## Gas spring choice guide

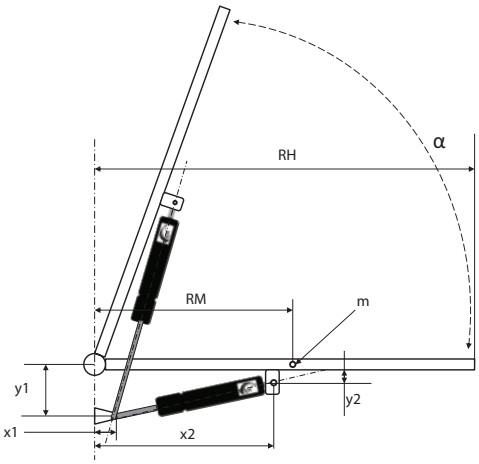


Fig. 1

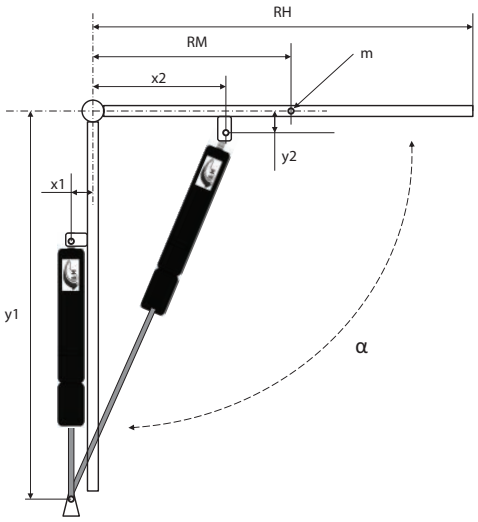


Fig. 2

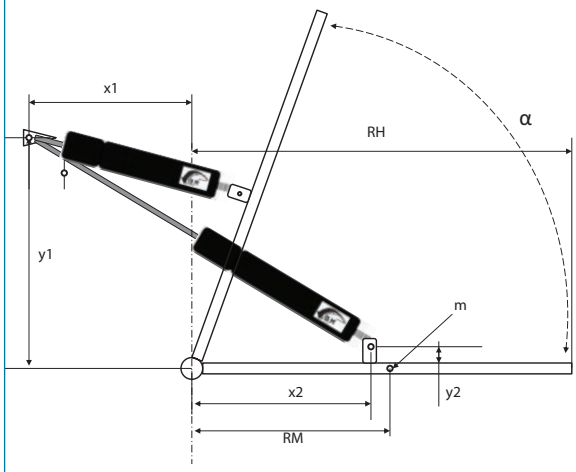


Fig. 3

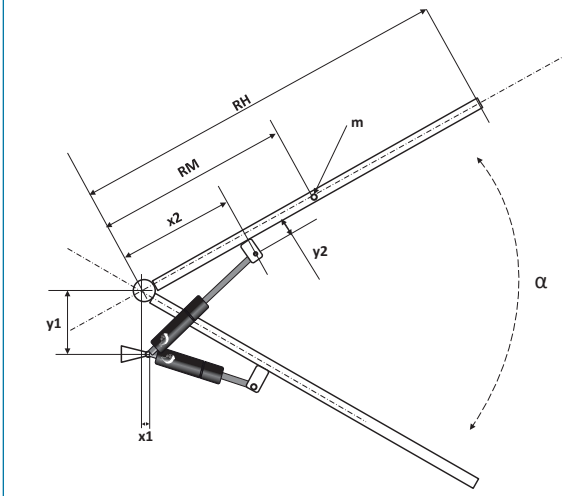


Fig. 4

N = number of gas spring, RH = Meter, m=KG, x2 = Meter

**Spring Force Calculation:** F1 (N) = 9.81 x ((RH x m) / (2 x N x (x2))) + 5 )

Warning, we recommend that you round up to the upper tolerance (see page 5)

**Other recommendation:**

The gas spring stroke is directly linked to the opening angle of the tailgate, we advise you to observe the following ratio:

**Stroke = 1/3 RH for 90°**

The above layouts are examples only and Berthold Marx accepts no liability under any circumstances
More information can be found in the «Decision support» section on our website.