rails are now linked so that suggestions for a suitable counterpart now appear with just a click. The new intuitive system with suggestions according to sector and application saves time. As a result, even less experienced user groups obtain individual product suggestions straight away.

To coincide with the rollout of the new configurator functions, Bosch Rexroth is also expanding its range of linear guides in the online configurator. The heavy-duty range of roller runner blocks is now available in size 100 and 125 along with an extra-long version in size 65. Miniature ball runner blocks for medical and semiconductor applications as well as cam roller runner blocks for handling, FMCG or battery production can also be configured online.

The rail configurator can now be used to configure up to 15 parts in a standardized manner to produce a multi-part rail system. Alternatively, the new modular joint and universal joint options can be used to produce rail systems flexibly from individual rails. The new joint options allow greater flexibility in mechanical engineering and optimum storage of spare parts. With the modular joint, up to eight individual rails can be connected one after another. The universal

PRESS INFORMATION

joint allows any number of individual rails to be linked together with a slight speed restriction to protect the linear guides.

Advantages in mechanical engineering thanks to new joint options

With the sector or application-specific suggestions for runner blocks and rails, even less experienced user groups can select and configure individual linear guides quickly and without making mistakes. If a user switches to the other configurator, the size and mechanical design are carried over and only those parameters which have not yet been defined are requested. This avoids errors and duplicate entries.

If a type key or a material number is entered in the search box, the product will be configured almost completely and can be reordered or changed immediately if necessary.

In order to save even more time, the 3D CAD data can be retrieved during the finalization process in the online configurator, a consultation request can be started or the guide parts in the shopping cart can be ordered directly from the e-shop.

Basic Information 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 drive and control technology, 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 31,000 associates generated sales revenue of around 6.2 billion euros in 2021.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. 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 facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. 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 some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

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