Overhead Closer

1120B
1120B.S

Introduction

Briton 1120B is an industry leading compact spring adjustable EN 2-4 medium duty door closer, UKCA & CE marked with backcheck. This compact bodied closer has a slide in trimplate to conceal fixings and is also available with all-over cover options. Ideal for living accommodation and commercial spaces.



1120B.S.SSS

1120B.SES

Features & Functions

- Spring adjustable power size
  EN 2-4 door & transom mount
  EN 3-4 parallel arm applications
- Certified, UKCA and CE marked for door mount pull, transom mount push and parallel arm push side applications
- Suitable for doors up to 1100mm wide and 80kg
- Capable of meeting the requirements for BS8300
- Adjustable closing speed & latch action
- Certified built-in backcheck to prevent damage to the door and frame in all applications
- Cast aluminum body
- Screw thread armset in forged steel for additional strength and durability (supplied for all trimplate variants)
- Snap joint arm for quick and easy installation and maintenance.
- Fitting template for quick, accurate installation
- Suitable for fire and non-fire door applications*
  * For fire door applications, power size 3 is a requirement

Certification

UKCA Marked to EN 1154 (1121-CPR-UK-AD7581)

CE Marked to EN 1154 (2812-CPR-AD0034)

Certifire Approved (CF388) for power sizes EN 2-4 in door and transom mount, EN 3-4 in parallel arm applications

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]*. (* Softline variant certified for 1hr rating on steel doors)

Environmental Product Declaration in accordance with ISO 14025 & EN15804

DoP available at www.britondops.co.uk

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Briton

DOOR CONTROLS

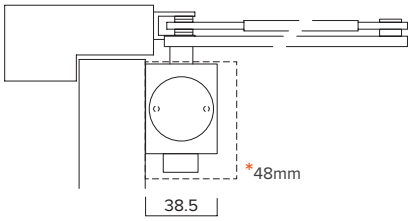
Overhead Closer Briton 1120B

Product features	Product references	
	1120B	1120B.S
Closer type	Projecting/scissor arm	Projecting/scissor arm
UKCA & CE marked	■	■
Certifire approved	■	■
Fixed closing power EN size	2 - 4 (door & transom mount) / 3 - 4 (parallel arm mount)	
Door limits (width/weight)	1100mm/80kg	1100mm/80kg
Adjustment type	Spring adjustable	Spring adjustable
Maximum angle of opening	180° (door & transom mount) / 105° (parallel arm mount)	
Adjustable closing speed & latch action	■	■
Adjustable backcheck	■	■
Suitable for mounting applications	As shown below	As shown below
Mechanical hold-open facility (non fire doors only)	□	□
Cover variants	Trimplate	Softline cover
Finishes available	SES, GES	SES, SSS
UKCA & CE Classification (door & transom mount)	**4 8 2-4 1 1 3**	**4 8 2-4 1 1 3**
UKCA & CE Classification (parallel arm mount)	**3 8 3-4 1 1 3**	**3 8 3-4 1 1 3**

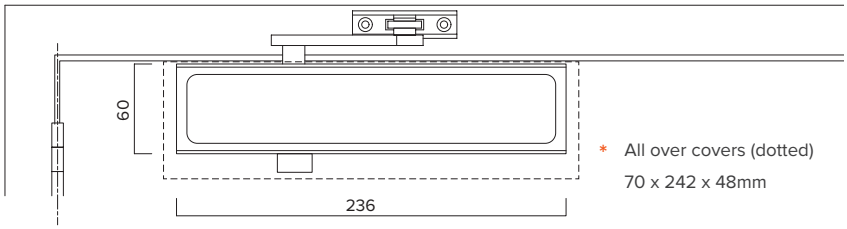
■ Standard

□ Available as an option/variant

Closer with trimplate (all over cover options dotted)



All dimensions are in mm



* All over covers (dotted)
70 x 242 x 48mm

Accessories & Parts	
1110.BRK66	Fig.66 bracket pack
1110.CPS	Cover pack
1110.FP.ZP	Fixing pack
1120.AP	Arm pack
1120.AFP	Flatform arm pack
1120.APH	Hold-open arm pack
1120.TPB	Trimplate
1120B.S.FP	Cover fixing pack

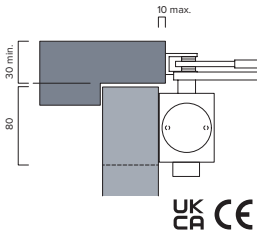


Fig.1
Door mount pull side

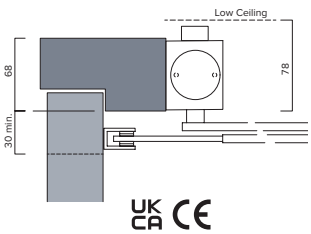


Fig.61
Transom mount push side

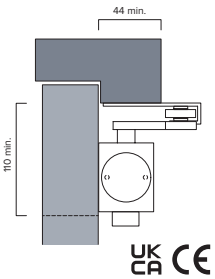


Fig.66
Parallel arm
push side mount

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

1120B
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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 the backcheck comes into operation at the desired angle and readjust 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 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 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.