

VARILIFT



When Gas Springs are used, it is often found that theoretical forces will be incorrect because factors such as hinge friction and perceived speed of action will have a bearing on calculations.

Therefore, ArvinMeritor have devised an adjustable force Gas Spring. Called Vari-Lift not only can it be adjusted to meet individual preferences, but it can also be adjusted whilst in position, saving you both time and effort.

These Gas Springs are charged to their maximum force during manufacture. By using the standard tool provided, Gas can be gradually released via the Vari-Lift valve to provide the force suited to your application. Once this has been established, ArvinMeritor, are then able to measure this force and provide fixed force Gas Springs to your precise requirement.

Vari-Lift Gas Springs can also be used if panel weights vary. These will then allow you to provide the perfect solution to your customer's needs every time. Spring force ranges from 5kg (11lbs) to 250kg (550lbs) with standard strokes from 40mm (1.57") to 500mm (19.69").

ArvinMeritor Vari-Lift Gas Springs are also available from stock via distributors, and will provide years of maintenance and trouble free service.

Benefits

- No need to calculate force
- Adjustable to any force within range
- Force can be adjusted after installation
- Simple adjustment using standard tool supplied
- Ideal for prototyping and short production runs
- Available as an option to most types of ArvinMeritor Gas Springs on request
- Ideal where application weights vary
- BS EN ISO 9001 Registered company

Vari-Lift versions of the following gas spring ranges are available:

Swift & Sure

A self-contained standard gas spring solution for lifting, supporting, counterbalancing and tensioning

Stop & Stay

A gas spring that lifts and stays in any desired position

Econoloc

A gas spring that locks automatically on full extension - for safety

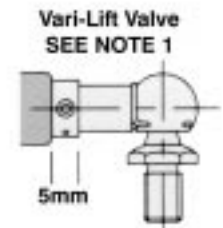
Stainless Steel Swift & Sure

The ideal gas spring for high corrosion and clean environments

Sizes, dimensions and materials are as listed in the data sheets for these ranges except that Vari-Lift versions are supplied fully charged to the maximum force. Please choose the gas spring type that interests you and ask for a separate data sheet on that range.



With any combination of end fittings



Nylon Ball Joint



Nylon Eye



Flat Steel Eye



Nylon Ball Cup



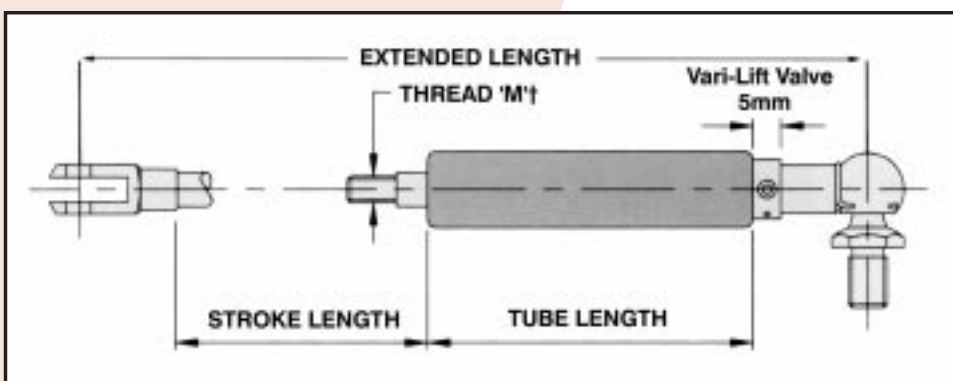
Clevis Fork



Steel Ball Joint



Zinc Eye



Specifically engineered for your application

Vari-Lift, Swift & Sure, Stop & Stay and Econoloc are trade names of ArvinMeritor Inc.

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