

# STABILUS

## FAQs - Frequently Asked Questions

### Frequently Asked Questions about Gas Springs

The following are frequently asked questions about gas springs. If you cannot find your answer, please contact us directly.

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#### **What is the pressure in the gas springs?**

It depends on the gas spring model and the extension force; it can be 150 bar or more.

#### **Can the gas spring speed be adjusted?**

Yes, the extension speed can be adjusted.

#### **Can the gas spring also be protected from gross contamination?**

Yes, by using plastic protective caps in the crimping area, or conduits and bellows.

#### **How much does a gas spring weigh?**

Depending on its length and diameter, a commercial gas spring weighs between 100 g and 400 g.

#### **How are gas springs identified?**

As a rule, gas springs are identified with safety instructions, material numbers (Stabilus number or customer number upon request), as well as the manufacturing date.

#### **Which colors are available?**

Gas springs are normally painted a neutral black. Special colors are available upon request, e.g., white or silver.

#### **Is temperature compensation available?**

Yes, struts or TCV (Temperature Compensation Valve) gas springs can compensate for the dependency on temperature due to their technical concept, sometimes significantly.

#### **What length tolerances are typical?**

This depends on the gas spring model, but typically it is +/- 2 mm.

#### **What kind of noises do gas springs make?**

Due to their gas or oil filling and the "speed control" function, gas springs can emit design-dependent flow sounds.

#### **What is the delivery time for brochure or catalog models?**

Brochure models can usually be delivered within one week from receipt of order; the catalog only includes a small portion of all potential product variants.

**Do the gas springs come only in the given length or force specifications, or are there “intermediate sizes”?**

Gas springs can be varied with regard to many of their dimensions and extension forces.

**What forces are available?**

Depending on the model, normally between 50N and more than 2,000N.

**What kind of end fittings are available?**

Depending on the application, a variety of end fittings are available, such as plastic or metal fittings for ball studs or ball joint fittings.

**Do gas springs require any kind of maintenance?**

No, gas springs are maintenance-free.