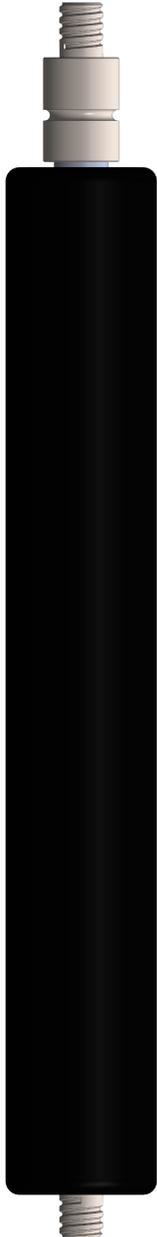


## Tension Gas Springs

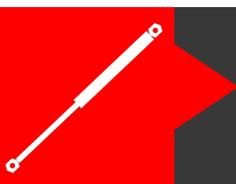


Tension Gas Springs have an extra tube within the outer cylinder; the internal nitrogen gas pressure forces the piston and rod inside itself. The displaced gas is contained within the outer cylinder as the rod is withdrawn from the body applying a pulling force.



**A selection of our End Fittings**

- 316L Stainless Steel or Mild Steel types available both with Hard Chrome Plated rod
- Strokes from 20mm to 1000mm
- Force range 25N to 2500N
- Wide range of End Fittings
- Made to your specifications
- Customisation - see design service

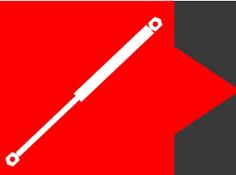


## Locking Gas Springs

You can utilise lever or remote mechanisms to lock our Locking Gas Springs off in any position.

All are available either as elastic or rigid locking.

- 316L Stainless Steel or Mild Steel body with Hard Chrome Plated rod
- Strokes from 20mm to 1000mm
- Force range 100N to 1250N
- Remote or lever type release



## Gate Closers



- 316L Stainless Steel body with Hard Chrome Plated rod
- Three lengths available 350mm, 500mm and 750mm
- Strokes are 75mm, 150mm and 250mm respectively
- Force range 50N to 500N
- Kit includes End Fittings and Brackets

# ALROSE

british gas springs



**SEE OUR GAS SPRINGS**

The manufacturers of Gas Springs and Hydraulic Dampers Worldwide

## Why Alrose?

Alrose Products Ltd (British Gas Springs) have been manufacturing and selling the highest quality Gas Springs for over 25 years.

We pride ourselves on our ability to manufacture Gas Springs in-house to our customers exacting specifications. Few jobs are too big, small or outlandish.

Our experienced design team can work directly with you to create detailed 3d drawings and ensure that you specify a Gas Spring fit for purpose. Our manufacturing team has the capability to provide volume and one off manufacture and assembly.

Of course, all of the activities conducted within Alrose Products are completed to BS EN ISO 9001:2008 standards. We also have a constant R&D programme to ensure that our products meet market needs.

At British Gas Springs we understand how important reliable and consistent Gas Spring performance is. Whether it is a simple application helping to open a hatch on a boat, bus or aircraft, through to the activation of a complex design feature.



## Compression Gas Springs

A Gas Spring in compression is similar to a coil spring but with much flatter progression.

Compression Gas Springs provide a pushing force.



**A selection of our End Fittings**

- 316L Stainless Steel or Mild Steel types available both with Hard Chrome Plated rod
- Strokes from 10mm to 1500mm
- Force range 10N to 7500N
- Wide range of End Fittings
- Made to your exacting specifications
- Customisation - see design service
- Marineline™ range in stock

NB: All spring models can be re-gassed.



## Design Service

If your requirements are not met by any of the products in our stock Marineline™ range then please contact us to discuss free bespoke spring design. We have manufactured springs from 40mm - 3000mm in length and capacities upto 10kN.

We can also customise your springs to fit a range of applications, such as low magnetic susceptibility, food grade lubricants, protection sleeves, locking sleeves and developmental colours and finishes.

## Contact Us

Website : [www.gas-springs.com](http://www.gas-springs.com)  
Email : [sales@gas-springs.com](mailto:sales@gas-springs.com)  
Telephone : + 44 (0) 1778 561422  
Fax : + 44 (0) 1778 560400

Alrose Products Ltd (British Gas Springs)  
Units 3-4 King Street Industrial Estate  
Langtoft  
Peterborough  
PE6 9NF  
Cambridgeshire, UK