



Passenger Seat

IDEAL - BLOCK (LOCKABLE)



Labour Table



Examination Coach



Emergency & Recovery Trolley

Ideal Gas Springs, manufactures gas filled springs used for opening, lifting, closing, adjusting and positioning applications in varied fields. Ideal is the OEM supplier to the leading Indian and overseas manufacturers of automobiles, domestic furniture, industrial equipments, hospital furniture, passenger seats and chairs.

Ideal also offers the design services to the customers to develop an appropriate gas spring tuned to the specific application.

Ideal is a team of dynamic engineers having over 15 years experience in designing, developing and manufacturing of gas springs.

Ideal's motto is,

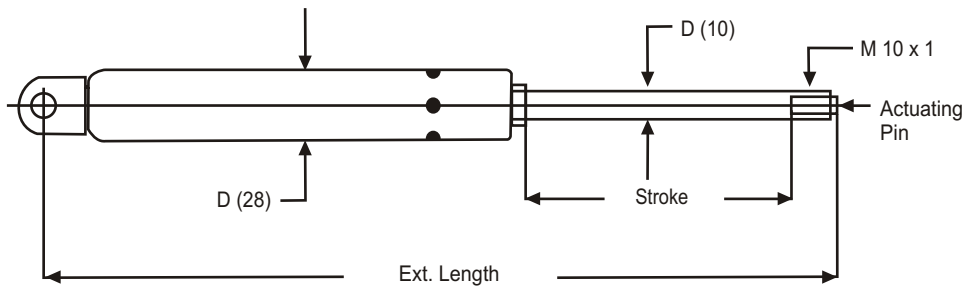
- Offer cost effective and reliable solutions to the customers
- Total customer satisfaction by producing quality goods
- Continuous improvement in the products by up gradation of technology.

Ideal's dedicated team achieved ISO-9001-2000 certification in January 2007 for its quality systems.

Ideal's plant is located at **Satara** - an industrial town 260 Km south of Mumbai. The production facility is equipped with the apt manufacturing, assembly, development and test set up that includes special purpose machines, presses, endurance and force testing machines.

IDEAL-BLOCK is a gas spring which can be locked at any intermediate position of the stroke.

It has a valve assembly internally, when one operates (presses) the actuating pin, it opens the valve simultaneously applies force on body then the piston rod starts going in & at a moment when force applied on actuating pin removed the valve gets closed which in turn stops the movement of the piston rod.



It basically has two versions -

A) Spring Blocking : Here oil & gas are in mixed condition . It shows some deflection when force is applied without pressing the actuating pin. The deflection depends on the force applied.

B) Rigid Blocking : Here oil & gas is separated by a separator & it shows very little or almost nil deflection when force applied with out pressing the actuating pin.

Advantages :

- Infinite Spring Or Rigid Locking Option
- Free of Lash
- Easy Installation
- Defined Dampened Movement
- Simple & Convenient Release
- No Maintenance Needed

Capacity Chart :

MODEL	EXT.LENGTH(mm)		STROKE(mm)		FORCE (F1) (N)		STANDARD STROKES
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
1028	177.0	650.0	25.0	250.0	200.0	850.0	45,60,120



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