

Gas Struts 12mm dia.



- Door weight (X)
- Door length (Y)
- Distance between the door hinging and the gas springs fixing point onto the door (Z)
- Number of gas springs (N)
- Gas spring thrust pressure (S)

The Formula to be applied to this calculation of (S):

$$S = \frac{X \times Y}{2 N \times Z} + 5 \text{ Kg}$$

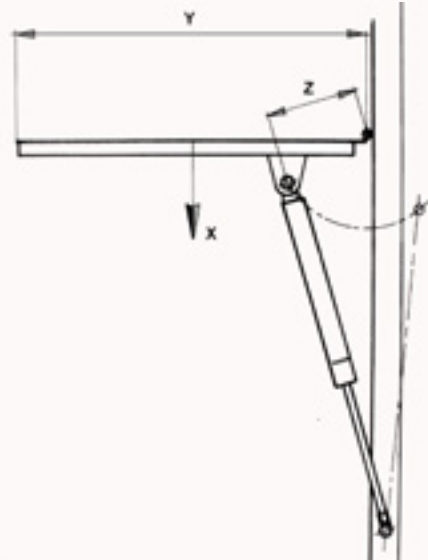
(+5 Kg. = constant added weight for the frictions)

Example:

- Door weight (X) – 40kg
- Door length (Y) – 1.5m
- Distance (Z) – 0.23
- Number of gas springs (N) – 2

$$S = \frac{40 \times 1,5}{(2 \times 2) \times 0,23} + 5 \text{ Kg} = 70.200 \text{ kg./P}$$

Therefore two 70kg gas springs have to be fitted.



Code	Description	Pressure	FEATURES
GSK50N-525-12-BK to GSK1400N-525-12-BK	GAS STRUT 12MM DIA. SHAFT X 28MM DIA. TUBE	50 - 1400N	<ul style="list-style-type: none"> • Lengths: 525, 716, 816, 830 • Nitrile shaft • Non corrosive components • Made to European standard • Custom labels if required • Metal ends standards

FOR ENQUIRIES:

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