

# GAS SPRINGS

## Perfect for Controlled Movement

Gas springs can solve your requirements for controlled movement in applications that require opening, closing, tilting and damping. A common application for gas springs is found in the automotive industry for the hatchback. The gas spring functions in the compressed position. By compressing the rod into the tube, the nitrogen gas within the tube is compressed. As the space within the tube is reduced, the gas pressure rises, which leads to the storing of energy. Once released, the gas spring then assists with the movement of an object, such as lifting the hatchback door.



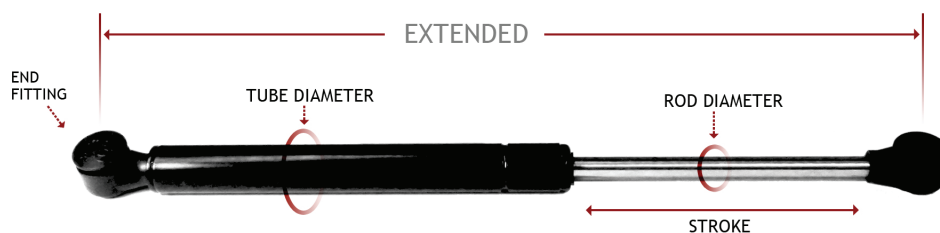
### PRODUCT TYPES

- ▶ Standard Lift Gas Spring
- ▶ Dampers
- ▶ Stainless Steel Gas Spring
- ▶ External Locking Gas Spring
- ▶ Tension/Pull Gas Springs

### COMMON APPLICATIONS

- ▶ **Transportation:** Bus, Truck, Marine, Aerospace, Emergency Vehicles, Recreational Vehicles
- ▶ **Off Highway:** Farm Equipment, Riding Mower, Construction Equipment
- ▶ **Electronic:** Bank Machine, Copier, Computer, Commercial Printer
- ▶ **Consumer:** Tool Box, Tanning Bed, Washer/Dryer, Tonneau Cover, Dumpster

SIZE	mm	in
S	6x15	.25 x .591
M	8x18	.315 x .748
Q	8x22	.315 x .866
L	10x22	.394 x .866
R	10x28	.394 x 1.1
x	14x28	.55 x 1.1
Z	16x28	.63 x 1.1
Y	20x40	.757 x 1.57





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