Overhead Closers

1110
1110.S

Introduction

Briton 1110 is an industry leading compact, template adjustable size EN 2-4 medium duty door closer suitable for living accommodation and commercial spaces. Available with simple trimplate cover or softline all-over cover to conceal fixings and adjustment screws.



1110.S.SSS

Softline (S) cover shown in Satin Stainless Steel finish.



1110.SES

Features & Functions

- Template adjustable closing power size EN 2-4 door & transom mount, EN 3 parallel arm mount applications
- Certified, UKCA and CE marked for door mount pull, transom mount push and parallel arm push side applications.
- Cast aluminium body
- Adjustable closing speed and latch action
- Fitting template for quick, accurate installation
- Screw thread armset in forged steel for additional strength and durability (supplied with trimplate variants)
- Softline cover variant supplied with flatform arm pack
- Snap joint arm connection for quick and easy installation and maintenance
- Trimplate option a cost effective means of concealing fixing and adjustment screws
- Suitable for fire door and non-fire door applications*
  * For fire door applications power size EN 3 is a requirement
- Optional hold-open armset (**not to be used on fire doors**)
- Available in a choice of sprayed finishes and plated cover and arm options

Certification

UKCA Marked to EN 1154 (1121-CPR-UK-AD7580)

CE Marked to EN 1154 (2812-CPR-AD0033)

Certifire Approved (CF388)

Fire tested to EN 1634-1 for use on fire doors up to 2hr timber / 4hr steel *[* May be fitted to fully insulated steel based doorsets or uninsulated steel based doorsets where the closer is fitted to the fire risk face only].*

Environmental Product Declaration in accordance with ISO 14025 and EN 15804

DoP available at www.britondops.co.uk

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Briton

DOOR CONTROLS

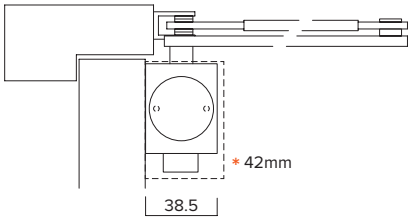
Overhead Closer Briton 1110

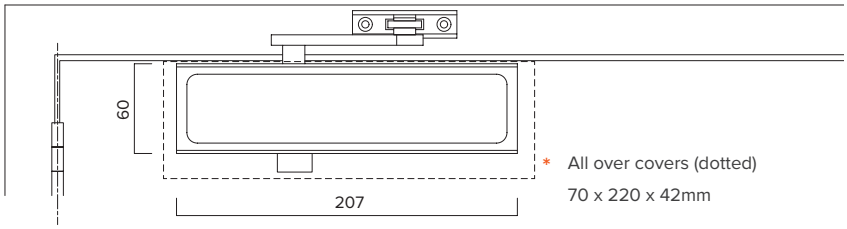
Product features	Product references	
	1110	1110.S
Closer type	Projecting/scissor arm	Projecting/scissor arm
UKCA & CE marked	■	■
Adjustable closing power EN size *	2 - 4 (door & transom mount) 3 (parallel arm mount)	2 - 4 (door & transom mount) 3 (parallel arm mount)
Adjustment type	Template adjustable	Template adjustable
Door limits (width/weight)	1100mm/80kg	1100mm/80kg
Maximum angle of opening	105˚	105˚
Adjustable closing speed & latch action	■	■
Tri-pack armset (see below)	■	■
Mechanical hold-open facility (non fire doors only)	□	□
Cover variants	Trimplate	S cover
Finishes available	SES, GES	SES, SSS
UKCA & CE Classification - door mount	3 8 2-4 1 1 3	3 8 2-4 1 1 3
UKCA & CE Classification - transom & parallel mount	3 8 3 1 1 3	3 8 3 1 1 3

■ Standard

□ Available as an option/variant

Closer with trimplate (all over cover options dotted)





All dimensions are in mm

Accessories & Parts	
1110.AP	Arm pack
1110.APF	Flatform arm pack
1110.APH	Hold-open arm pack
1110.BRK66	Fig.66 bracket pack
1110.CPS	Cover pack
1110.FP.ZP	Fixing pack
1110.TPB	Trimplate replacement

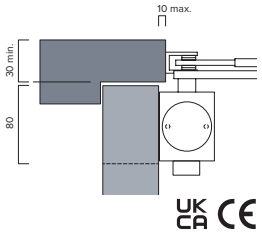


Fig.1
Door mount pull side

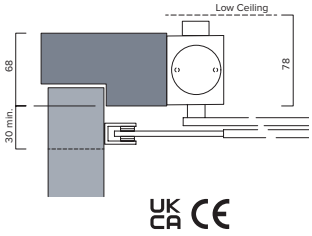


Fig.61
Transom mount push side

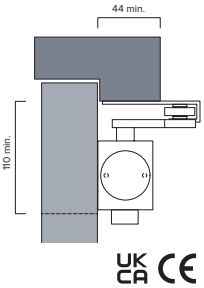


Fig.66
Parallel arm push side mount

Finishes

All finish variants are supplied with matching armset and brackets.

Other sprayed finishes are available on request.

SES
Sprayed silver



GES
Sprayed gold



SSS
Satin
stainless steel

General Maintenance

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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.



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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 and adjust the closing and latching speeds if necessary.

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 bracke 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 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.