



## *Damping in any position...*

### **Individual damping with the dynamic groove inside the cylinder**

By using a groove inside the cylinder, the damping characteristics of this gas spring specification can be adapted individually to the customers' requirements.

Here, the damping is not realized by an orifice as for usual gas springs but by the groove inside the cylinder. This offers many advantages: Damping is effective in any position, it doesn't matter if the installation of the gas spring is in horizontal position or with the piston rod showing upwards - the damping characteristic is always the same.

The damping intensity and characteristic can be adjusted more precisely according to the customers' requirements. A very smooth passing into damping is possible and protects the construction additionally.

The dynamic groove is available for cylinder diameter 15, 19 and 22 mm.

The groove will be designed so that the damping characteristic will meet the customer's individual requirements.

#### **Advantages:**

- End damping is guaranteed in any position (horizontally or with the piston rod showing upwards)
- Controlled damping is possible in any position
- Individual damping characteristic is possible for the complete stroke

In order to be able to design the corresponding groove, we require detailed information about the application as well as the requested function of the gas spring

**Please contact us!**



Technische Änderungen und Druckfehler vorbehalten. The flyer is subject to technical alterations and printing mistakes.

**Bansbach easylift GmbH**

Barbarossastraße 8  
D-73547 Lorch

Tel. +49 (0) 7172/9107-0  
Fax +49 (0) 7172/9107-44

info@bansbach.de  
www.bansbach.de

**Bansbach**  
*easylift*

10/2015