

Lock-tec Pedestrian Gate Closer 400N (with adjustable closing speed) Suitable for gates up to 1.2m wide

The Lock-tec pedestrian gate closer is a fully featured commercial closer for gate arrangements with offset hinges. This gate closer provides consistent automatic closing without slamming.

Mounted on the gate surface, the Lock-tec pedestrian gate closer is suitable for retrofitting to existing gates and also for fitting to new gates at the time of fabrication.

Each Lock-tec pedestrian gate closer kit includes a closer, fitting brackets and instructions, but does not include fixings as they vary according to the gate and post specification.

The installation process is relatively simple and ongoing maintenance is limited to regular inspection and lubrication as necessary. **As with all gate closers of this type, it is advisable to fit a 'stop' ** restricting the opening angle to avoid damage to the closer.**

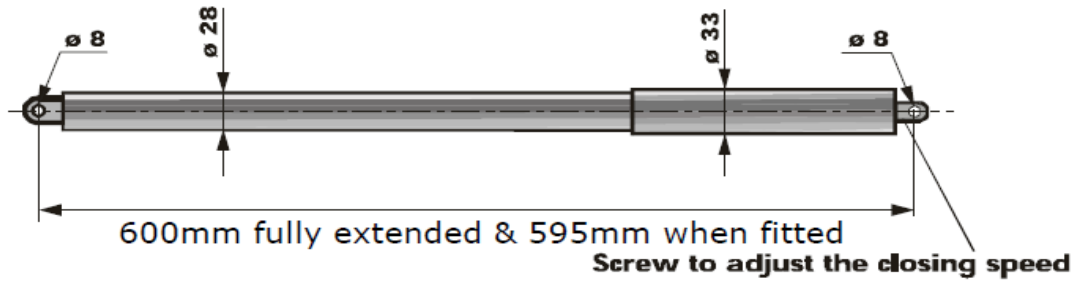
The closing speed of the Lock-tec pedestrian gate closer is adjustable. By turning a hexagon headed screw located on one eyelet, the closers speed is increased or decreased. This feature is available on both models, the black PVC coated steel and the stainless steel.



Technical overview:

Material	Steel or stainless steel
Colour	Black or silver
Finish	Black PVC coat or st/steel
Hinge arrangements	Offset (Back hung)
Opening angle	Up to 110 degrees **
Max. gate weight	80 kg
Max. gate width	1.2m
Types of gate materials	Timber or metal
Gate closing time	Adjustable
Opening hand forces	10-25N (1- 2.5kg)
Bracket material	Steel or stainless steel
Bracket finish	Zinc plated or st/steel
End fittings	Eyelets

Dimensions

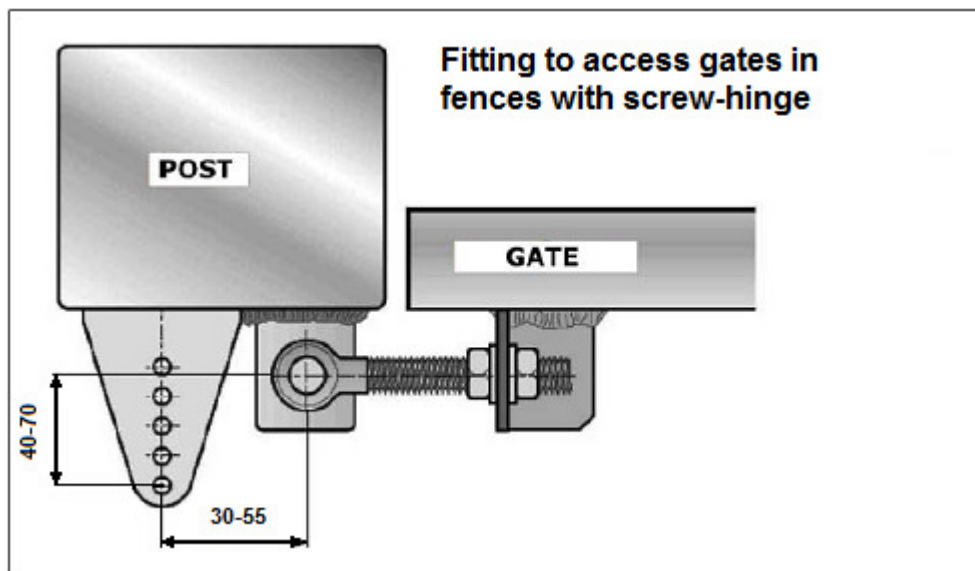


How it Works

The Lock-tec pedestrian gate closer is fixed to the opening side of the gate and to the gate post. Once the gate is opened by the user, the closer is compressed by the gate. When the user releases the gate the closer pushes the gate closed with a controlled action.

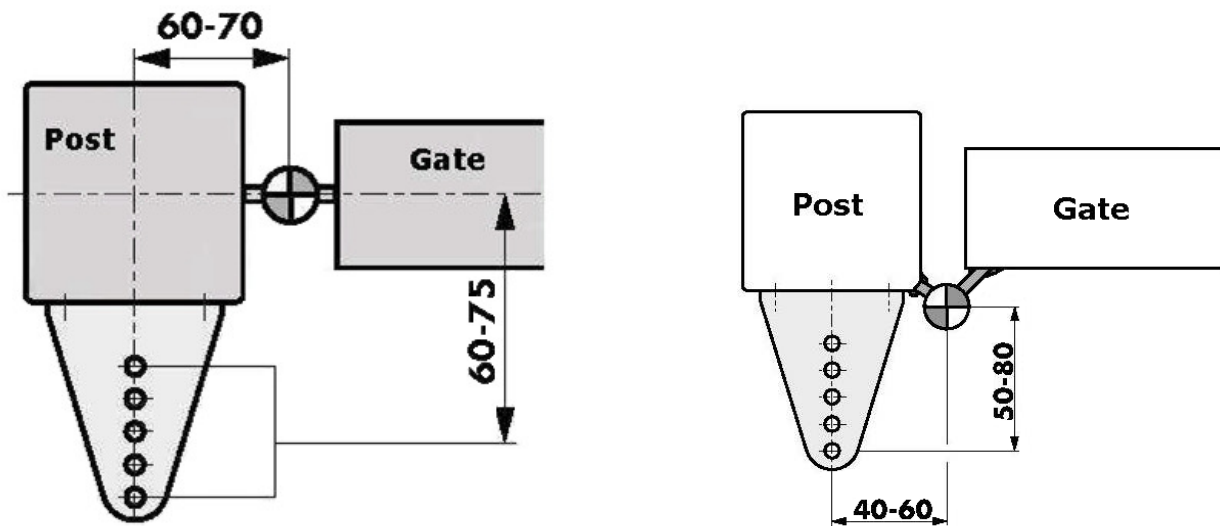
The Lock-tec pedestrian gate closer is a simple yet reliable method of closing gates with offset hinge arrangements. It is very important that mechanical stops are fitted to the gate to ensure the gate is not opened too far or closed too far as this could cause damage to the closer.

INSTALLATION –Hinge Arrangements Long Reach Post Bracket

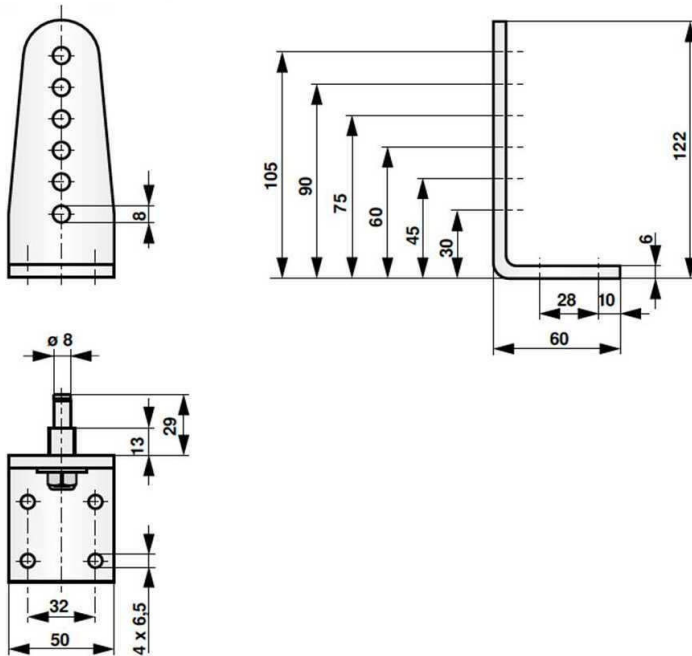


IMPORTANT NOTES

The Lock-tec pedestrian gate closer is recommended to be fitted to gates with offset hinge arrangements, as shown above.



Bracket Dimensions



Installation Instructions

STEP 1 –Fix long or short reach bracket 205264 or 205264A to the gate post. Please observe the dimensions shown within the hinge arrangement drawings to ensure the bracket is in the correct position.

STEP 2 –Fix the gate bracket (205197) to the gate surface.

IMPORTANT: Please ensure that the distance between the centre of the outermost fixing hole in the post bracket and the centre of the hole in the gate bracket does not exceed 595mm. The two brackets must be horizontally aligned with a spirit level to ensure a smooth closing action. If this is not correct the closers life expectancy will be dramatically reduced.

STEP 3 –Fix the gate closer to the brackets. You will have noticed that the closer is 600mm long when supplied. The closer needs to be compressed prior to connecting it to the brackets.

Adjust the closing speed with the hexagon key to its slowest speed (turn clockwise), you will know when this has been achieved, because when you compress the closer it will not re extend.

Grease the eyelet of the gate closer and then open the gate until the holes in the brackets meet with the hole centres of the compressed gate closer.

As a guide, the further out from the gate post that you mount the closer, the higher the closing force and the higher the hand force to open the gate.

When the closer is securely attached to the brackets turn the speed adjustment screw about 1½ turns anti-clockwise. The closer will now close the gate.

Closing Speed Adjustment

Open the gate slightly. Insert the hexagon key into the socket screw.

TURN CLOCKWISE = SLOWER CLOSING SPEED

TURN ANTI-CLOCKWISE = FASTER CLOSING SPEED

Be careful not to over adjust the closer (clockwise or anti-clockwise).

Maintenance Instructions

Regular maintenance is required to reduce the risk of premature failure of the gate closer. The regularity of the maintenance is a variable according to the extremities of the application environment. Typically maintenance intervals would be quarterly depending upon the environment and frequency of use.

Maintenance checks

- 1) Maintain lubrication of end fixings & joints to both the gatepost & gate surface using lithium grease.
- 2) Ensure the closer remains in a horizontal position at all times.
- 3) Check to ensure all bracket fixings are secure.
- 4) Check that gate is moving in a consistent horizontal motion.
- 5) Check for damage to the closer or gate.
- 6) Lubricate the hinges of the gate

General Comments & Disclaimer

LOCK-TEC will accept no liability for any damage to the products whatsoever caused by incorrect fitting, vandalism, misuse or any incorrect assessment of the application.

Thorough assessment of each gate application is essential. Failure to foresee the possible opportunities for vandalism, misuse and environmental attack are likely to cause premature failure.

LOCK-TEC will accept no liability for any personal injury or damage to the closer occurring during the installation or use of this product. In purchasing this product, the purchaser accepts all responsibility for the installation, operation and maintenance of the product throughout its life cycle.