



Cylinder Diameter

Rod Diameterer

The precision : 0.5N, 0.05KG, 0.11lbs /0.001MM ,0.000393inch

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Compression gas spring

Parameter D 15 mm / d 6mm
Parameter D 18 mm / d 8 mm
Parameter D 22 mm / d 10 mm
Parameter D 28 mm / d 14 mm
Picture 01
Picture 02
Picture 03
Picture 04
Picture 05

Locking gas spring

Parameter of locking gas spring
Picture of locking gas spring

Sepcial gas spring

Traction gas spring
Bidirectional support gas springs
Three-sect strength value gas spring
Toolbox gas spring
Furniture gas spring
Massage chair and medical
equipment angle adjustment
Machinery gas spring
Mould gas spring
Auto chair gas spring
Car support gas spring
Hinge buffer gas spring
Slide buffer

Connector of gas spring

Cabinet gas spring

Standard cabinet gas spring
Soft stop cabinet gas spring
Parameter of cabinet gas spring
Connector of cabinet gas spring

Ask for gas spring sample

Packing detail

FAQ

Calcualte the F1 of gas spring
How to install gas spring

Application of lockable gas spring

Parameter of locking gas spring

Picture of locking gas spring

Lockable gas spring (also called blocked gas spring) can be locked at any intermediate position of the stroke. It has a valve assembly internally, when one operates (presses) the actuator pin, it opens the valve simultaneously applies force on body then the piston rod starts going in & at a moment when force applied on actuator pin removed the valve gets closed which in turn stops the movement of the piston rod. It mainly include three types. 1) Flexible Good resistance to rod being pushed o? pulled 2)Rigid in tension Rigid when rod is being pulled, high resistance to rod being pushed 3)Rigid in compression High resistance to rod being pulled, rigid when rod is being pushed Applications: it is mainly used where tilting is required. It is mainly used in seat application. The seats of luxury coaches are equipped with the gas springs. Tilting of these seats gives comfort to the passenger & reduces his fatigue during travelling. These are also used in office chairs for back rest tilting & continuous rocking of back rest. Lockable gas spring is also used in patient care equipment such as hospital beds, operation table, bedside trolley etc.



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