

Movement to be expected once the spring is in position

The gas spring is placed behind the gate, therefore it will always try to push it closed.

Depending on the force you order and friction in the hinge, the gas spring will close the gate fully in 5 to 12 seconds.

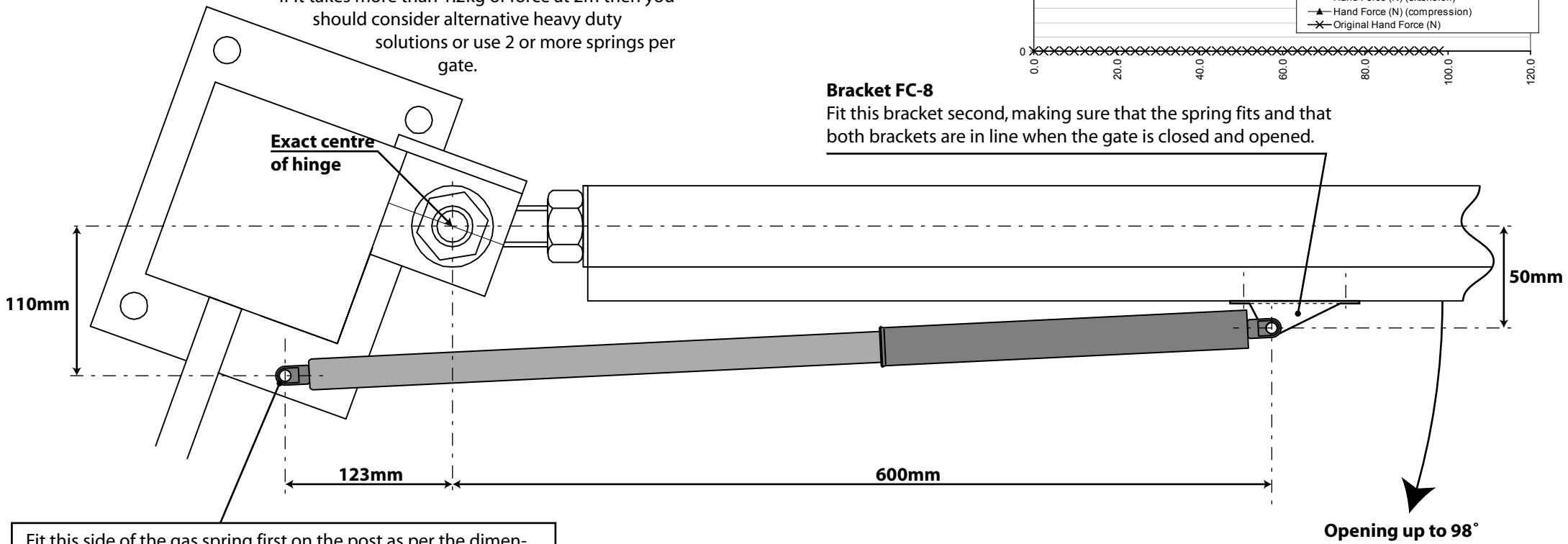
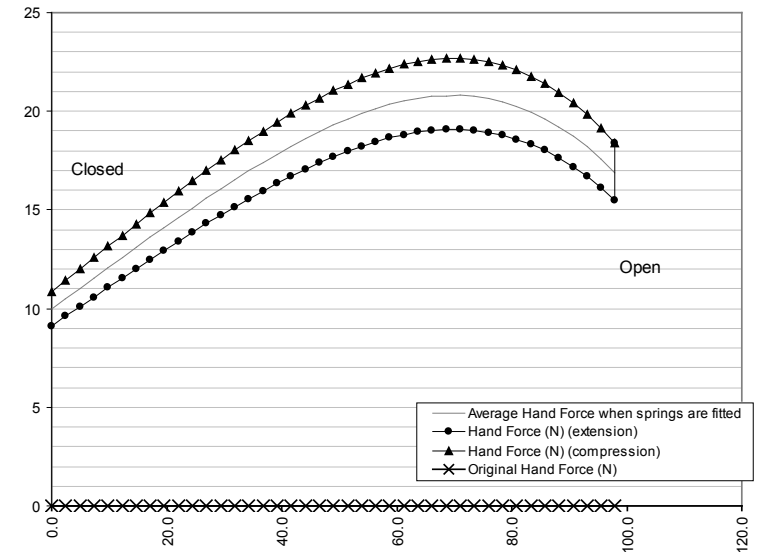
How much force do you need ?

✘ **If there is no friction at all in the hinge** and it is not likely to start crimping (e.g.: Indoor gates) then a gas spring charged at 100 Newton is enough and you can order part number F100600/BB/0100

✘ **When there is some friction in the hinge**

- If it take a continuous 0.1 to 0.7kg of force at 2 metre to close the gate (e.g.: You cannot push it easily with the tip of your finger), then go for part number F100600/BB/0200
- If it takes between 0.7 to 1.2kg of force at 2m to close the gate then go for part number F100600/BB/0300
- If it takes more than 1.2kg of force at 2m then you should consider alternative heavy duty solutions or use 2 or more springs per gate.

The graph on the right shows how much force (in Newton) a user would have to exert when pushing on the handle when one 200 Newton gas spring is fitted as per the drawing (no friction).



Fit this side of the gas spring first on the post as per the dimensions shown.
 The easiest is to use the ball joint provided with the kit and one of your own brackets. Alternatively you can use one of the brackets we sell one page 2 of the main brochure.

Bracket FC-8

Fit this bracket second, making sure that the spring fits and that both brackets are in line when the gate is closed and opened.



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Gas springs are charged with nitrogen gas and should be handled carefully - Please check our web site for further information