

PRESS RELEASE

LT23008
8/9/2023

A 70 percent longer service life for linear bushings

More stable linear bushings with an optional plastic housing for more cost-effective bushings

PI 040/23
For Immediate Use

- ▶ 20 percent higher load capacity thanks to an optimized production process
- ▶ Cost benefits thanks to longer service life and slimline design
- ▶ Available from stock, easy selection and online ordering



Thanks to their higher load capacities, the compact segmental linear bushings with lightweight plastic housing have a 70 percent longer service life. (Image source: Bosch Rexroth AG)

Bosch Rexroth drives forward the development of durable linear motion technology. As a result of the optimized production process, the segmental linear bushings with plastic cage used in a wide variety of industries achieve a load capacity that is up to 20 percent higher and a service life that is up to 70 percent longer. They are part of a Rexroth round guide with a matching shaft. The particularly light and short linear bushings allow long working spaces and offer additional sealing options. Thanks to the higher load capacities and the resulting downsizing options, applications can be made even safer, more cost-effective and more sustainable.

Contact for Journalists:

Bosch Rexroth Corporation
Mike Thompson
Telephone (704) 430-9203
Michael.Thompson2@boschrexroth-us.com

Dalton
Lindsay Anderson
140 w. Monroe St.
Jacksonville, FL 32202
Telephone (904)-318-7172
landerson@daltonagency.com

PRESS RELEASE

LT23008
8/9/2023

Thanks to their high quality, variance and availability, they are ideal for use in a wide range of different scenarios. These range from factory automation, production and the packaging of fast moving consumer goods to semiconductor manufacturing. Further application fields include simple handling tasks or feed systems in machine tools.

PI 040/23
For Immediate Use

The increase in load capacity now makes it possible to use a smaller size in many cases while meeting the same requirements. Downsizing reduces system costs, saves space and reduces weight.

The linear bushings' other strengths include their ease of movement, low susceptibility to dirt and easy cleaning. In addition, numerous applications benefit from the high degree of freedom in the circumferential direction. Thanks to the unsupported design, the linear bushing does not have to rest on a surface and can thus also be used as a column guide for example.

Easy selection and ordering

The segmental linear bushings with plastic housing are also available as linear sets. With the free [Linear Motion Designer](#) (LMD) calculation program, it's even easier to select the right linear bushing. The calculation program guides the user intuitively through the design process and, if desired, transfers the result to the online configurator for selecting and ordering the appropriate precision steel shaft. The end-to-end e-tool chain covers the entire engineering processes through to ordering digitally – including price information, automatic generation of the production order and provision of the CAD file.

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

Contact for Journalists:

Bosch Rexroth Corporation
Mike Thompson
Telephone (704) 430-9203
Michael.Thompson2@boschrexroth-us.com

Dalton
Lindsay Anderson
140 w. Monroe St.
Jacksonville, FL 32202
Telephone (904)-318-7172
landerson@daltonagency.com

PRESS RELEASE

LT23008
8/9/2023

PI 040/23
For Immediate Use

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. To learn more, please visit www.boschrexroth-us.com.

About 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.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-presse.de, www.twitter.com/BoschPresse.

Contact for Journalists:

Bosch Rexroth Corporation
Mike Thompson
Telephone (704) 430-9203
Michael.Thompson2@boschrexroth-us.com

Dalton
Lindsay Anderson
140 w. Monroe St.
Jacksonville, FL 32202
Telephone (904)-318-7172
landerson@daltonagency.com