November 24, 2026

**Press Release**

# BFK CustoMini: A brake designed around the motor

## A new spring-applied brake for small motors offers customized solutions on a series-ready platform

**Once the motor design is defined, a matching brake is needed. With the BFK CustoMini, Kendrion is introducing a spring-applied brake for small motors that can be configured both mechanically and electrically. The standardized platform enables customized versions for cost-effective series production. The new brake makes its debut at SPS 2026 in Nuremberg.**

Installation space in drive systems is becoming increasingly scarce, and in compact motors, a few millimeters can determine whether a brake can be integrated. Kendrion developed the BFK CustoMini to meet this challenge, designing it specifically for small motors used in applications such as access systems and intralogistics. The spring-applied brake can be tailored mechanically and electrically to existing motor designs.

“Manufacturers of small motors often come to us with an existing design and clear requirements for the brake. With the CustoMini, we can tailor the brake to their needs and manufacture it in series using a standardized platform. This allows our customers to focus on developing their motors,” says Lennart Wehr, Product Manager at Kendrion.

### One brake platform, multiple possibilities

To integrate the CustoMini into an existing motor design, Kendrion adapts its overall height and diameter to fit the available installation space. The mounting arrangement and shaft connection are tailored to the motor’s mechanical interfaces, while ready-to-install mounting screws simplify assembly—even in areas with undercut contours. Required torque and operating voltage depend on the application. Individually designed coils can also allow existing control electronics to be retained. The IP rating is tailored to operating conditions, and the fully potted coil is housed in a closed, zinc-coated steel housing for corrosion protection.

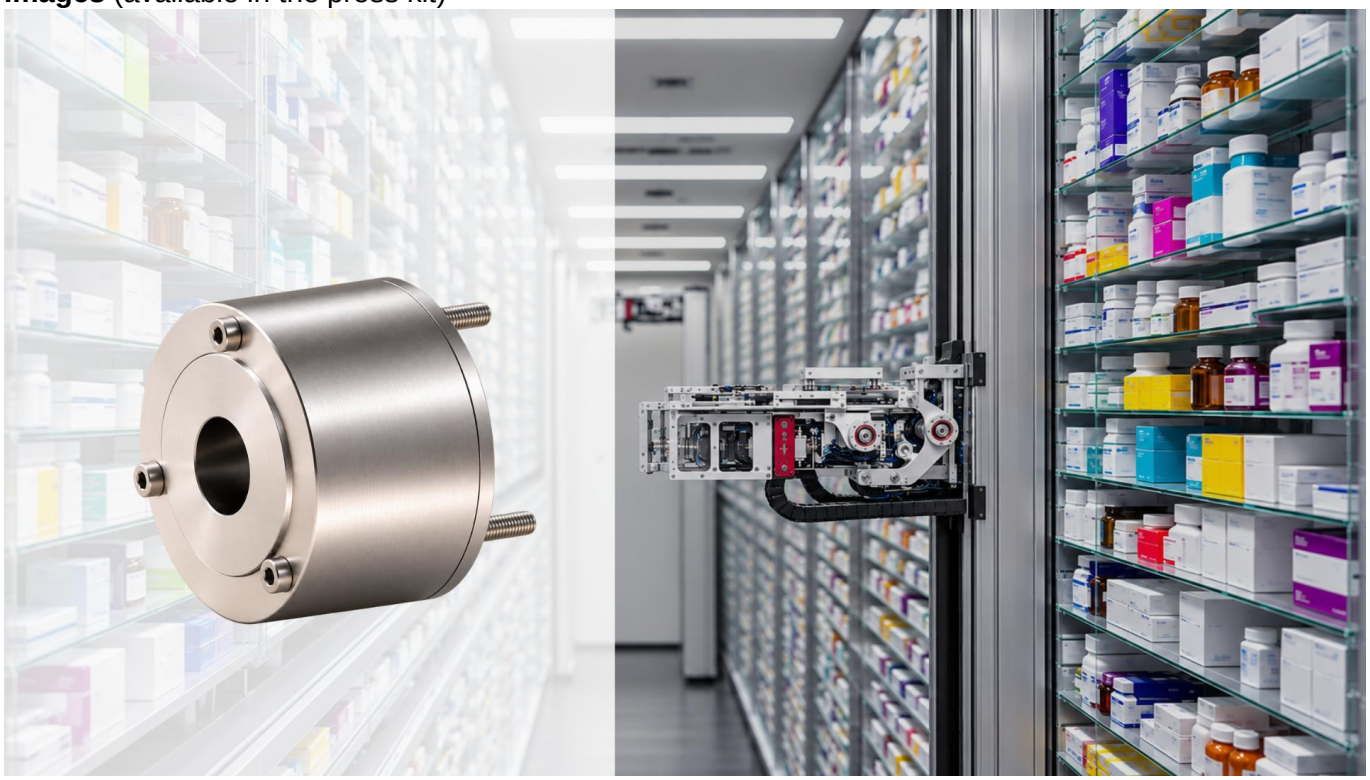
### From configuration to reliable series production

Kendrion adapts its CustoMini brake to customer requirements using a standardized platform. Its approach—“As customized as necessary. As standardized as possible”—supports cost-effective manufacturing and reliable series production, even as volumes grow. The brake is developed and assembled in Germany.

The CustoMini makes its debut at SPS 2026 in Nuremberg. Kendrion is presenting the new brake in Hall 4, Booth 418.

(2,416 characters incl. spaces)

**Images** (available in the press kit)

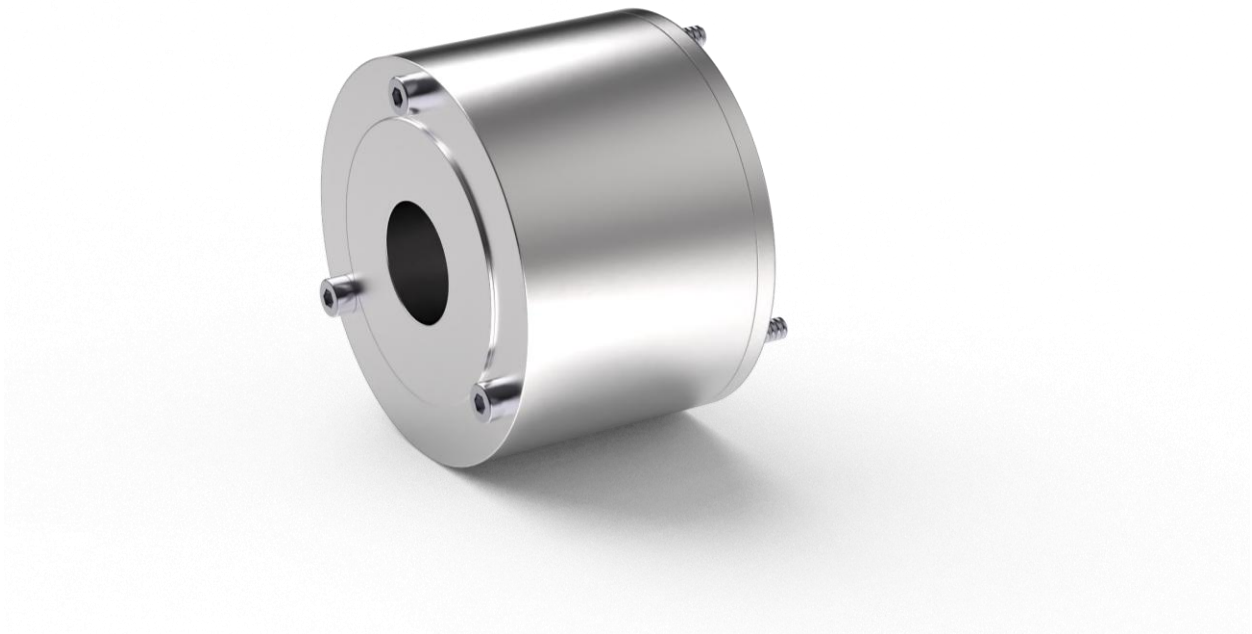




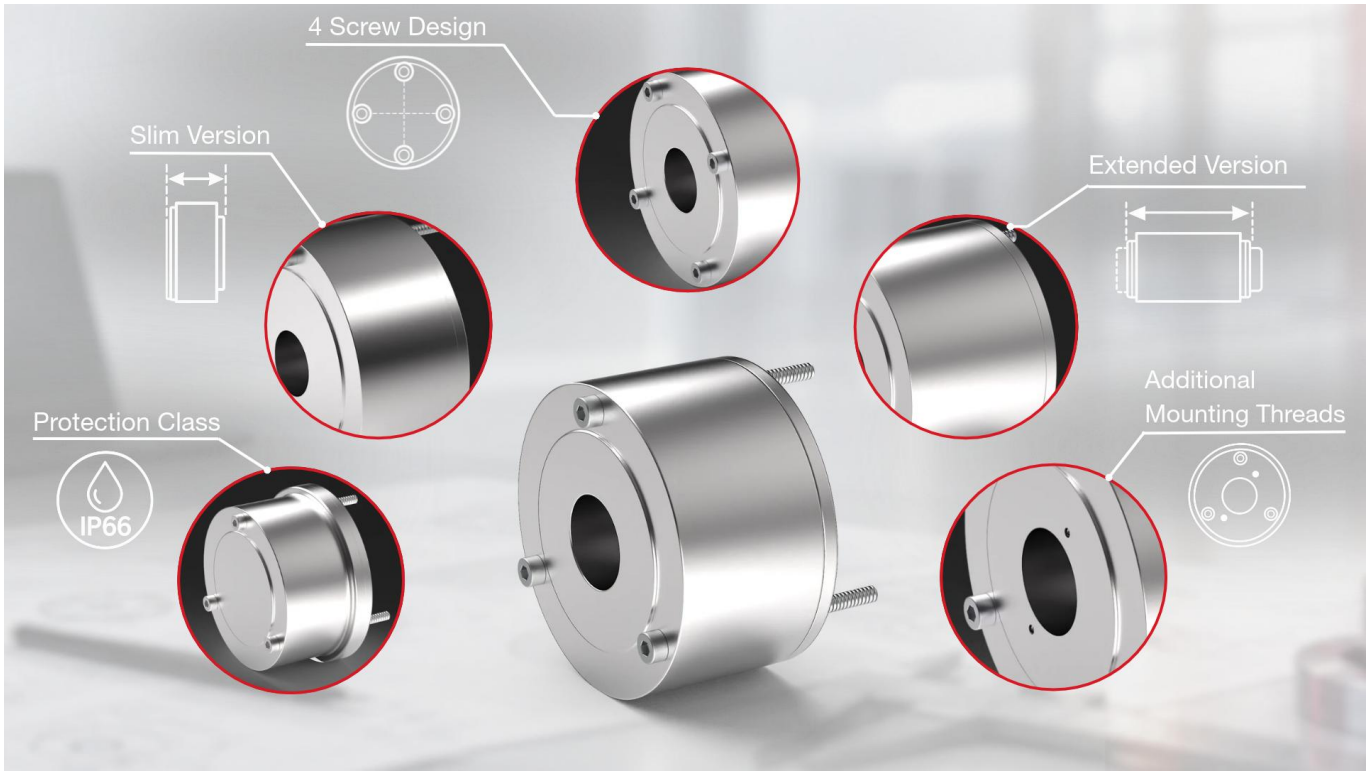
**CustoMini_Pharmacy_Automation.png:** The BFK CustoMini spring-applied brake can be tailored mechanically and electrically to the requirements of small motors. A potential application could be in intralogistics.
Image: *Kendrion AI generated*



**CustoMini_Chain_Hoist.png:** Compact hoists are among the potential applications for the BFK CustoMini.
Image: *Kendrion AI generated*



**CustoMini_Brake.png:** The BFK CustoMini spring-applied brake can be adapted mechanically and electrically to existing motor designs. Its standardized platform enables customized versions for cost-effective series production.
Image: *Kendrion*




**CustoMini_Configuration_Options.png:** One brake platform, multiple configurations: the BFK CustoMini's overall height, mounting arrangement, and IP rating can be tailored to the application. Image: *Kendrion AI generated*

**About Kendrion**

**Innovative solutions for tomorrow - built on precision, safety, and motion.**

Kendrion is shaping the future with high-precision brakes, electromagnetic components, fluid technology, control systems, and embedded systems. Our solutions offer precise control, maximum safety, and smooth motion across a wide range of applications – from machinery and robotics to high-end technology, automation, medical and energy sectors, mobility, and process industries.

With a broad portfolio of off-the-shelf products and a project-based approach, we work closely with our customers to deliver customized solutions tailored to their needs. By leveraging our deep technical expertise across multiple technologies and the flexibility to integrate them intelligently, we provide systems that are ready for tomorrow's challenges. Kendrion's deep engineering knowledge and cross-technology capabilities make us a trusted partner for creating innovative and reliable solutions across industries.

Rooted in Germany, headquartered in the Netherlands, and listed on Euronext Amsterdam, Kendrion's expertise spans Europe, the Americas, and Asia. For more than a century, we've engineered precision parts for the world's leading innovators in industrial applications, making us a trusted partner for creating reliable, cutting-edge solutions across industries.

https://www.kendrion.com/en/

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