

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 and transom mount push side applications
- Pressure die cast aluminium body
- Screw thread forged steel armset
- Adjustable closing speed & latch action
- Universal fittings for door mount, transom and parallel arm mount
- Fitting template for quick, accurate installation
- Optional hold-open armset available (**not to be used on fire doors**)
- Suitable for fire door applications
- Available in a choice of sprayed finishes



Certification

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

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

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

Certifire Approved (CF390)

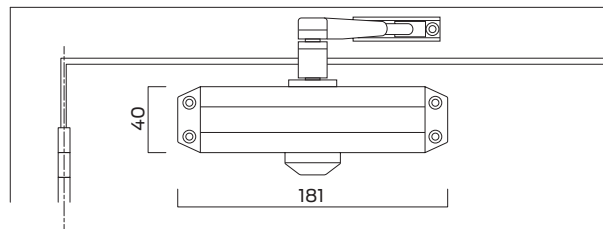
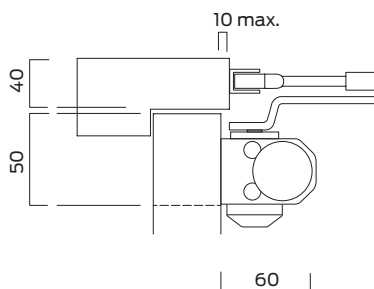
Environmental Product Declaration in accordance with ISO 14025 and EN 15803

DoP available at www.britondops.co.uk

Overhead Closer Briton 121CE

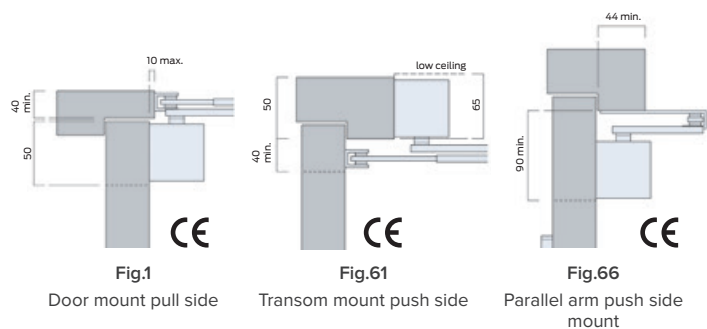
Product features	Product references
	121CE
Closer type	Projecting/scissor arm
CE marked	■
Fixed closing power EN size	3
Door limits (width/weight)	950mm/60kg
Adjustment type	n/a - fixed power
Maximum angle of opening	180°
Adjustable closing speed & latch action	■
Regular armset and bracket	■
Parallel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

■ Standard □ Available as an option/variant



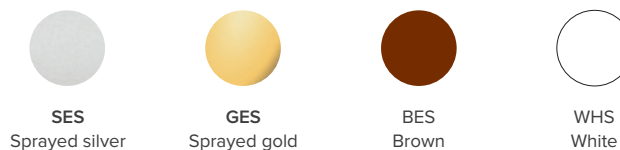
All dimensions are in mm

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



Finishes

All finish variants are supplied with matching armset and brackets



General Maintenance

Door controls

In research, Allegion has identified that 95% of all 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.