



Passenger Seat

## IDEAL - BLOCK (LOCKABLE)



Labour Table



Examination Coach

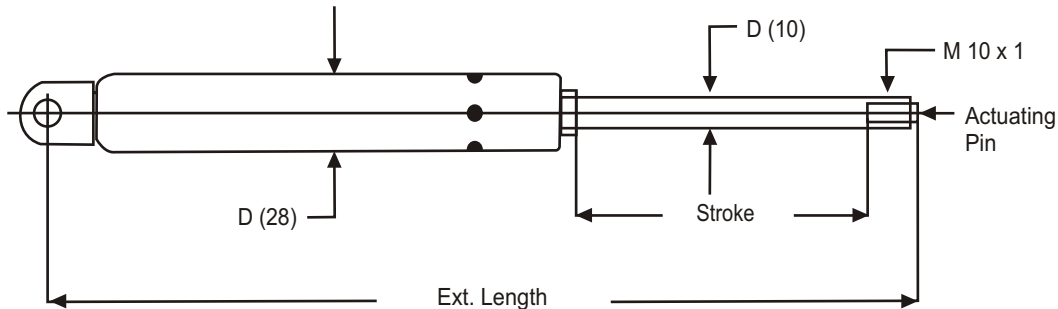


Emergency & Recovery Trolley

# IDEAL - BLOCK (LOCKABLE)

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
- Defined Dampened Movement
- Free of Lash
- Simple & Convenient Release
- Easy Installation
- No Maintenance Needed

### Capacity Chart :

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

**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.