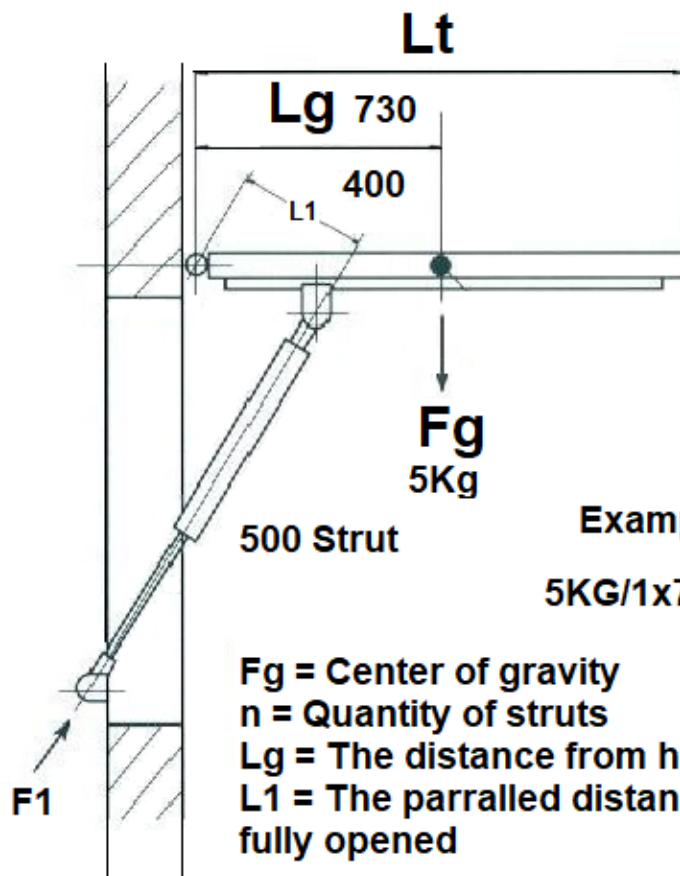


Gas Strut Force Calculation Chart

Force Calculation



LG to Newtons
 $5\text{KG} \times 9.8 = 49\text{N}$

Calculation Example

$$F1 = Fg/n \times Lg/L1$$

Example 500-8-18-210s Example 830-10-22-340s

$$5\text{KG}/1 \times 730/400 = 9.25 \text{ kg} \quad 25\text{kg}/2 \times 1620/670 = 30.22\text{kg}$$

Fg = Center of gravity

n = Quantity of struts

Lg = The distance from hinge to the center of gravity

L1 = The parallel distance from the hinge to the gas strut fully opened

Note: Products in this catalogue are subject to availability



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