

Overview:



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



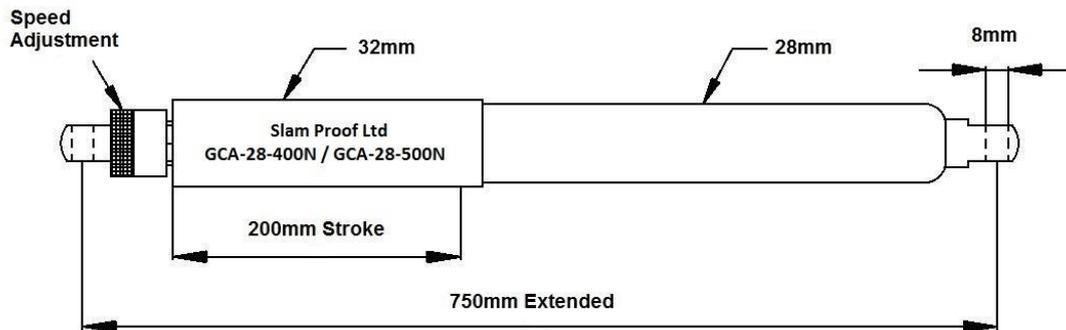
Dimensions:

- **GCA-28-400N:** Suitable for gates up to 1.5m wide and 100kg.
- **GCA-28-500N:** Suitable for gates up to 2m wide and 125kg.

Material: Black powder coated cylinder
Ceramic coated piston rod
Plastic cover tube
Zinc plated male rod clevis

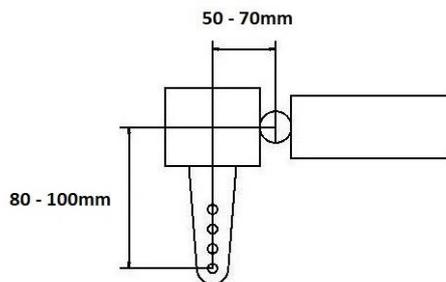
Temperature: -20 °C to +80 °C

Force: 400N or 500N

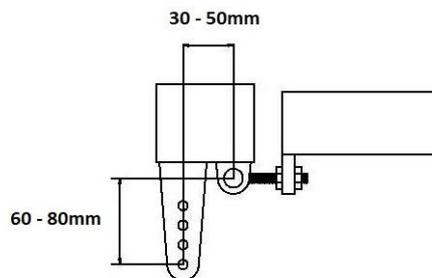


Recommended Installation:

Inline Gate Hinge



Offset Gate Hinge



- 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 740mm 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. The speed adjustment end connects to the small gate bracket.
4. Rotate the adjustment collar anti-clockwise until the desired speed is achieved.

Do not compress the mounting brackets by overtightening the nyloc nuts.

Only tighten the nuts until level with end of bolt, the bolt must not protrude from the nut. This allows the gate closer to tilt slightly and prevents stress on the connecting parts.

Speed Adjustment:

- Rotate adjustment collar a few clicks **clockwise** for **slower** closing speed.
- Rotate adjustment collar a few clicks **anti-clockwise** for **faster** closing speed.

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 eye 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 eye.
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