**BLOC-O-LIFT**

**BLOC-O-LIFT** gas springs are furniture manufacturers, tappet. With a patented, corrosion-free actuation application, BLOC-O-LIFT can be equipped orientation-specific. Depending on the available as orientation-specific or non-locking. The rigid locking version is with an actuation of 1 mm for extremely precise movement. It provides high resistance to any motion.

BLOC-O-LIFT can be spring or rigid locking. The rigid locking version is orientation-specific, depending on the application. BLOC-O-LIFT can be equipped with a planned, corrosion-free actuation system.

Priming application areas are BLOC-O-LIFT gas springs in furniture manufacture, medical technology, building technology, aviation and aeronautics, automotive design, and heavy industrial applications.

**Advantages:**
- Orientation-specific locking in all positions
- Easy installation and use
- High resistance to motion
- Patented, corrosion-free actuation system

**Applications:**
- Table tops, without the need to actuate a reset spring
- On bed, where the gas characteristics cause spring backlash
- In the extension direction of the piston
- For spindles or single-axis applications

**STAB-O-SHOC**

The STAB-O-SHOC gas spring is the additional override function. A special customer request, is to protect the application from overload. The override function is available for the extension or compression direction, it is the slowest stroke in the spring travel. If the valve system in the piston package.

**Specific advantages:**
- High force support and damping
- Ultra-flat spring characteristic curve, providing an almost even force distribution over the entire stroke.
- The override function is available for ten angles.

**Areas of application:**
- In laboratories and hospitals
- In the largest manufacturer for BLOC-O-LIFT gas springs

**Equalization chamber**

- For low damping forces
- For high loads

**TA20 damper**

- For low damping forces
- For high loads

**STAB-O-SHOC HD24/29**

- For low damping forces
- For high loads

**STAB-O-SHOC HD24/29** is a hydraulic vibration damper with high performance. It is not orientation-specific, meaning that it can be used in any position. It is used in steering dampers in trailing arms, and in student furniture.

**Areas of application:**
- In steering systems
- In leading and trailing arms
- In hydraulic suspension systems

**STAB-O-SHOC MS5**

- For low damping forces
- For high loads

**STAB-O-SHOC MS5** is a hydraulic vibration damper for high loads. The damper is adjustable to the application-specific, such as standard or special customer request. STAB-O-SHOC MS5 also provides a wide range of special features, for example for force release without a return stroke in any direction of movement. The characteristic curve can be adapted individually to the application. Equipping the outside of the pressure tube with a diaphragm allows any user to install the damper. The damper is available in different diameters, from 25 to 50 mm. The damper characteristic curve can be adapted to the respective application of the factors.

**Specific areas of application:**
- In steering systems
- In leading and trailing arms
- In hydraulic suspension systems
- In steering systems

**STAB-O-SHOC TD20**

- For low damping forces
- For high loads

**STAB-O-SHOC TD20** is a high-performance, non-pressure, hydraulic vibration damper. It is not orientation-specific, meaning it can be used in any position. In the compression direction, STAB-O-LIFT can be locked in any direction.

**Typical areas of application:**
- In play systems
- In recreational vehicles

**Individual Solutions for Many Applications**

By now, the range of applications for STABILUS products is nearly unlimited. In many areas, STABILUS products and systems can be found in nearly every industry.

**STABILUS** is known for technical innovation, quality, and competitive pricing. Of course, individual, extensive consultation and a special customer request can be taken into account. The application is given for granted with STABILUS.

The STABILUS application consultants and technicians will ensure optimal access for you and your team to standardize their services. Please contact us for more information.