

 lockable gas spring

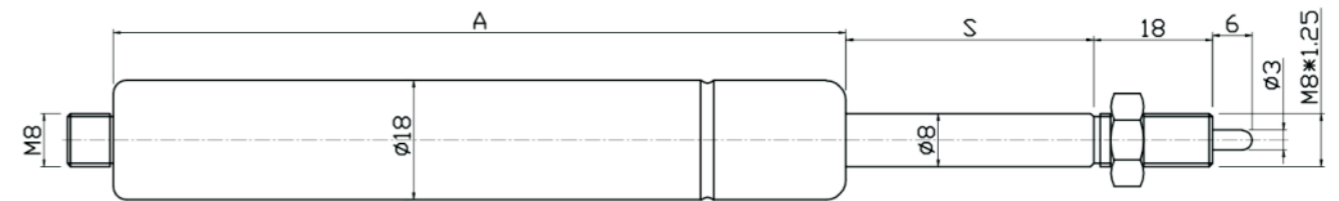
/Characteristics

The lockable gas spring can be widely used in the office equipment, vehicles, mechanical equipment, medical facilities, height-adjustment chairs and tables and the like. Achieve the functions of automatic lifting, suspending, closing and the like. Its lifting force is basically constant during the whole working stroke. It has the cushion property, thereby avoiding the impact when objects are closed, and its moving stroke can be stayed at any places. When in operation, it requires no outside motive power, thereby saving the energy. It has the advantages of simple structure, small shape, convenient and quick installation and no need of maintenance.

The lockable gas spring have two items: flexible and rigid. The flexible lockable gas spring have the function of support and locking while the rigid lockable gas spring plays a better performance in locking.



 18-08 LOCKABLE GAS SPRING



| 力 F1 F1 Force | 行程 Stroke | 表面 Surface treatment | Standard of product execution | Service life |
|------------------|--------------|---|-------------------------------|--------------------------------|
| 50N-400N | 30MM-200MM | ∖QPQ tube painting, piston rod hard chromium plating\QPQ. | GB/T 25751-2010 | 28000次 At least 28000 times |

| 行程与 Calculation of tube length and stroke | | | | |
|--|--|--|--|--|
| (完全伸展开的安装距) = (管长) + (行程) + (杆端螺纹长度) | | | | |
| () = () + () + () | | | | |
| 其中管长与行程的关系: ≥ 随着行程的增长, 管长也会相应变长) | | | | |
| ≥ () | | | | |