

STAINLESS STEEL SWIFT & SURE



HIGH CORROSION RESISTANT GAS SPRING

ArvinMeritor's most popular range of Gas Springs has been strengthened with the introduction of the Stainless Steel range. Manufactured using 316L Stainless Steel, conferring increased corrosion resistance in industrial, marine and coastal environments.

ArvinMeritor Stainless Steel Gas Springs also have a specially prepared surface finish to give additional hardness and corrosion resistance.

ArvinMeritor Swift & Sure Stainless Gas Springs are ideally suited for use in harsh environment applications requiring high levels of corrosion resistance, such as powerboat engine covers, and doors, and also for application environments requiring high levels of cleanliness such as the food and medical industries.

Benefits

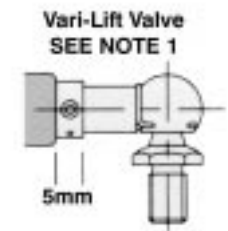
- High corrosion resistance for external applications
- 316L Stainless Steel tube & rod
- Additional hardness & corrosion resistance via special surface finish
- Custom design sized to your application
- BS EN ISO 9001 Registered Company
- High Corrosion resistant Gas Spring

Note : See our end fittings leaflet for comprehensive range available

An extensive range of sizes and forces

Swift & Sure Stainless 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)†
SXF6/SXV6 (note 1) (6mm dia. rod, 15mm tube)	40-200	70-230 (note 2)	50-400 (11-90lbs)	M5 x 0.8
SX(*8) (note 3) (8mm dia. rod, 18mm tube)	40-300	85-345 (note 2)	100-650 (22-146lbs)	M6 x 1.0
SXF1/SXV1 (note 1) (10mm dia. rod, 23mm dia. tube)	40-400	85-445 (note 2)	150-1200 (34-269lbs)	M8 x 1.25

With any combination of end fittings



Nylon Ball Joint



Nylon Eye



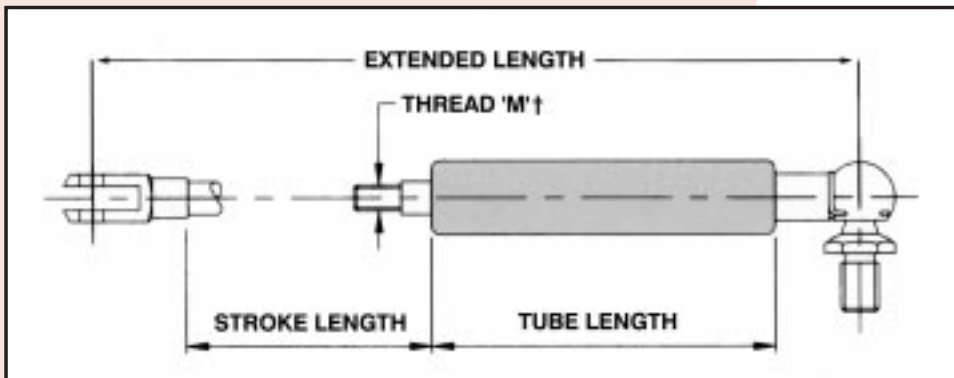
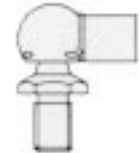
Flat Stainless Steel Eye



Stainless Steel Clevis Fork



Stainless Steel Ball Unit



Specifically engineered for your application

† See our End Fittings leaflet for the comprehensive range available with full dimensions.
If you have any questions about specifying gas springs, please call our Sales Office on 0116 274 3622/3623

Note 1

For Vari-Lift:
Add 5mm for the valve when calculating extended length. Force is set to maximum as standard but can be pre-set lower as required. Part numbering example:
Replace F with V (e.g. SXV6, SXV4). For SX(8-18) see Note 3 (Y or Z).

Note 2

SX*6 Add 30mm to stroke length to obtain minimum tube length
SX(note 3)8 Add 45mm to stroke length to obtain minimum tube length
SX(note 3)1 Add 45 mm to stroke length to obtain minimum tube length
* For fixed force = F, for Vari-Lift = V

Note 3 (8-18 size only - part number example)

SXA8 or 1 = Fixed, High Force
SXB8 or 1 = Fixed, Low Force
SXY8 or 1 = Vari-Lift, High Force
SXZ8 or 1 = Vari-Lift, Low Force

High Force = above 300N (8-18) or above 400N (10-23)
Low Force = 300N and below (8-18) or 400N and below (10-23)