

## 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.

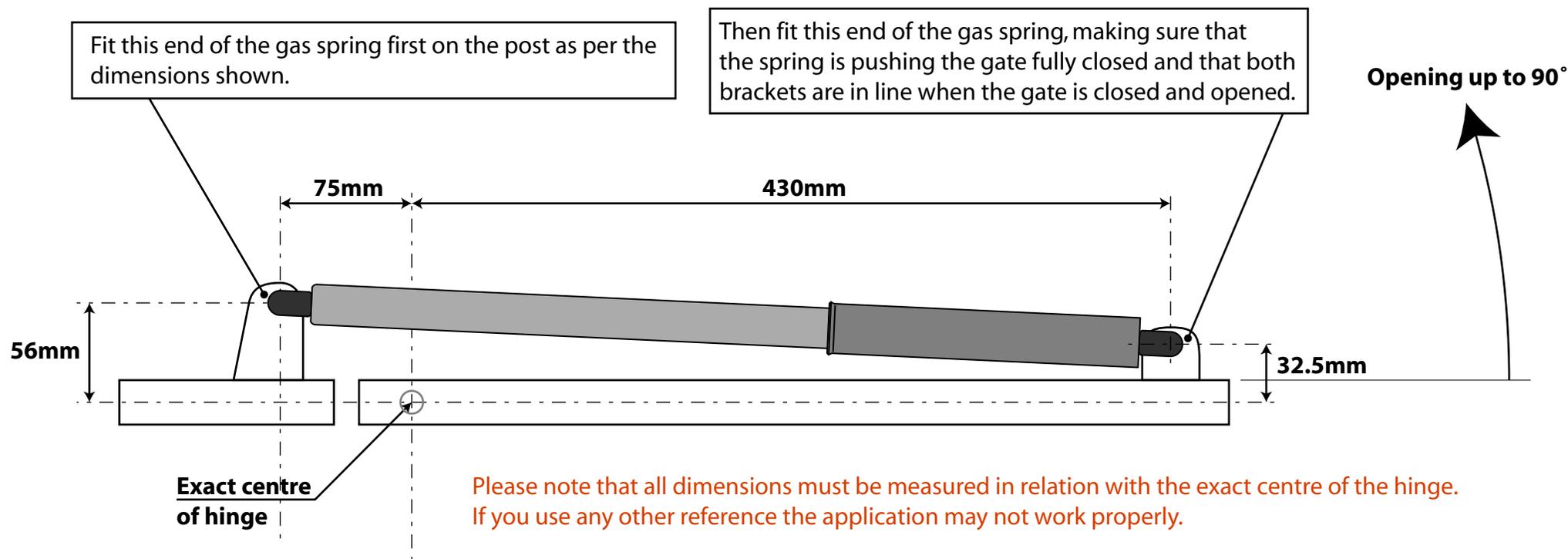
Depending on the force you order and friction in the hinge, the gas spring will close the gate fully in 4 to 7 seconds.

## 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 F100113/BB/0100

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

- If it takes a continuous 1 to 2kg of force at 500mm 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 2 to 4kg of force at 500mm to close the gate then go for part number F100600/BB/0300
- If it takes more than 4kg of force at 1m then you should consider alternative heavy duty solutions or use 2 or more gas springs per gate.



The ball joints are provided with the gas spring, see datasheet on: [http://www.industrialgassprings.com/uk/products\\_gates.asp](http://www.industrialgassprings.com/uk/products_gates.asp)  
The brackets shown on this drawing are part of your metal work and are not supplied by IGS



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