

Gas Springs

Suitable for: trucks and buses

Art. no.:
replaces Multibrand



www.dt-spareparts.com

The gas spring is a pneumatic spring that consists of a pressure tube, piston rod with piston and the respective connection elements.

The gas spring is filled with a compressed gas, which is generally nitrogen. The piston has a bypass there gas can flow through. The damping force is therefore determined by the size of the bypass opening.

All DT® brand gas springs are designed for 100 000 and more load changes and more; this is acknowledged by an endurance test. Furthermore, the springs are maintenance-free. In order to prevent any formation of rust, surface-coated piston rods, which have been put through a 400 hour salt spray test, are used. The working range of all gas springs is at temperatures between -30°C and +80°C.

DT® Spare Parts brand engine valves are exposed to very high Gas springs are used in all applications where light and safe movement, a defined sequence of motions or a supporting lifting movement is required. In order to achieve

optimum lubrication of the guide and sealing system, the gas springs should be installed with a piston rod pointing downwards in a non-operational state, unless they are intended for installation independent of a position.

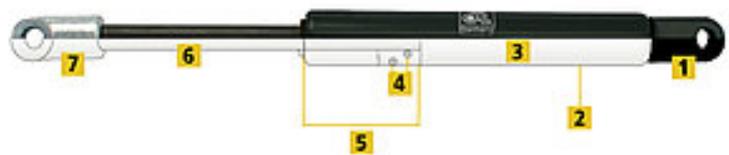
The gas springs should be protected against tilting, bending forces or lateral forces in order to avoid a negative effect on the service life.

DT® Spare Parts recommends the environmentally-friendly disposal of gas springs. They should be drilled out in order to drain off the compressed nitrogen and the oil contained.

- The pipe wall thickness is 1.0 - 1.5 mm which guarantees good stability and high protection against bending or lateral forces.
- Due to the coated surface of the piston rod, a longer service life and better corrosion resistance are achieved.
- The sealing package between the sleeve and piston rod, which guarantees maintenance of the gas pressure, is designed as a double package.
- Designed for 100,000 load changes and more.
- All connection elements and constructions correspond with the reference parts of the vehicle manufacturer.

DT® Spare Parts brand gas springs are distinguished by the following characteristics:

1. pressure pipe connecting
2. jacket pipe
3. compressed medium
4. piston seal
5. piston and seal package
6. piston rod
7. piston rod connecting



DT Spare Parts

The brand DT Spare Parts from Germany provides a complete range of vehicle parts and accessories with a 24 month guarantee – no matter whether for trucks, trailers, buses, transporters or further applications, e.g. cars, agricultural vehicles, construction vehicles, marine or industrial applications. The guaranteed brand quality is achieved through the consistent product optimisation and relentless quality assurance within the framework of the Diesel Technic Quality System (DTQS).

More info: www.dtqs.de