

Overhead Closer

Introduction

Briton 121CE is a compact, fixed power size EN 3 door closer suitable for light to medium duty applications. This cost effective closer exhibits the characteristics of performance, durability and quality that one has come to expect from a Briton door closer, and is certified in all applications.

Features & Functions

- Fixed power size EN 3
- Certified for door mount pull, parallel arm and transom mount push side applications
- Pressure die cast aluminium body
- Screw thread forged steel armset
- Adjustable closing speed & latch action
- Fitting template for quick, accurate installation
- Suitable for fire door and non fire door applications
- Available in a choice of sprayed finishes



certifire



Certification

UKCA Marked to EN 1154 (1121-CPR-UK-AD7602)

CE Marked to EN 1154 (2812-CPR-AD0248)

Certifire Approved (CF390)

Fire tested to EN 1634-1 for use on fire doors up to 2hr timber

Environmental Product Declaration in accordance with ISO 14025 and EN 15804

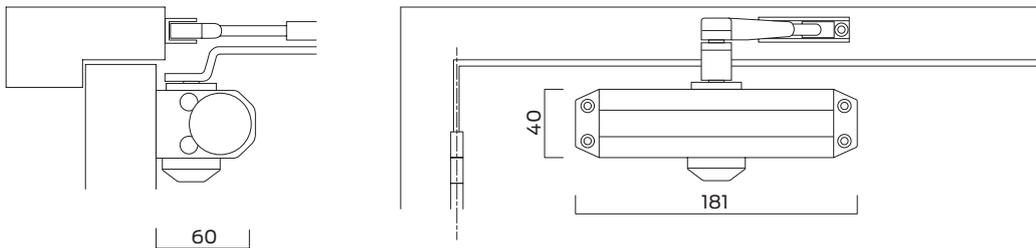
DoP available at www.britondops.co.uk

Overhead Closer Briton 121CE

| Product features | Product references |
|---|------------------------|
| | 121CE |
| Closer type | Projecting/scissor arm |
| CE marked | ■ |
| Certifire Approved | ■ |
| Fixed closing power EN size | 3 |
| Door limits (width/weight) | 950mm/60kg |
| Adjustment type | n/a - fixed power |
| Maximum angle of opening | 180° |
| Adjustable closing speed & latch action | ■ |
| Regular armset and bracket | ■ |
| Parallel armset and bracket | ■ |
| Mechanical hold-open armset | n/a |
| Cover variants | n/a |
| Finishes available | BES, GES, SES, WHS |
| UKCA & CE Classification | 4 8 3 1 1 3 |

- Standard
- Available as an option/variant

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- Available as an option/variant



All dimensions are in mm

| Accessories & Parts | |
|---------------------|---------------------------|
| 121.BRK.66 | Parallel mounting bracket |
| 121CE.AP | Screw thread arm pack |

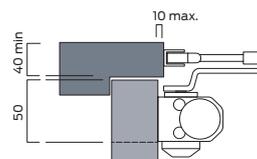


Fig.1
Door mount - pull side
UK CA CE

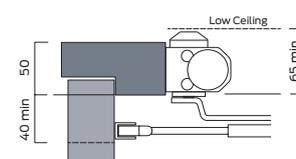


Fig.61
Transom mount - push side
UK CA CE

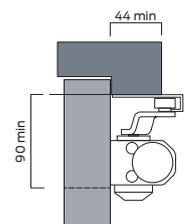


Fig.66
Parallel arm - push side
UK CA CE

Finishes

All finish variants are supplied with matching armset and brackets



SES
Sprayed silver



GES
Sprayed gold



BES
Brown



WHS
White

General Maintenance

Door controls

Allegion has identified that many problems associated with overhead door closers can be attributed directly to errors in installation rather than problems with the door closer itself. If the door is not closing properly into the frame you should first disconnect the door closer (disconnect the arm(s)) and determine that there is not an underlying problem with the door, frame or any smoke /draft seals that might be fitted.

PLEASE NOTE:

The power of the door closer should not be used to overcome problems associated with the door or other items of hardware fitted to it. Under no circumstances should the closer body be dismantled.

Types of maintenance

Much of the routine maintenance recommended consists of a combination of visual and mechanical checks, cleaning and lubrication. Look out for the icons opposite which provide a 'quick glance' reminder of the maintenance required.

Visual checks

Primarily making a visual check on the product and surrounding door/frame looking for wear, damage, and general condition.



Functional checks

Consists of checking that the product operates properly ensuring the door can fully close without any binding or undue force required. Check that any seals or weatherstripping do not inhibit correct operation of the door



Check fixings

Fixings need to be checked regularly and tightened when necessary. Check that no projection of fixings prevents the door from swinging freely.



Lubricating

Some products will benefit from periodic lubrication using a light machine oil or as instructed.



Cleaning

Build up of grease, dust and harmful chemicals should be removed to prevent corrosion and maintain the product finish.



Closer Maintenance

WEEKLY

Release the door from the fully open position and ensure that it closes fully into the frame. Ensure the latch (if fitted) engages fully into the strike plate. Repeat the process a few times from different angles of opening to ensure the door closes consistently each time.



Check that the door or hardware does not come into contact with the door frame or the surrounding structure.



QUARTERLY

The fixings of the closer body and the bracket are subject to stress and should be checked carefully to make sure they are tight.



Periodically apply a little light machine oil to the moving joints of the arm and bracket.



Check any fire and smoke seals to ensure they do not foul the action of the door.



Check for any loss of fluid from the door closer body which would indicate a failing device.

Clean the closer body, arms and bracket/track if necessary following the guidance on "Care of Finishes" on page 16 of the "Service & Maintenance Guide".



FIRE DOOR APPLICATIONS

When installed as part of a fire precaution system the door closing mechanism, including the door selector if used on a double door arrangement, should be checked in accordance with standing periodic fire testing procedures.

Routinely check that all fixings of the closer body and bracket are tight.

Routine care of finishes as necessary.