

Stainless Steel Swift & Sure

High corrosion resistant gas spring

Manufactured using 316L stainless steel, this range of gas springs give increased corrosion resistance in industrial, marine and coastal environments, having been subjected to over, 1000 hours of salt spray testing.

Stainless steel Swift & Sure gas springs are available in an extensive range of sizes.

With a specially prepared rod surface finish for additional hardness and protection against high levels of corrosion, Stainless steel Swift & Sure gas springs are ideally suited for use in harsh environment applications such as marine engine covers, doors and application environments requiring high levels of cleanliness like the food, pharmaceutical and medical industries.

Benefits

- High corrosion resistance for external applications
- 1000 hours salt spray tested
- 316L stainless steel tube & rod
- Additional hardness & corrosion resistance via special surface finish
- Custom design sized to your application
- BS EN ISO 9001 Registered Company





An extensive range of sizes and forces

Gas springs are commonly referred to by their size. Typically, the three common sizes for stainless steel gas springs are 6-15, 8-18 and 10-23, although other sizes are available. The sizes directly relate to the diameter of the rod and the tube, for example an 8-18 will have a rod diameter of 8mm and a tube diameter of 18mm.

Stainless Steel Swift & Sure

| Swift & Sure Size Range | Range of Stroke Lengths (in 5mm increments) | Range of Tube Lengths (in 1mm increments) | Force Range (in 10 Newton increments) | Thread Type (M) |
|-------------------------|---|---|---------------------------------------|-----------------|
| 6-15 | 40-200 | 75-230 | 50-400 (11-90lbs) | M5 x 0.8 |
| 8-18 | 40-300 | 85-345 | 100-650 (22-146lbs) | M6 x 1.0 |
| 10-23 | 40-400 | 85-445 | 150-1200 (34-269lbs) | M8 x 1.25 |

Size & force for Vari-Lift™ versions

For Vari-Lift™ versions add 5mm for the valve when calculating the extended length. The force is set to the maximum as standard but can be pre-set lower as required.

See our End Fittings leaflet for the comprehensive range available.



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