**BLOC-O-LIFT**

**BLOC-O-LIFT Gas Spring **

The BLOC-O-LIFT gas spring is an ideal solution for applications requiring precise force control, positioning, and damping. Its flexibility in design and application makes it suitable for a wide range of industries, including medical technology, building technology, and furniture manufacture.

**Primary application areas**

- Tappet application, BLOC-O-LIFT can be equipped with a separating piston, allowing for infinite position setting and compression force control.
- BLOC-O-LIFT can be used as a motion damper in flap systems, providing high resistance to any motion.
- BLOC-O-LIFT can have spring or rigid locking. They are available as orientation-specific or non-locking. The rigid locking version is particularly suitable for applications where precise control is required.

**Actuation systems**

- Horizontal and vertical actuations can be achieved in one direction, providing precise control and positioning.
- Short actuation distances ensure efficient and precise movement.

**Advantages**

- Infinite variable locking in pull position
- High precision and control
- Rigid locking provides additional support, damping, and infinite lockable function

**STAB-O-SHOC**

**STAB-O-SHOC HD15**

The STAB-O-SHOC HD15 is a hydraulic vibration damper for high loads. It is designed for applications where precision and control are essential, such as in automotive and medical industries.

- **Features**
  - High performance: Precision hydraulic shock absorbers are designed for high loads.
  - Lockable in compression direction: Provides additional support and control in the compression direction.

**Applications**

- Used in vertical installations, providing precise control and positioning.

**Advantages**

- **High precision and control**
- **Low noise and vibration**
- **Infinite lockable function**

**Additional options**

- **OBT** – Override function is available for ten special applications. This function is designed for the independent setting of the locking behavior in the pull or push direction.

**Overload protection**

- Suitable for applications requiring additional support, damping, and infinite lockable function.

**BLOC-O-LIFT OBT**

BLOC-O-LIFT OBT provides additional support and control in the compression direction, making it suitable for applications requiring additional support and control.

- **Features**
  - Special form of this BLOC-O-LIFT gas spring is the additional override function, providing additional support, damping, and infinite lockable function. This function is designed to provide additional support and control in the compression direction.

**Applications**

- Suitable for applications requiring additional support, damping, and infinite lockable function.

**Advantages**

- **High precision and control**
- **Low noise and vibration**
- **Infinite lockable function**

**Indirect Solutions for Many Applications**

STABILUS is known for technical innovation, quality, and competitive pricing. It is a world market leader with an annual production volume of more than 120 million units.

- STABILUS is known for technical innovation, quality, and competitive pricing.
- Its products are designed to meet the specific needs of various industries.

**Contact**

STABILUS is pleased to work out optimized solutions for you and will be glad to fine-tune our solutions and support with installation in the application.

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