

BANSBACH





The intelligent damper - due to ER-technology (ERF)

The Bansbach easyERF dampers are extremely quiet and efficient dampers with a broad application field. Its innovation potential is the electronically adjustable damping intensity and the reaction time within milliseconds. Advantage of the damper: no seal and/or maintenance free, high stability.

Continuously variable
a complete (two electronic) damper field is a variable.

Digital control
By using the electrical input signal, the damping can be adjusted, either with PWM controlled or with 0 - 4 V analog signal. 24V is possible, supply 24 V DC.

Response characteristics
The required damper force can be achieved with a reaction time of only few milliseconds.

Noiseless and maintenance-free
no "hammer like noise", no "locking noise", no mechanical wear parts.

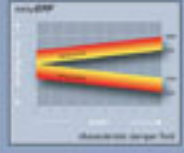
energy efficient
low consumption, high efficiency.

The technology

In the cylinder field, the electrohydraulic fluid changes its consistency from thick to thin within milliseconds. According to the ERF technology, the damper adapts very quickly to changing load conditions, dampens the energy in position.

An electrical signal determines the damper force which can thus be continuously adjusted to operating conditions.

The damping force can continuously be adjusted within the other parameters: force, stroke, air flow, reaction time and only by the use of a simple electronic interface.



Variable, multi-purpose!

Thanks to our modular system, the Bansbach-guided columns are variable in height and can be used in various applications. They are supplied according to your specifications with a customized, pre-installed gas spring that suits your specific needs and assembly time and costs.



- Product details:**
- Pre-assembled Column and Gas spring
 - Simple installation
 - stroke length: from 100 to 500 mm
 - extension force: 40N - 700N
 - locking force in push direction: 2:1 x F1
 - locking force in pull direction: 1:1 x F1
 - progressivity: ca. 33%
 - secured against rotation
 - Release system: hydraulic (top), Bowden wire (top) or lever (bottom) possible (see gas spring catalogue page 20)

stroke length	extension force	locking force	release system
100 - 500 mm	40N - 700N	2:1 x F1 / 1:1 x F1	hydraulic / Bowden wire / lever

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