

### Overview:



- Quick and easy to install
- Pre-set hydraulic damping
- Adjustable gas closing force
- Opening angle: up to 110°
- [Installation video](#)



### Dimensions:

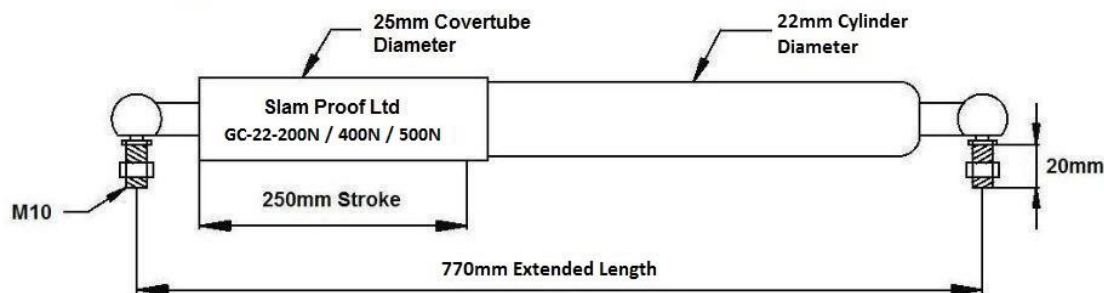
- **GC-22-200N** Suitable for gates up to 1m wide and 50kg.
- **GC-22-400N** Suitable for gates up to 1.5m wide and 100kg.
- **GC-22-500N** Suitable for gates up to 2m wide and 125kg.

Material: Black powder coated cylinder  
Ceramic coated piston rod  
Plastic cover tube  
Zinc plated angle joints

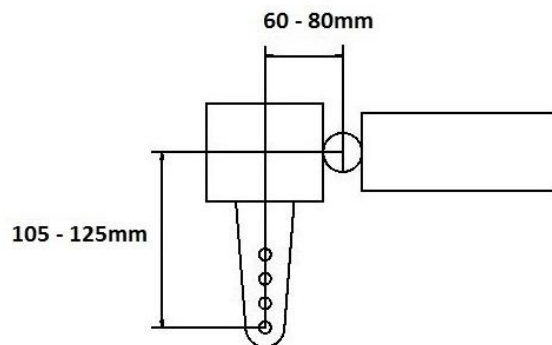
Temperature: -20 °C to +80 °C

Force: 200N / 400N / 500N

Closing time: approx. 6-8 seconds



### Recommended Installation:



- Gate closer is fixed to the opening side and is compressed by the gate.
- Fit a gate stop to limit the gates opening angle. The gate closer can be damaged by forcing when fully compressed.

**Installation Instructions:**

1. Fix the long bracket to the gate post with the dimensions detailed in the Recommended Installation.
2. Fix the small bracket to the gate. Ensure there is a distance of 760mm from the center of the furthest post bracket hole to the center of the gate bracket hole and the brackets are horizontally aligned.
3. Compress the gate closer and connect to the brackets.

**Closing Force Adjustment:**

- The closing force can be reduced by using one of the post bracket mounting holes nearer to the gate post.
- If the closing force is still too high it can be reduced by releasing some nitrogen gas from the cylinder.



1. Remove the angle joint fitted to the gate closer cylinder.
2. Hold the gate closer with the valve end pointing upwards.
3. Slowly screw the adjustment tool onto the threaded end. When you hear the nitrogen gas escape, immediately turn the adjustment tool in the opposite direction to avoid too much gas being released. Recommended to release gas in small bursts (less than 1 second). **Damage can be caused by screwing the adjustment tool too far into the valve.**
4. After adjusting, unscrew the adjustment tool and securely reattach the angle joint.
5. Test the gate closer in the application and if necessary repeat the above procedure.

**Use AT-10 adjustment tool.**

**If too much gas is released, gate closer will need to be returned for refilling. Please contact [info@slamproof.co.uk](mailto:info@slamproof.co.uk)**