

BLOC-O-LIFT Gas Spring | general

The BLOC-O-LIFT gas springs are so-called locking gas springs. They are used for functions such as adjustments with force support, damping, as well as infinitely variable locking. This is achieved with a special piston valve system. If the valve is open, BLOC-O-LIFT provides force support and damping. If the valve is closed, the gas spring locks and provides high resistance to any motion.

Basically, there are two types of valve design: a sliding valve with standard actuation of 2.5 mm, and the seat valve with an actuation of 1 mm for extremely short actuation distances.

BLOC-O-LIFT can have spring or rigid locking. The rigid locking version is available as orientation-specific or non-orientation specific. Depending on the application, BLOC-O-LIFT can be equipped with a patented, corrosion-free actuation tappet.

Primary application areas for BLOC-O-LIFT gas springs are furniture manufacture, medical technology, building technology, aviation and aeronautics, automotive design, and many industrial applications.

Advantage:

- Infinitely variable locking into position

