

PRODUCT FILE

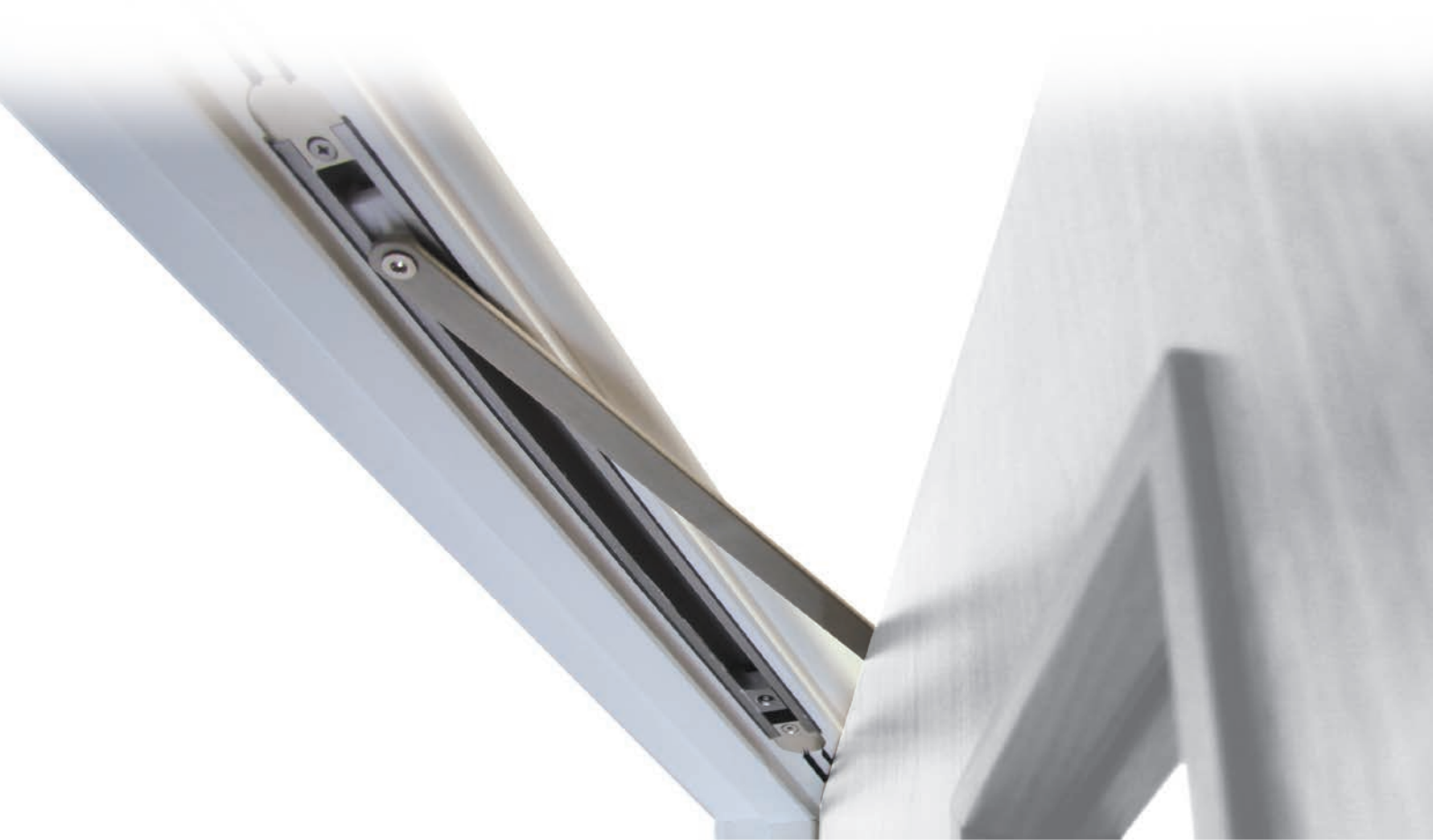
ITS.11204

Pack includes:

- Specification/Data sheet
- IP.114 Data sheet
- Product codes
- Fire certification – Certifire Certificate
- EU CE cert
- EU CE Declaration of Performance (DoP)
- UKCA cert
- UKCA DoP
- BIM file (Drawing only – file downloadable from the website)
- Fitting instructions
- Cushion stop fitting
- Hold-open device fitting
- O&M Manual

CONCEALED SLIDE ARM DOOR CLOSERS

ITS.11204



CONCEALED SLIDE ARM DOOR CLOSERS

ITS.11204

Renowned for its slimline mechanism (32mm body) and suitability for assisting BS8300 requirements, the Rutland ITS.11204 Cam Action door closer has been successfully fire tested numerous times in 44mm fire doors, making it a perfect door closer for situations where minimal aesthetics are required.



30-60min



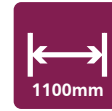
Opening Angle
110°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width
1100mm



Max Door
Weight
130Kg

- Certifire Approved
- Power Adjustable by spring, size 2-4
- Suitable for both 44 and 54mm thick doors
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass & Antique Brass for next day delivery

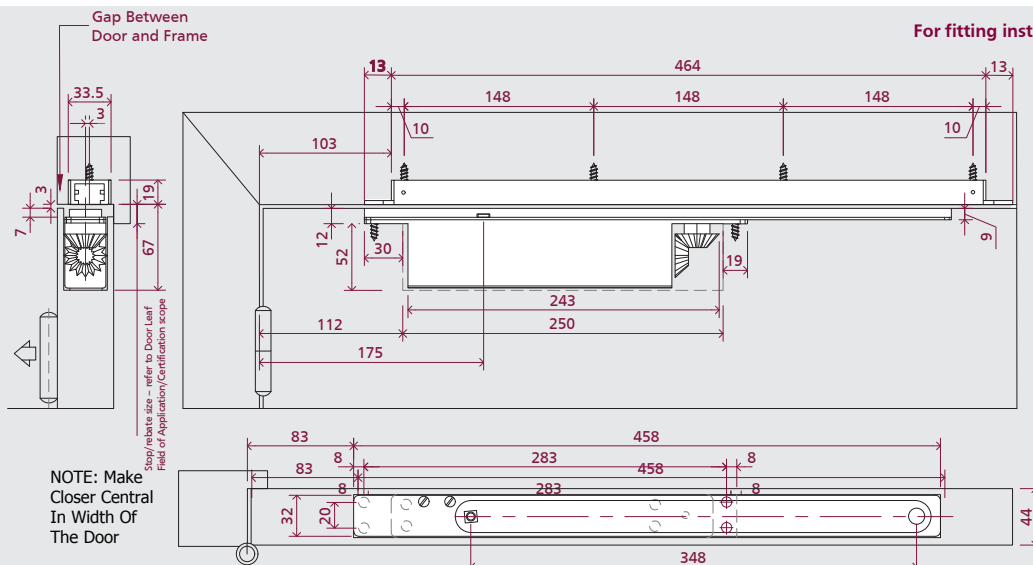
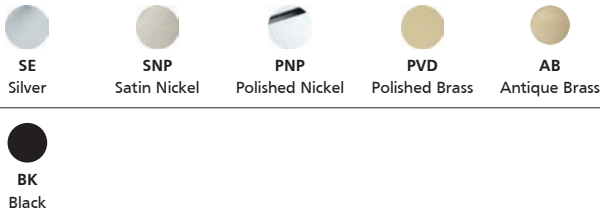


Intumescent kit (IP.114)

Product Features	ITS.11204
Delayed Action	-
Back Check	-
Opening Angle	110°
Door Width Min-Max	595-1100mm
Max Door Weight	<130kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions	W243 x H52 x D32mm
Certification Compliance	
Certifire	✓
UKCA	✓
CE	✓
BS EN 1154	✓
BS EN 1634	✓
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	

Finishes

See page 96 for more detail



For fitting instructions see website

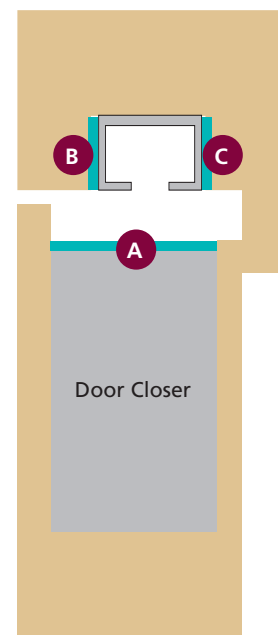
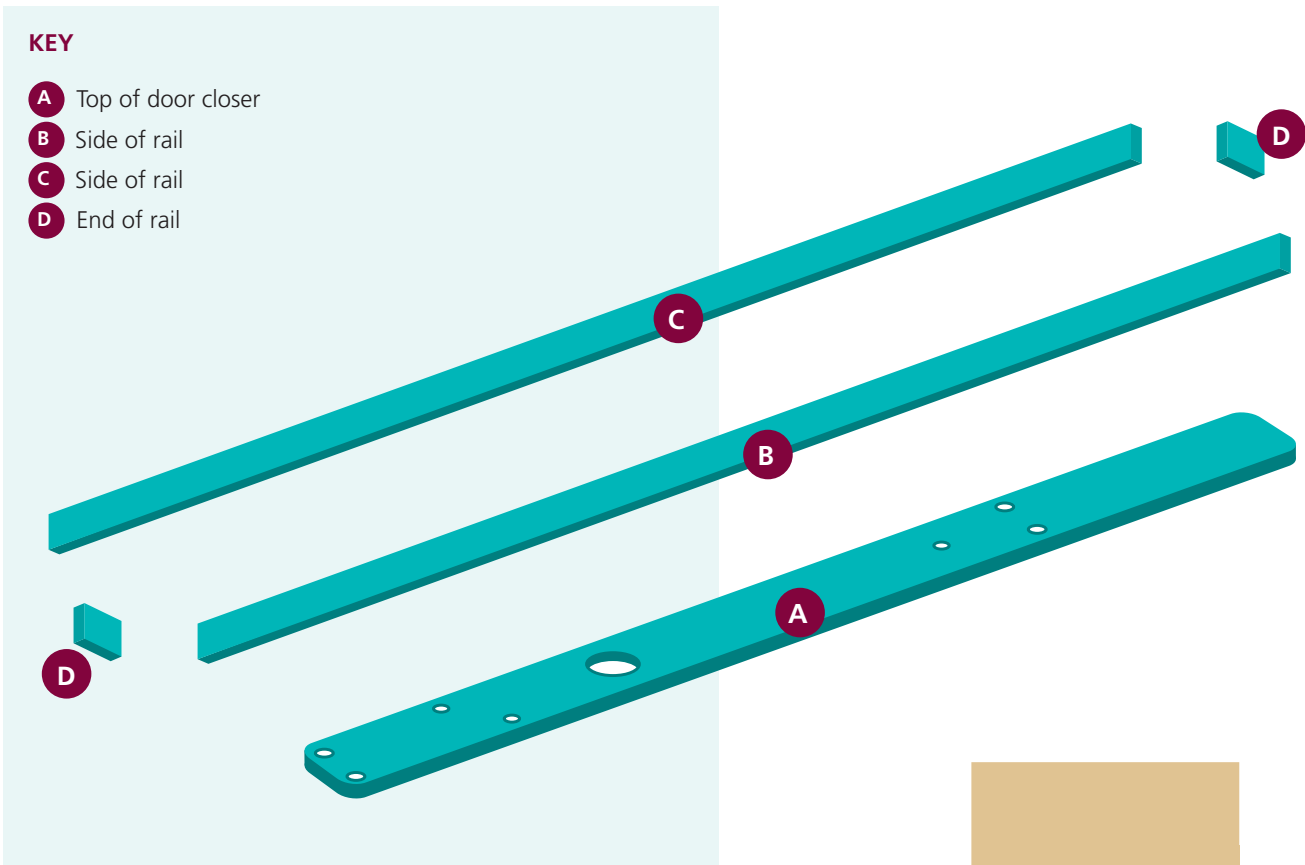
All dimensions shown are in mm.

INTUMESCENT FOR ITS.11204 CONCEALED CLOSER

IP.114


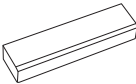

KEY

- A** Top of door closer
- B** Side of rail
- C** Side of rail
- D** End of rail



Product Overview

- 2mm intumescent to suit the Rutland ITS.11204 Concealed Door Closer
- (A) This intumescent sits on top of the ITS.11204 mechanism - allows you to retain an extra 4mm in the door and ensures no shadowing or breakout of the door
- Fire tested to EN1634 with the ITS.11204 Concealed Door Closer
- Self-adhesive, making it easier to install
- A 6 piece intumescent kit, 2mm thick self adhesive graphite

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
ITS.11204					
 <p>Single Action-ITS.11204 concealed standard rail slide arm door closer</p>	2-4	Silver	11172	ITS.11204.2.5.SE	10
		Satin Nickel	11173	ITS.11204.2.5.SNP	10
		Polished Nickel	11170	ITS.11204.2.5.PNP	10
		Polished Brass	11171	ITS.11204.2.5.PVD	10
		Antique Brass	12026	ITS.11204.2.5.AB	10
		Satin Brass	12521	ITS.11204.2.5.SB	10
		Black	12199	ITS.11204.2.5.BK	10
 <p>ITS.11204 Mechanism only</p>	2-4	Silver	11165	ITS.11204	10
 <p>ITS.11204 concealed door closer-to-slide arm complete with single action connector bar - CB.5</p>	-	Silver	12001	SA.2.5.SE	25
		Satin Nickel	12002	SA.2.5.SNP	25
		Polished Nickel	11998	SA.2.5.PNP	25
		Polished Brass	11999	SA.2.5.PVD	25
Standard Rail Intumescent Pack	-	-	11161	IP.114	100



CERTIFICATE OF APPROVAL
No CF5902

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

RUTLAND UK
Whittington Way,
Chesterfield,
SA1 9AG
TEL: 01246 261491

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT
ITS.11204 Concealed Door
Closers

TECHNICAL SCHEDULE
TS 34 - The Contribution Of
Controlled Door Closing
Devices And Accessories To
Fire Resisting Doorsets

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 6th September 2021
Audit Test Frequency: Annually
Valid to: 5th September 2026





CERTIFICATE No CF5902
RUTLAND UK

ITS.11204 Concealed Overhead Closer

1. This approval relates to the following concealed overhead door closing device and configurations:

	<i>ITS.11204</i>
Single-action	✓
Double-action	✘
Body door mounted in top edge	✓
Body transom mounted	✘

Key: ✓ - approved ✘ - Not approved

Note: Where alternative arms for non-fire applications are included within the packaging, the use of these components on fire resisting door assemblies will invalidate the certification.

2. This certification is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. This approval relates to their use with the following door assemblies: -

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 60 minutes (Code ITT).

4. The closers are approved on the basis of:
- i) Initial type testing to EN1154 and BS EN 1634-1
 - ii) An appraisal against TS34
 - iii) Certification of quality management system.
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with EN 1154 requirements
5. The closers shall be fixed with screws supplied by the closer manufacturer.
6. Where the closers are fitted to door leaves or frames that are manufactured from mineral composite-based materials, or low-density cellulosic- based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.

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CERTIFICATE No CF5902

RUTLAND UK

ITS.11204 Concealed Overhead Closer

7. Concealed closers shall only be fitted to doorsets which have previously been shown capable of accommodating the installation of similar concealed items at the head of the doorset, without detriment to the doorset's performance.
8. This approval is applicable only to the specified concealed closers used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154). Concealed closer models shall only be installed in conjunction with the intumescent protection detailed below.
9. This approval relates to ITS.11204 concealed overhead closers used with latched or unlatched single-leaf or double-leaf, assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores and in timber frames:
 - a. ITT30 - The bodies mounted in the door leaf, are approved for 30 minute single-action doorsets of the following specification (Code ITT):
 - i. Door leaves shall not less than 44 mm thick doors.
 - ii. The door frame shall consist of softwood or hardwood with a minimum density of 510 kg/m³ and with a minimum thickness of 30 mm (excluding any stop).
 - iii. The closer body was mounted centrally within the door thickness and the guiderail centrally within the frame rebate.
 - iv. The closer shall be fitted with intumescent protection in the form:
 - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), over the entire forend and recess in the top edge of the door.
 - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), to the vertical edges only of the guiderail.
 - b. ITT60 - The bodies mounted in the door leaf, are approved for 60 minute single-action doorsets of the following specification (Code ITT):
 - i. Door leaves shall not less than 54 mm thick doors.
 - ii. The door frame shall consist of hardwood with a minimum density of 640 kg/m³ and with a minimum thickness of 44 mm (excluding any stop).
 - iii. The closer body was mounted centrally within the door thickness and the guiderail centrally within the frame rebate.

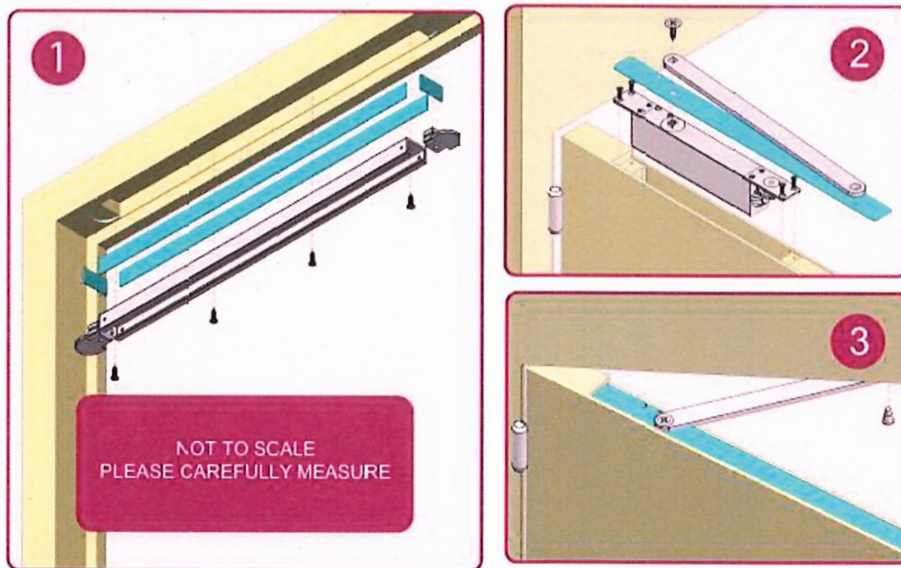
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CERTIFICATE No CF5902 RUTLAND UK

ITS.11204 Concealed Overhead Closer

- iv. The closer shall be fitted with intumescent protection in the form of:
- 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), over the entire forend and recess in the top edge of the door.
 - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), to the vertical edges only of the guiderail.
- v. In addition for ITT60 applications the perimeter intumescent fire seals within the door or frame shall by-pass the guide rail by a minimum of 3 mm on each side.



Note: Failure to install intumescent protection identified above will invalidate this certificate

10. The approval relates to on-going production. The product and/or its immediate packaging are identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

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Issued: 6th September 2021
Valid to: 5th September 2026

CERTIFICATE No CF5902 RUTLAND UK

ITS.11204 Concealed Overhead Closer

11. The following table shows acceptable doorset types and fire resistance periods for the concealed closer:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD120	x	x	x	x	x
FD240	x	x	x	x	x
E 20	x	x	✓	x	x
EI 20	x	x	✓	x	x
E 30	x	x	✓	x	x
EI 30	x	x	✓	x	x
E 60	x	x	✓	x	x
EI 60	x	x	✓	x	x
E 90	x	x	x	x	x
EI 90	x	x	x	x	x
E 120	x	x	x	x	x
EI 120	x	x	x	x	x
E 240	x	x	x	x	x
EI 240	x	x	x	x	x

Key:

- ✓ - approved
x - Not approved

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Valid to: 5th September 2026



CERTIFICATE No CF5902
RUTLAND UK

ITS.11204 Concealed Overhead Closer

12. Doors are classified as the following types:

Code ITT - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in timber-based frames.

Code ITM - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in steel frames.

Code ITC - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

Code MM - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

Code IMM - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals.

Scope of Approval:

- The closer may not be fitted to timber doorsets without perimeter intumescent fire seals within the frame rebate or door edge.
- Concealed overhead closers and their guide channel shall only be fitted in conjunction with the intumescent protection detailed previously in this certificate.
- Concealed overhead closers shall only be fitted to doorsets which have previously been shown capable of accommodating the installation of similar concealed items at the head of the doorset, without detriment to the doorset's performance.
- Mechanical Hold open option is not approved
- The following specific guide channels are approved for use with the concealed closers:
 - Non-hold open single-action guiderail with lever arm 29 mm wide x 19 mm high x 460 mm long.
- The following functions are supported by this certification:

Closer Ref.	Latch Control	Backcheck	Delayed-Action
ITS.11204	✓	x	x

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Valid to: 5th September 2026



CERTIFICATE No CF5902
RUTLAND UK

ITS.11204 Concealed Overhead Closer

Classification code

ITS.11204:

3	8	4 2	1	1	3
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Note: power ratings shall be appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).

Further Information

Further information regarding the details contained in this certificate may be obtained from Rutland UK. (Tel: 01246 261491).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

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Issued: 6th September 2021
Valid to: 5th September 2026

CERTIFICAT DE CONSTANCE DES PERFORMANCES
CERTIFICATE OF CONSTANCY OF PERFORMANCE

N° 1812-CPR-1811

Conformément au Règlement 305/2011/EU du Parlement européen et du Conseil du 9 mars 2011 (Règlement Produits de Construction – RPC), il a été établi que le produit de construction :
In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), it was established that the construction product:

Produit
Product

Dispositif de fermeture de porte avec amortissement
Controlled door closing device

Référence du produit
Reference of the product

Rutland ITS.11204.2.5 Concealed Door Closer

mis sur le marché par ou pour
placed on the market by or for

Rutland UK
Whittington Way,
Chesterfield, S41 9AG
Royaume Uni / United Kingdom

et produit dans l'usine de fabrication de
and produced in the manufacturing plant located in

E/010

est soumis par le fabricant à un contrôle de production en usine, et que EFECTIS France, organisme de certification notifié, a réalisé les essais/calculs de type initiaux relatifs aux caractéristiques concernées du produit, l'inspection initiale de l'usine et du contrôle de la production en usine, et réalise la surveillance continue, l'évaluation et l'acceptation du contrôle de la production en usine.

is submitted by the manufacturer to a factory production control, and that the notified certification body EFECTIS France, has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

Ce certificat atteste que toutes les dispositions concernant l'évaluation et la vérification de la constance des performances et les performances décrites dans l'annexe ZA de la norme de référence **EN 1154 : 1996 +A1 : 2002** pour le système 1 sont appliquées, et que le ou les produits satisfont toutes les exigences prescrites.

*This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance, described in Annex ZA of the standard **EN 1154 : 1996 +A1 : 2002** under system 1 are applied, and that the product(s) fulfill(s) all the prescribed requirements set out above.*

Ce certificat, délivré pour la première fois le **8 décembre 2020**, demeure valide tant que les exigences relatives aux méthodes d'essai et au contrôle de production en usine incluses dans la norme harmonisée et utilisées pour évaluer les caractéristiques déclarées restent inchangées, et que le produit et les conditions de fabrication dans l'usine ne sont pas modifiés de manière significative.

*This certificate, first issued on **December 8th, 2020** remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.*

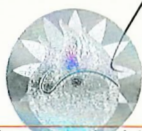
Ce certificat permet au fabricant, ses mandataires ou ses distributeurs, établis dans l'Espace Economique Européen, d'apposer le marquage CE.

This certificate allows the manufacturer, its mandatories or its distributors, stated in the European Economic Area, to affix the CE marking.

Certificat établi à Saint-Aubin le / *Certificate established at Saint-Aubin on : **01/02/2023.***

Par délégation du Directeur technique Certification / *By delegation of the technical Certification director.*


Yannick LE TALLEC
Directrice Certification / *Certification director*



Organisme notifié
Notified body
n° 1812

ANNEXE AU CERTIFICAT DE CONSTANCE DES PERFORMANCES
A LA NORME EN 1154 : 1996 +A1 : 2002
ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE
TO THE STANDARD EN 1154 : 1996 +A1 : 2002

N° 1812-CPR-1811

Produit <i>Product</i>	Dispositif de fermeture de porte avec amortissement <i>Controlled door closing device</i>
Référence du produit <i>Reference of the product</i>	Rutland ITS.11204.2.5 Concealed Door Closer
Certificat délivré à <i>Certificate delivered to</i>	Rutland UK Whittington Way, Chesterfield, S41 9AG Royaume Uni / United kingdom

Description du champ couvert par le certificat / Description of the field covered by the certificate:

Ferme porte avec amortissement - dispositif de fermeture à action unique à force fixe
Overhead door closer - Fixed strength single action device

Installation du produit / <i>Product installation</i>	Classification EN 1154 / <i>Classification EN 1154</i>					
Position dissimulée au-dessus de la porte <i>Overhead concealed door</i>	3	8	2 à/to 4	1	1	3

Certificat établi à Saint-Aubin le / *Certificate established at Saint-Aubin on* : **01/02/2023.**

Par délégation du Directeur technique Certification / *By delegation of the technical Certification director,*

Yannick LE TALLEC
Directrice Certification / *Certification director*



DECLARATION OF PERFORMANCE



DoP-ITS.11204.2.5-CE



(ITS.11204.2.5)

- Unique identification code of the product / type:-
ITS.11204 2-4 variable power Concealed Door Closer with micro rail with adjustable latch action, 110 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
11172, 11173, 11170, 11171, 12026, 12521, 12199
- Intended use:- For use on fire/smoke compartmentation doors, when fitted in accordance with the supplied fitting instructions and maintained to the manufacturers O&M Manual.
- Manufacturer:- Rutland Door Controls Europe Limited, Unit 5B, Fingal Bay Business Park, Balbriggan, Dublin, Ireland
- System or systems assessment and verification of constancy of performance (AVCP):- System 1
- Harmonised Standard:- EN 1154:1996 + A1:2002
- Notified Body:- Efectis EU notified body no. 1812
- Certification No.:- 1812-CPR-1811
- Declared Performance:-

Conditioning: Concealed Closer power size 2-4 with micro rail and adjustable latch action with 120 degree maximum opening angle

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		EN 1154:1996 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Power size 2 - 4	
5.2.4 Opening moment	Power size 2 - 4	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 for closing doors from 105 degrees	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Back check	Pass	
5.2.15 Adjustable closing force	Pass	

DECLARATION OF PERFORMANCE



<i>Durability of Self Closing</i>		EN 1154:1996 + A1:2002
5.2.2 Durability	500,000 test cycles – Grade 8	
5.2.17 Corrosion resistance	High corrosion resistance - Grade 3 (96 hours)	
Dangerous Substances	Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations (1)	

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink, appearing to read 'Kevin O'Reilly', written over a horizontal line.

Kevin O'Reilly
Technical Director

Dated 18-04-2024



CERTIFICATE OF CONSTANCY OF PERFORMANCE

1720-CPR-0188

In compliance with Statutory Instruments 2019 No.465 of the United Kingdom Houses of Parliament 5th March 2019 (The Construction Products (Amendment etc.) (EU Exit) Regulations 2019), this certificate applies to the construction product:

Rutland ITS.11204.2.5 Concealed Door Closer – single action concealed overhead door closer with standard size slide rail

a single action concealed overhead door closer for use on single or double leaf fire resisting and smoke control doors.

Particular conditions applicable: **Variable power size 2 to 4 with adjustable latch and optional cushion stop back-check.**

product classification

3	8	2 4	1	1	3
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produced by

Rutland UK
Whittington Way,
Chesterfield, S41 9AG

and produced in the manufacturing plant(s)

Factory Code: B - O

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

BS EN 1154:1997 + A1:2002

Under system 1 are applied and that the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 1st January 2021 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are not modified significantly unless suspended or withdrawn by the approved product certification body.



Princes Risborough, UK

Director of Certification

IFC Certification Ltd
UK Approved Body No. 1720

20 Park Street, Princes Risborough, Buckinghamshire, HP27 9AH, UK
Tel: +44(0) 1844 275500, Fax: +44(0) 1844 274002, E-mail: info@ifccertification.com
Registered No: 4777898 England
©IFC Certification Ltd 2021

DECLARATION OF PERFORMANCE



DoP-ITS.11204.2.5-UKCA



(ITS.11204.2.5)

- Unique identification code of the product / type:-
ITS.11204 2-4 variable power Concealed Door Closer with micro rail, with adjustable latch action, 110 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
11172, 11173, 11170, 11171, 12026, 12521, 12199
- Intended use:- For use on fire/smoke compartmentation doors, when fitted in accordance with the supplied fitting instructions and maintained to the manufacturers O&M Manual.
- Manufacturer:- Rutland UK, Unit 4, Holmewood Business Park, Chesterfield Road, Chesterfield, S42 5US, UK
- System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V :- System 1
- Harmonised Standard:- BS EN 1154:1997 + A1:2002
- Notified Body:- IFCC UK Conformity Assessment body No. 1720
- Certification No.:- 1720-CPR-0188
- Declared Performance:-

Conditioning: Concealed Closer power size 2-4 with micro rail and adjustable latch action with 120 degree maximum opening angle

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		BS EN 1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Power size 2 - 4	
5.2.4 Opening moment	Power size 2 - 4	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 for closing doors from 105 degrees	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Back check	Pass	
5.2.15 Adjustable closing force	Pass	

DECLARATION OF PERFORMANCE



<i>Durability of Self Closing</i>		BE EN 1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles – Grade 8	
5.2.17 Corrosion resistance	High corrosion resistance - Grade 3 (96 hours)	
Dangerous Substances	Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations (1)	

The performance of the product identified above is in conformity with the set of declared performance/s.

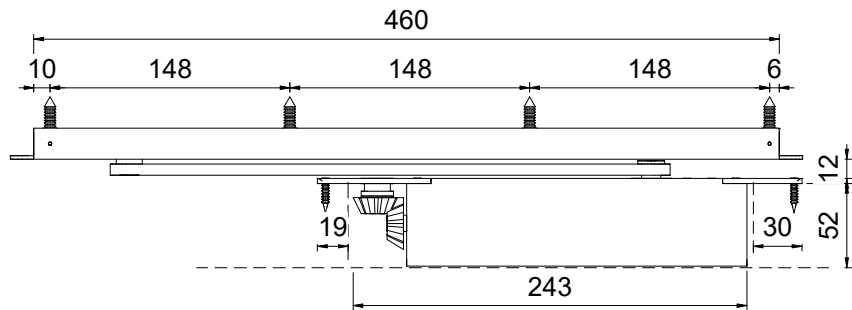
This declaration of performance is issued, in accordance with the Construction Products (Amendment etc) (EU Exit) Regulations, 2019 No. 465 & 2020 No.1359.

Signed for and on behalf of the manufacturer by:

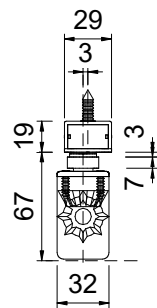
A handwritten signature in black ink, appearing to read 'Kevin O'Reilly', written over a horizontal line.

Kevin O'Reilly
Technical Director

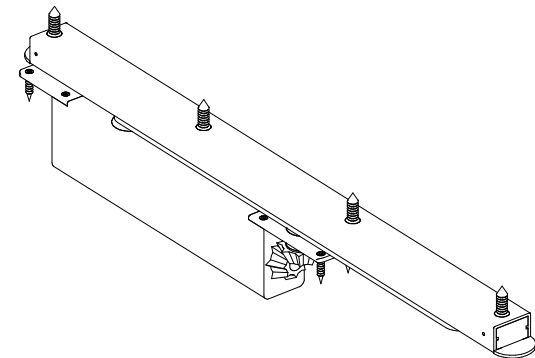
Dated 18-04-2024



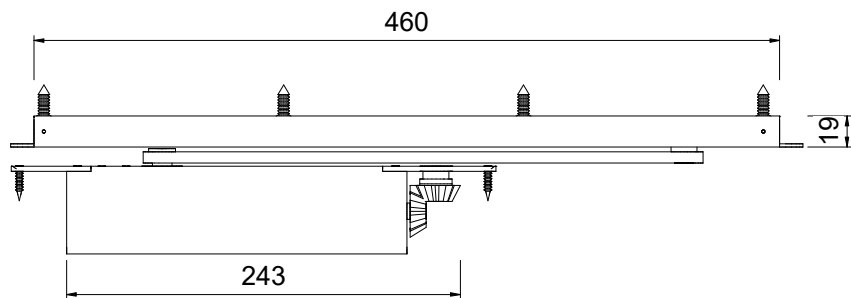
① Back View
1 : 3



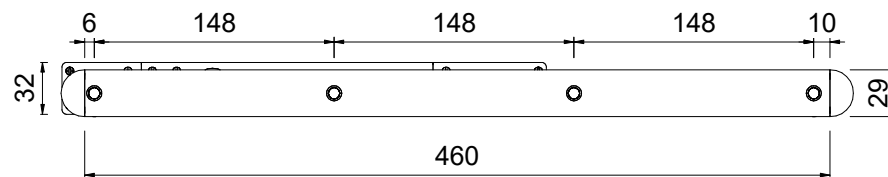
② Side View
1 : 3



⑤ 3D View



③ Front View
1 : 3



④ Top View
1 : 3

			Title: Concealed Closer Single Action ITS-11204		
			Contract:		
			Drawing: RUT-CCSA-001	Scale: 1:3	Revision:
Rev By	Date	Rev No.	Created By: IN	Requested By: CI	Date: 07/01/21



RUTLAND
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Tel: 01246 261491 Email: sales@rutlanduk.co.uk

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Concealed Closer - ITS.11204 Fitting Instruction

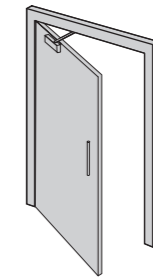
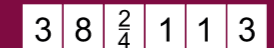
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Operations and Maintenance Manual

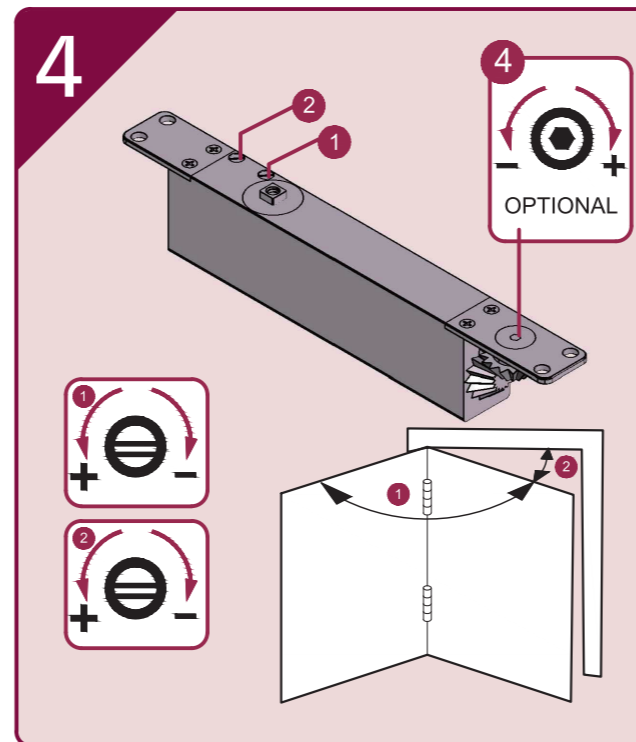
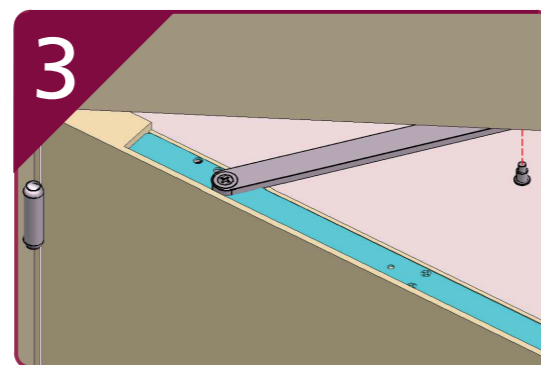
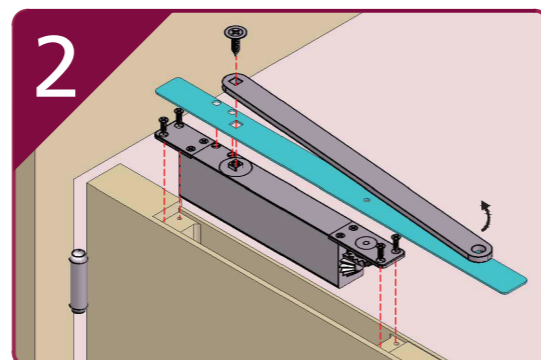
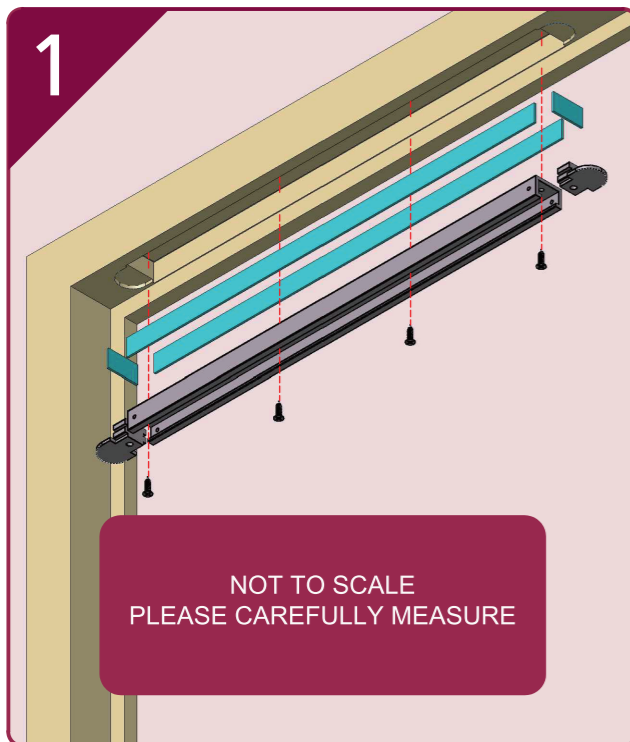
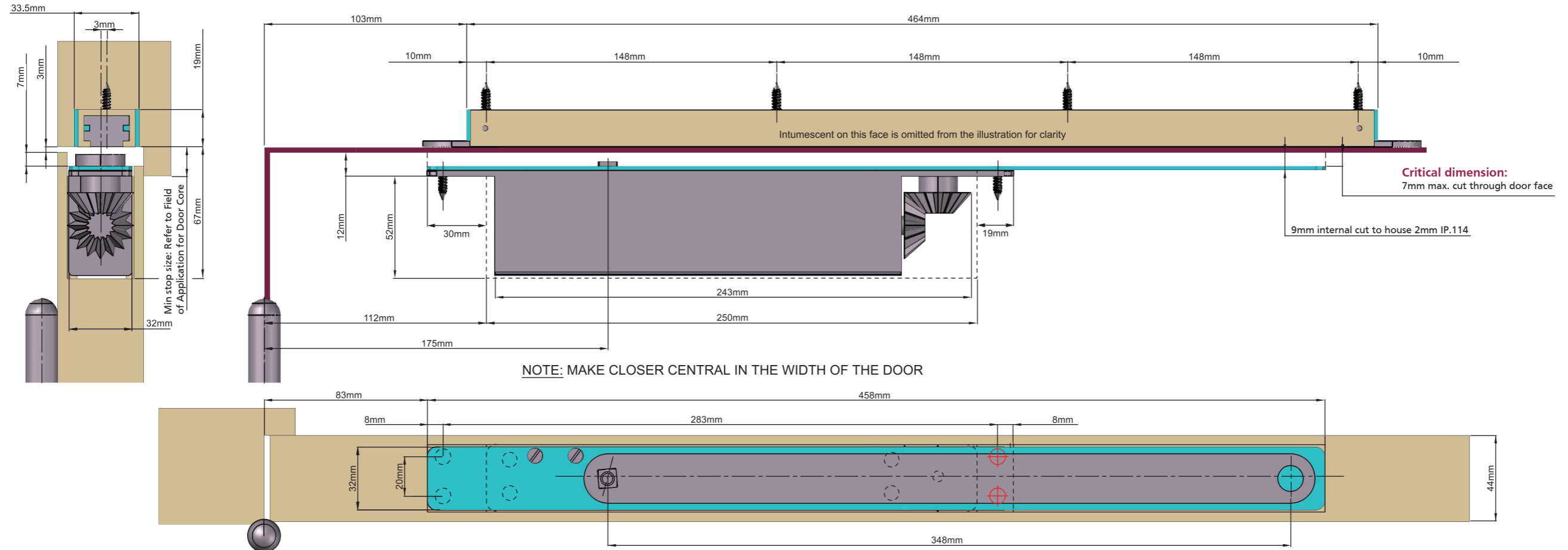


BS EN 1154



Fire Doors

Use in conjunction with the IP.114 Intumescent kit + Fitting Instruction



Size 2-4 Power Adjustment

No. of turns	Size	Max. door width	Max. opening angle	Max weight
-4	2"	850mm	110°	45
*0	3	950mm	110°	60
+6	4	1100mm	110°	130

*FACTORY PRE-SET
■ - 18Nm MINIMUM CLOSING FORCE PERMITTED ON FIRE DOORS

IMPORTANT NOTES:
THE PINION BOLT MUST BE TIGHTENED TO 12Nm.

DOOR CLOSERS ARE NOT INTENDED TO OVERCOME EXCESSIVE AIR PRESSURES OR POORLY DESIGNED SMOKE SEALING

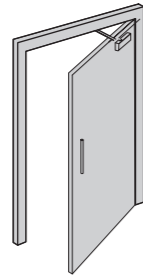
A MECHANICAL DOOR CLOSER IS NOT DESIGNED TO OVERCOME POOR FITTING, EXCESSIVE AIR PRESSURES OR BINDING SMOKE AND WEATHER SEALS. EXCESSIVE AIR PRESSURES CAN BE CREATED BY THROUGH DRAFT, BY AIR CONDITIONING, BY SMALL ROOMS WITHOUT VENTILATION, OR WHERE NO AIR TRANSFERS GRILLS ARE FITTED. MECHANICAL DOOR CLOSERS ARE DESIGNED TO CLOSE THE STATED AND TESTED SPECIFICATION OF DOOR WEIGHT AND DOORSETS/DOOR ASSEMBLIES WHEN DOORS ARE FITTED WITH CORRECT GAPS AND NOT BINDING ON SEALS. IF YOU ENCOUNTER PROBLEMS WITH DOORS NOT CLOSING PLEASE WATCH OUR "6 WAYS TO TROUBLESHOOT A DOOR CLOSER" VIDEO ONLINE. WHERE DOORS ARE NOT CLOSING DUE TO AIR PRESSURES THEN PROFESSIONAL ADVICE FROM AN AUTHORISED INSTALLER IS RECOMMENDED TO FIT TESTED AND THIRD PARTY CERTIFIED AIR TRANSFER GRILLS AND/OR AUTOMATIC DOOR OPERATORS.
NOTE: BC VALVES ARE DESIGNED TO ASSIST BACK-CHECK AND DO NOT REPLACE THE REQUIREMENT FOR CORRECTLY FITTED DOORSTOPS OR SAFETY BARRIERS.

FURTHER WARRANTY INFORMATION: <https://www.rutlanduk.co.uk/rutland-warranty>

THE PINION BOLT MUST BE TIGHTENED TO 12NM
FIRE DOORS MUST BE FITTED WITH INTUMESCENT GASKETS

Fire Doors

Use in conjunction with the IP.114 Intumescent kit + Fitting Instruction

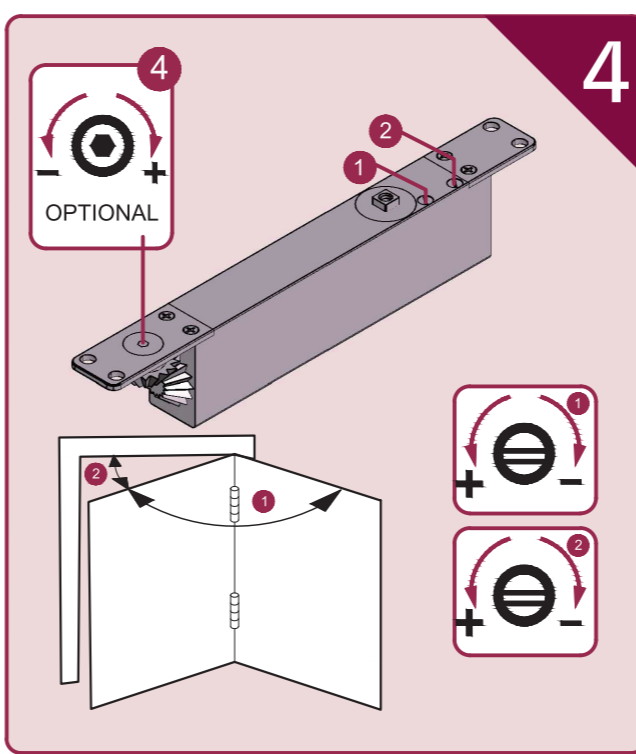
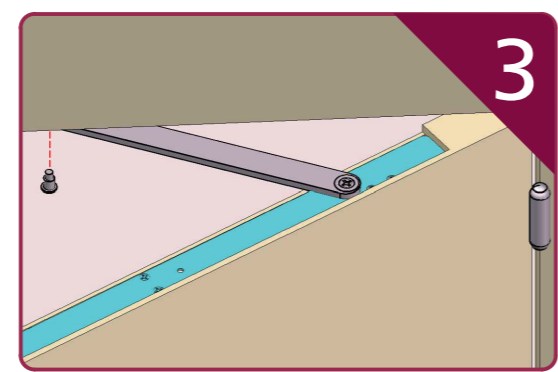
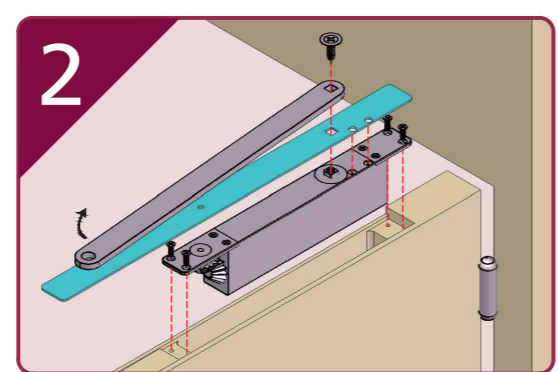
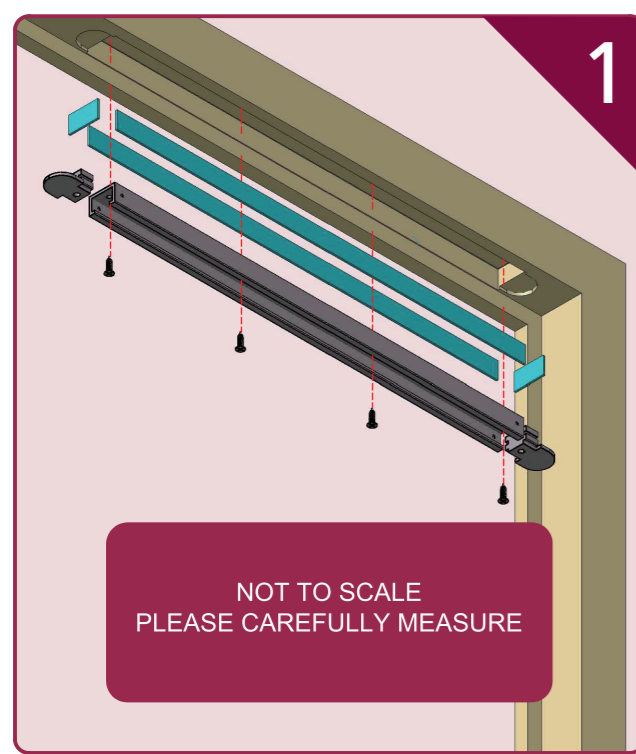
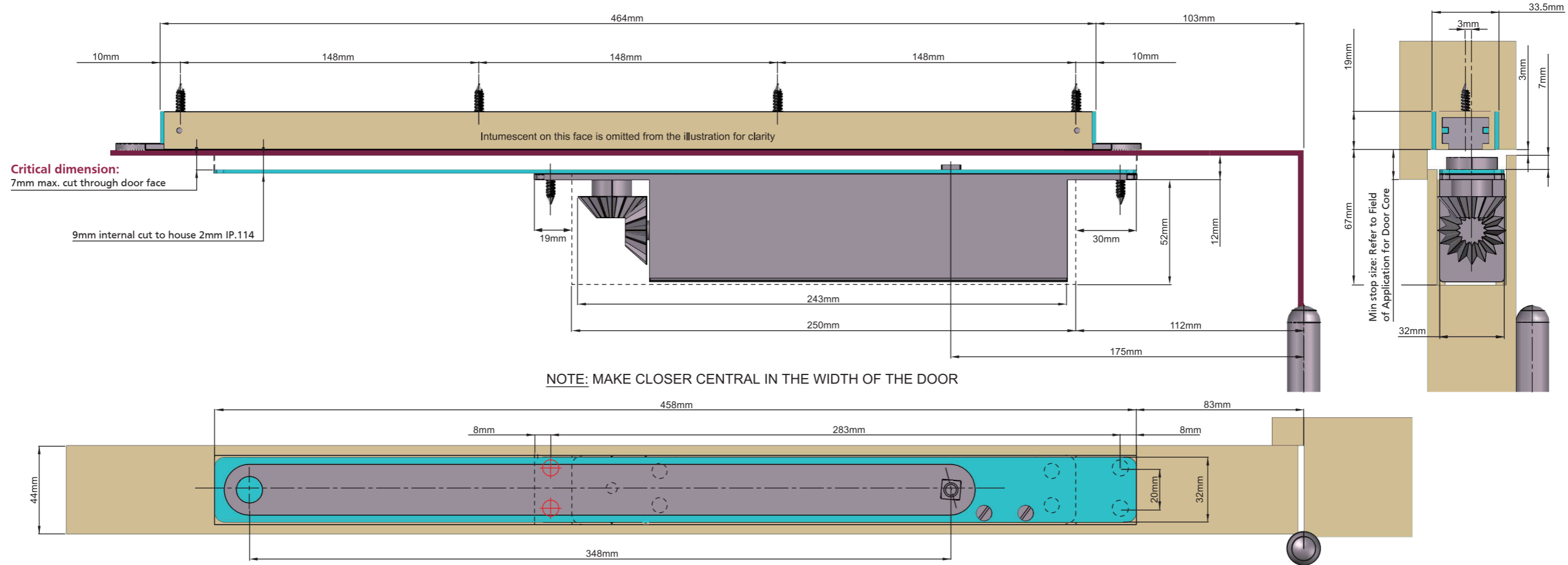
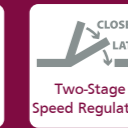
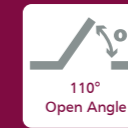


Concealed Closer - ITS.11204 Fitting Instruction

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Operations and Maintenance Manual



Size 2-4 Power Adjustment

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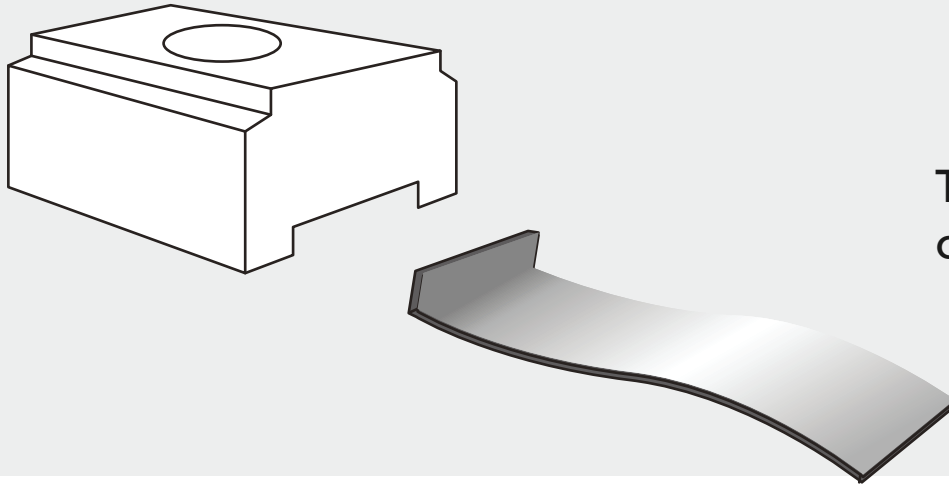
THE PINION BOLT MUST BE TIGHTENED TO 12NM
FIRE DOORS MUST BE FITTED WITH INTUMESCENT GASKETS

Hold Open Device

FOR NON-FIRE DOOR APPLICATION

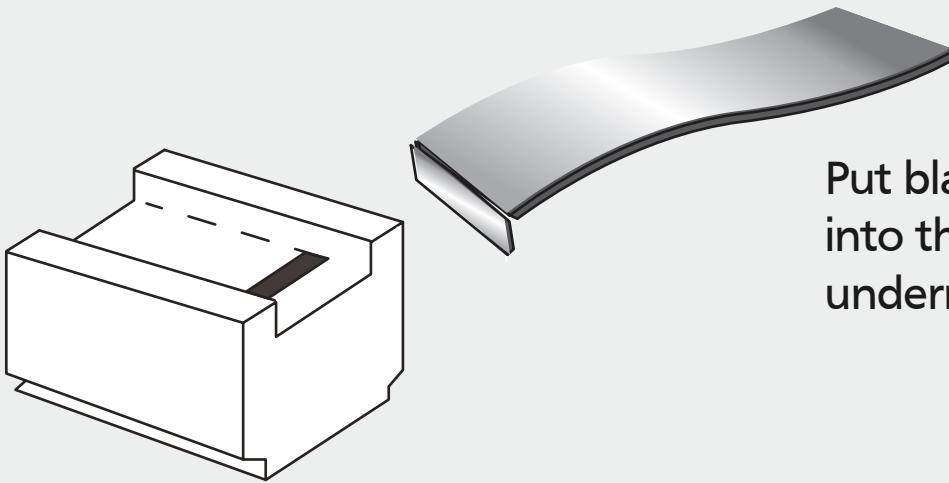


1



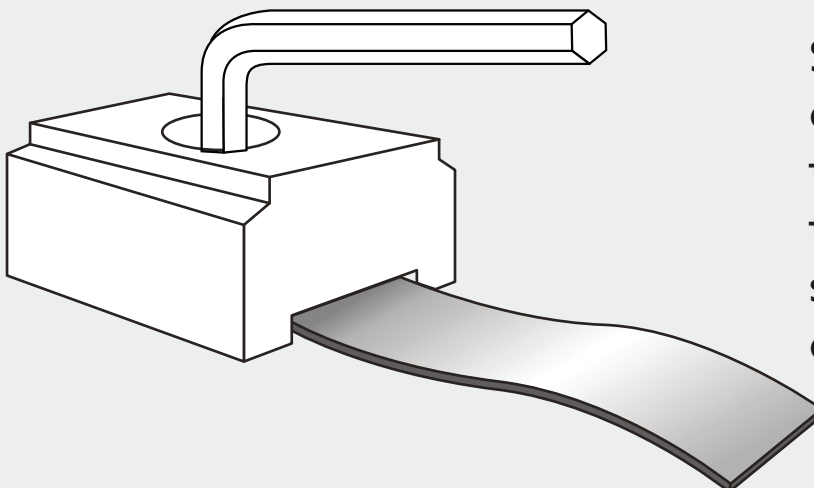
Take slide block out of rail

2



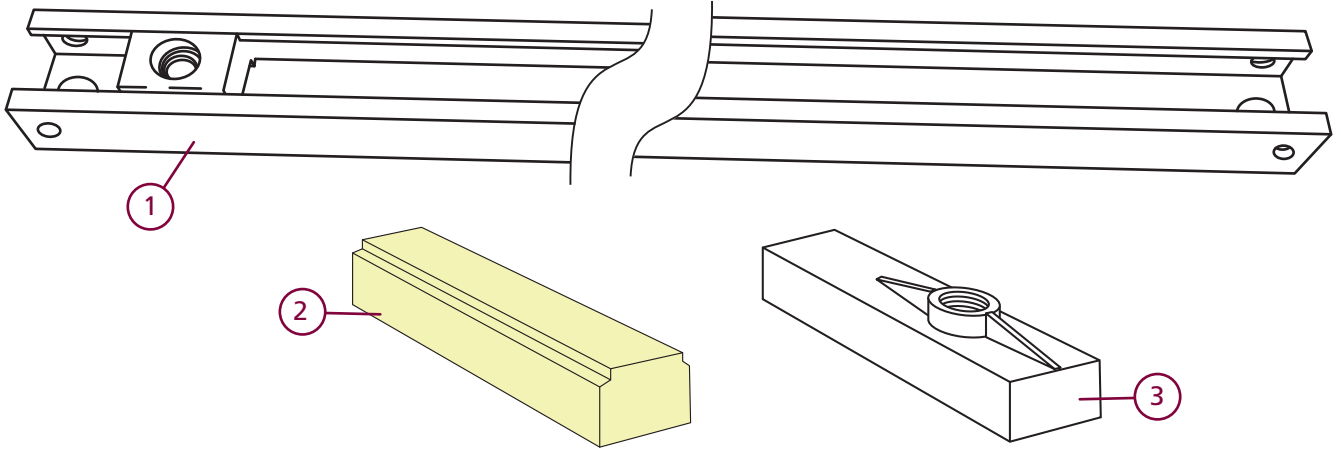
Put black spring clip into the slot underneath the block.

3



Slide block with hold open clip back into the slide rail, then tighten Allen key screw at desired angle of hold-open

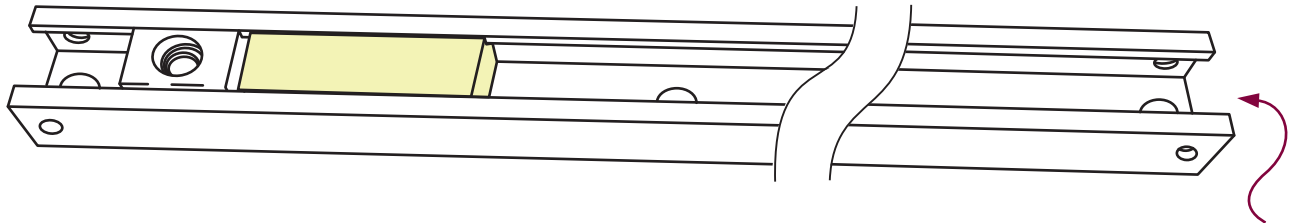
Cushion Stop Installation



KEY: ① Slide Rail ② Cushion Stop ③ Shuttle

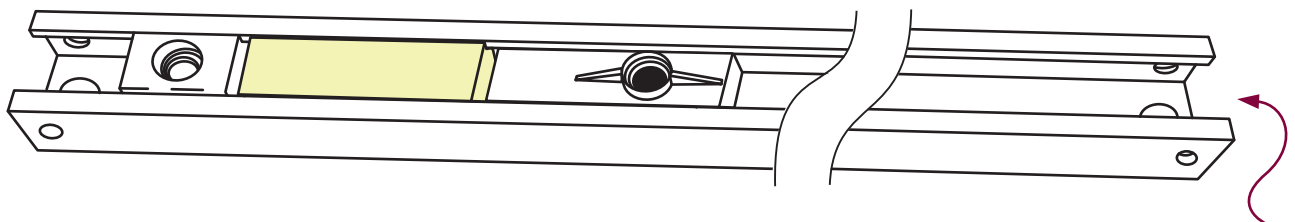
Step 1

Slide the cushion (2) into the rail (1) up against the stop.

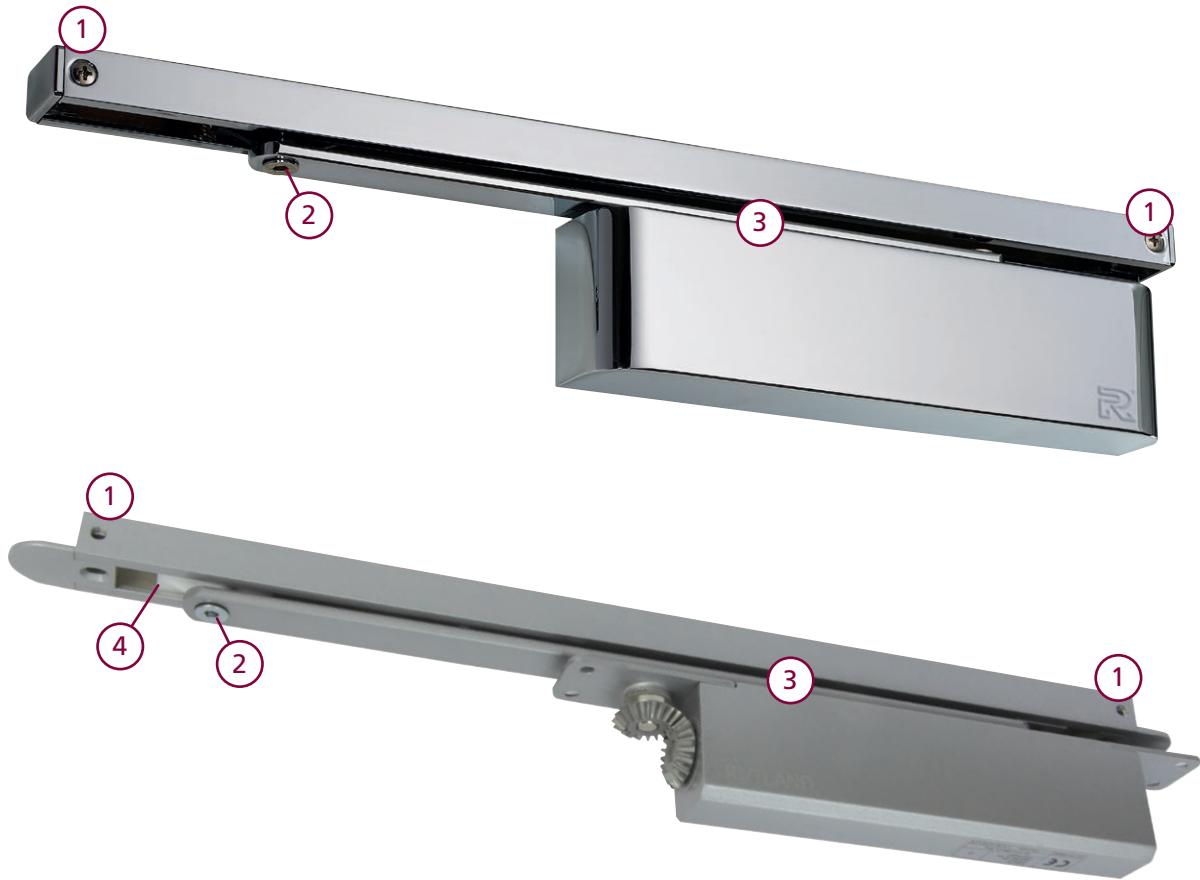


Step 2

Insert the white shuttle (3) and continue fixing the closer and connecting the rail (1).



Maintenance



Step 1

Check that screws are tight (No.1 & No.2), and tighten if needed, at least every 6 months.

Step 2

Tighten pinion screw (No. 3) to 12nm, at least every 6 months

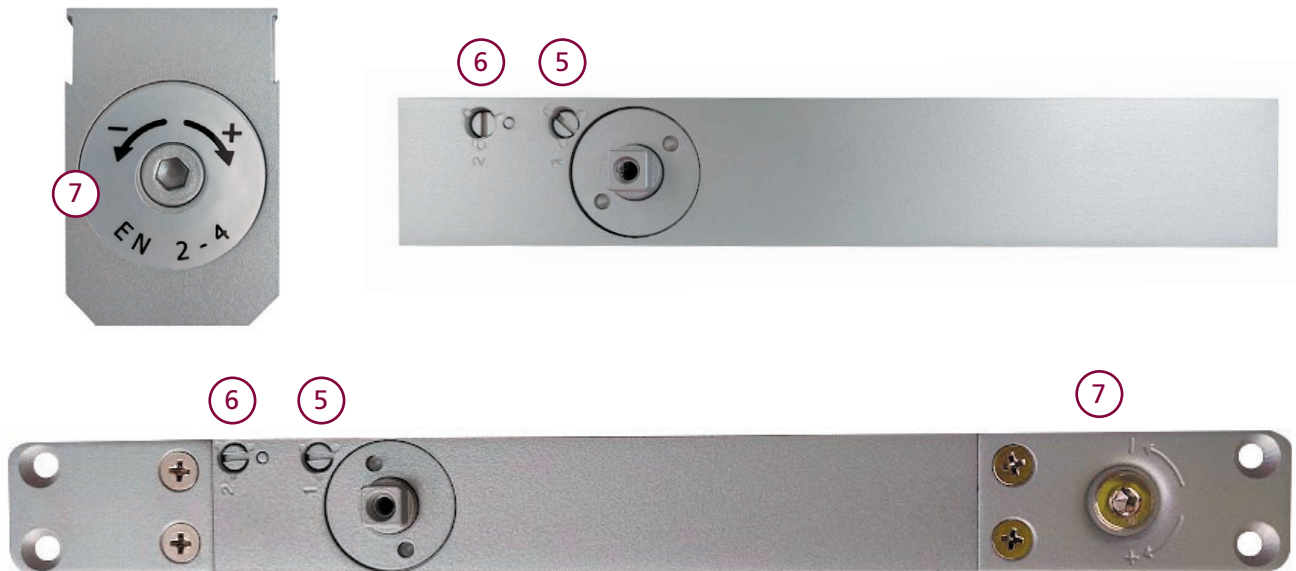
Step 3

Lubricate all moving parts, except the sliding shuttle (No.4) , at least every 6 months.

*For high usage closers, this steps will need to be carried out more often than every 6 months.

Any unusual sounds or visual defects should be addressed immediately

Valve Adjustments



Before adjusting any valves ensure the door and frame are fixed firmly and the door will close easily into the frame and latch.

- To increase the speed of a door turn the valve 1 (No.5) Anti-clockwise. If door closing too fast turn the valve 1 Clockwise to reduce the speed to a satisfactory movement.
- When the door is latching too fast adjust the valve 2 (No. 6) to the desired satisfactory action. Turn Clockwise to reduce the speed.
- If the latch is getting stuck, turn Valve 2 anti-clockwise to increase the speed but not too fast so that it slams.
- If more power is needed to overcome the latch or Intumescent seal you can increase the power by turning the power adjustment function (No. 7) with an allen key.
- If the door is too easy to open or affected by wind or air pressure, turn Clockwise to increase the power.
- If the door is stiff to open you can turn Anti-clockwise to decrease the power.

Back Check + Delayed Action on Slide Arm closers

- If the door hits a wall when fully opened you can adjust the Back Check valve. Turn valve Clockwise with a screw driver to increase the Back Check facility. This will slow the door down on opening at speed. Back Check valve if applicable to this model.
- If a delay or extra time is required on the closing of the door, the Delayed Action valve can be used. Turn the valve clockwise if more time is required or turn the valve anti-clockwise if less time is required. Delayed Action valve if applicable to this model.

Enhancing life safety at every fire door

Through our expert advice and support, we provide the peace of mind that full compliance is achieved and that life safety is assured.



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