

PRODUCT FILE

TS.4204

Pack includes:

- Specification/Data sheet
- Product codes
- Fire certification – Certifire Certificate
- EU CE cert
- EU CE Declaration of Performance (DoP)
- UKCA cert
- UKCA Declaration of Performance (DoP)
- Secured by Design cert
- Fitting instructions
- O&M Manual

SCISSOR ARM DOOR CLOSERS

TS.4204



SCISSOR ARM DOOR CLOSERS

TS.4204

Certifire approved EN2-4 Rack and Pinion contract door close, adjustable by spring, and delayed action and back check as standard.

- Easy to read instructions, saving over 12 minutes of fitting time
- Corrosion Grade 3 – Recommended for internal use



FD30 to FD120
Timber Doors



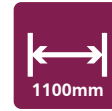
Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width
1100mm



Max Door
Weight
80Kg



Product Features	TS.4204
Delayed Action*	o
Back Check	✓
Opening Angle	180°
Fig.1 Pull Side Door Width	340-1100mm
Fig.66 Push Side Door Width	485-1100mm
Max Door Weight	<80kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W250 x H65 x D53mm
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	
*Not covered by Certifire	

Finishes

See page 96 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



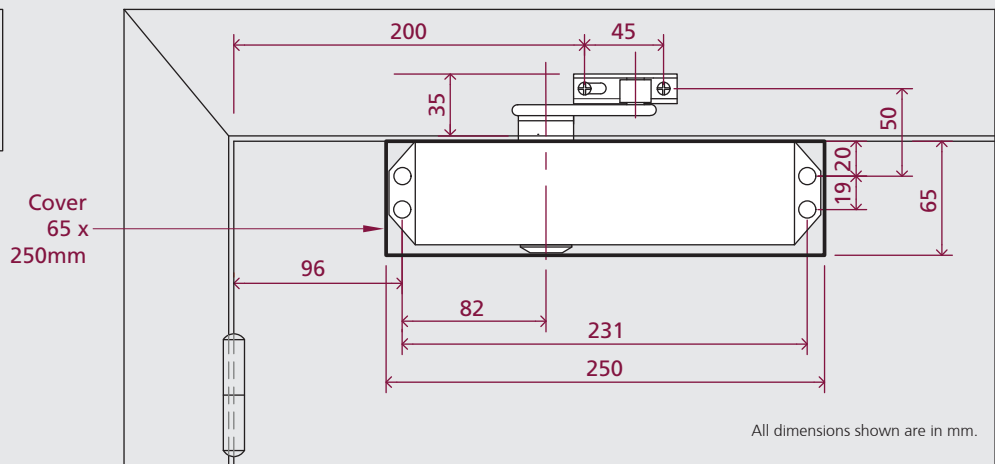
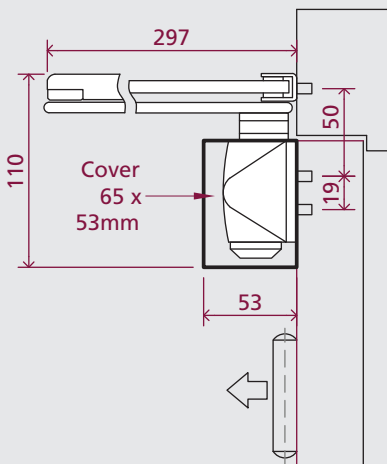
1720



1812






Approved Product
CF 10138



All dimensions shown are in mm.

For fitting instructions see website

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
TS.4204					
 <p>TS.4204 Combined unit closer, flat bar armset, cover, PA bracket with DELAYED ACTION & BACK CHECK</p>	2-4	Silver 	12495	TS.4204DABC.SRFB.SESE	8
	2-4	Satin Nickel 	12496	TS.4204DABC.SRFB.SNPSNP	8





CERTIFICATE OF APPROVAL
No CF 10138

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

RUTLAND TRADING CO LTD

WHITTINGTON WAY, CHESTERFIELD, S41 9AG, UNITED KINGDOM
TEL: 01246 261 491

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
TS.4204

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: 22nd March 2024
Valid to: 15th November 2028



CERTIFICATE No CF 10138 RUTLAND TRADING CO LTD

1. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
2. This approval relates to the following overhead mounted rack and pinion door closing devices and configurations:

TABLE 1							
Product Ref	Link-arms			Slide arms			
	Projecting arm (Fig. 1) <i>Body door mounted on pull face</i>	Projecting arm (Fig. 61) <i>Body transom mounted on push face</i>	Parallel arm (Fig. 6) <i>Body door mounted on push face</i>	Body door mounted on pull face	Body transom mounted on push face	Body door mounted on push face	Body transom mounted on pull face
TS.4204	✓	✓	✓	✗	✗	✗	✗

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.

3. This approval relates to their use with the following door assemblies: -
Code ITT - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.
4. The closers are approved on the basis of:
 - i) Initial type testing to BS EN 1154 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. This approval is applicable only to the specified closers when mounted in the applications stated later under the classification codes section of this certificate and used with door assemblies of proven fire resistance (as defined in BS EN 1634-1:2014+A1:2018 or BS 476-22: 1987.) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).

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RUTLAND TRADING CO LTD

6. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
7. Where the closers are fitted to door leaves or frames that are manufactured from 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.
8. Timber based doorset shall be installed in accordance with BS 8214.
9. 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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7. The following table show acceptable doorset types and fire resistance periods:

TABLE 2				
	Approved Door Type			
Class	IMM	MM	ITT	ITM
FD20	x	x	✓	x
FD30	x	x	✓	x
FD60	x	x	✓	x
FD90	x	x	✓	x
FD120	x	x	✓	x
FD240	x	x	x	x
E 20	x	x	✓	x
EI 20	x	x	✓	x
E 30	x	x	✓	x
EI 30	x	x	✓	x
E 60	x	x	✓	x
EI 60	x	x	✓	x
E 90	x	x	✓	x
EI 90	x	x	✓	x
E 120	x	x	✓	x
EI 120	x	x	✓	x
E 240	x	x	x	x
EI 240	x	x	x	x

Key:

✓ - approved

x - Not approved

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8. Doors are classified as the following types:

Code ITT - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.

Code ITM - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.

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.

Classification codes:

TS.4204 - Projecting arm (Fig. 1) to EN1154:

4	8	4 2	1	1	3
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TS.4204 – Transom mounted (Fig. 61) to EN1154:

3	8	4 2	1	1	3
---	---	--------	---	---	---

TS.4204 - Parallel arm (Fig. 6) to EN1154:

3	8	3 2	1	1	3
---	---	--------	---	---	---

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

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RUTLAND TRADING CO LTD

Scope of Approval:

- Doors may not include uninsulated glass above 20% of their total area. Uninsulated glass shall not be included directly beneath the door closer body.
- The closers may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- Mechanical Hold open option is not approved.
- The following functions are supported by this certification:

TABLE 3				
Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
TS.4204	Projecting Arm (Fig. 1)	Yes	Yes	No
TS.4204	Transom Mount (Fig. 61)	No	Yes	No
TS.4204	Parallel Arm (Figure 6)	Yes	Yes	No

Further Information

Further information regarding the details contained in this certificate may be obtained from Rutland Trading Co Ltd (Tel: 01246 261 491).

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

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Test Verification of Conformity

Verification Number: 180704129GZU-003 VOC

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	RUTLAND UK Whittington Way, Chesterfield, S41 9AG, UK
Product Description:	Door Closer
Ratings & Principle Characteristics:	Grade 1 (PT 1)
Models/Type References:	TS4204 DABC
Brand Name<s>:	RUTLAND 
Specification<s>/Standard<s> >:	ANSI/BHMA A156.4 - 2013 American National Standard for Door Controls- Closers
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Test Report Number<s>:	180704129GZU-003



Signature

Name: Jeff Deng
Position: Manager
Date: 17 July 2018

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

CERTIFICAT DE CONSTANCE DES PERFORMANCES
CERTIFICATE OF CONSTANCY OF PERFORMANCE

N° 1812-CPR-1889

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 TS.4204 DABC

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 EFFECTIS 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 EFFECTIS 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 1^{er} avril 2021, 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 April 1st, 2021 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 N° 1812-CPR-1889
A LA NORME EN 1154 : 1996 +A1 : 2002
ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE
TO THE STANDARD EN 1154 : 1996 +A1 : 2002

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 TS.4204 DABC
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 de porte contrôlé à action unique à force ajustable
Adjustable strength single action controlled door closing device

Installation du produit / <i>Product installation</i>	Classification EN 1154 / <i>Classification EN 1154</i>					
Montage en surface au-dessus de la porte / <i>Overhead surface mounted</i>	3	8	3 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-TS.4204-1-CE



(TS.4204 Fig 1)

- Unique identification code of the product / type:-
TS.4204 DA BC 2-4 variable power Surface Fixed Door Closer with Fig 1 Standard Fixing Position, with optional back check, delayed action and adjustable latch action, 180 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
12495, 12496
- 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-2158
- Declared Performance:-

Conditioning: Standard Position (Fig 1) power size 2-4, with optional back check, delayed action and adjustable latch action, 180 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 4 for closing doors from 180 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

DECLARATION OF PERFORMANCE



DoP-TS.4204-66-CE



(TS.4204 Fig 66)

- Unique identification code of the product / type:-
TS.4204 DA BC 2-4 variable power Surface Fixed Door Closer with Fig 66 Parallel Arm Fixing Position, with adjustable latch action, 120 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
12495, 12496
- 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-2158
- Declared Performance:-

Conditioning: Parallel Fixed Arm Position (Fig 66) power size 2-4, with adjustable latch action, 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-0180

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 TS.4204 DABC Overhead Door Closer –

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

Particular conditions applicable: **Adjustable Power Size 2-4 in Standard or Transom fixing position with adjustable latch action, Delayed Action and Back Check. Adjustable Power Size 2-4 in Parallel arm fixing application with adjustable latch, Delayed Action and Back Action.**

product classification

4	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 Codes: B-O, B-Q

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
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DECLARATION OF PERFORMANCE



DoP-TS.4204-66-UKCA



(TS.4204 Fig 66)

- Unique identification code of the product / type:-
TS.4204 DA BC 2-4 variable power Surface Fixed Door Closer with Fig 66 Parallel Arm Fixing Position, with adjustable latch action, 120 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
12495, 12496
- 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-0180
- Declared Performance:-

Conditioning: Parallel Fixed Arm Position (Fig 66) power size 2-4, with adjustable latch action, 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>		BS 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 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

DECLARATION OF PERFORMANCE



DoP-TS.4204-1-UKCA



(TS.4204 Fig 1)

- Unique identification code of the product / type:-
TS.4204 DA BC 2-4 variable power Surface Fixed Door Closer with Fig 1 Standard Fixing Position, with optional back check, delayed action and adjustable latch action, 180 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
12495, 12496
- 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-0180
- Declared Performance:-

Conditioning: Standard Position (Fig 1) power size 2-4, with optional back check, delayed action and adjustable latch action, 180 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 4 for closing doors from 180 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>		BS 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

SECURED BY DESIGN LICENCE HOLDER

THIS IS TO CERTIFY THAT

Rutland Trading Co Limited

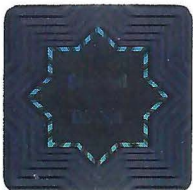
OF

Whittington Way, Chesterfield, Derbyshire, S41 9AG, United Kingdom

HOLDS A SECURED BY DESIGN LICENCE
VALID IN CONJUNCTION WITH THE CURRENT SCHEDULE UNTIL

14th February 2025

PLEASE REFER TO [HTTPS://WWW.SECUREDBYDESIGN.COM/MEMBER-COMPANIES/SBD-MEMBERS](https://www.securedbydesign.com/member-companies/sbd-members)
FOR THE CURRENT SCHEDULE INFORMATION



G. Ferguson

GUY FERGUSON
CEO, POLICE CRIME PREVENTION INITIATIVES LIMITED

DATE

15th February 2024

Secured by Design



Official Police Security Initiative



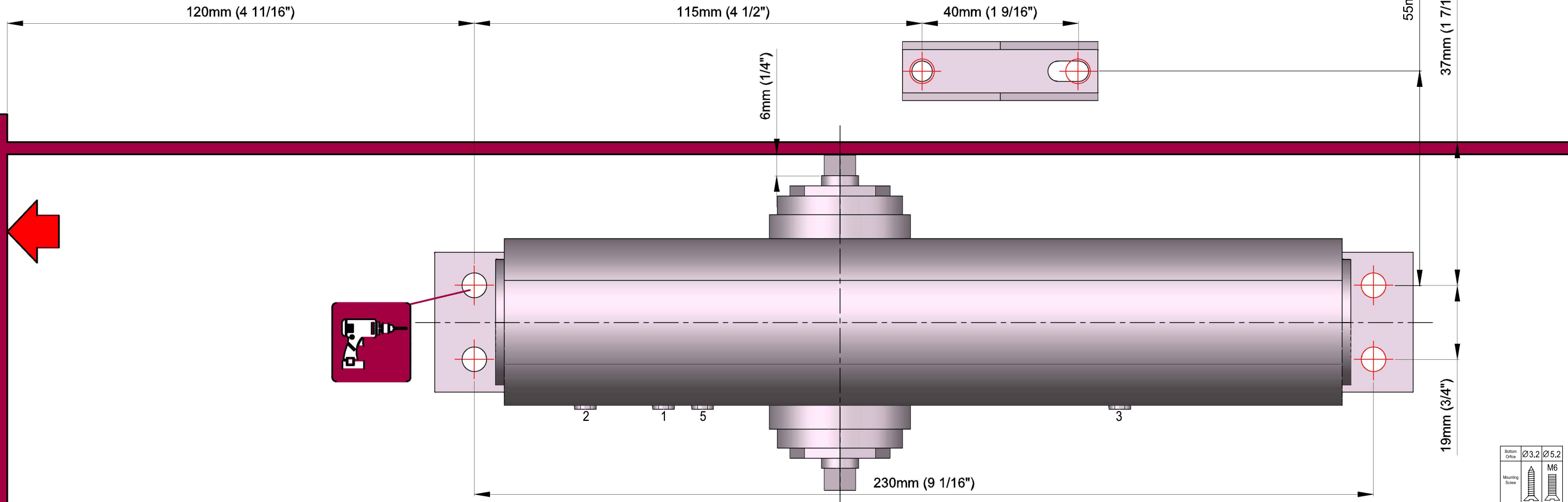
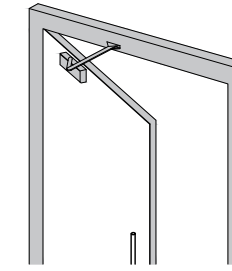
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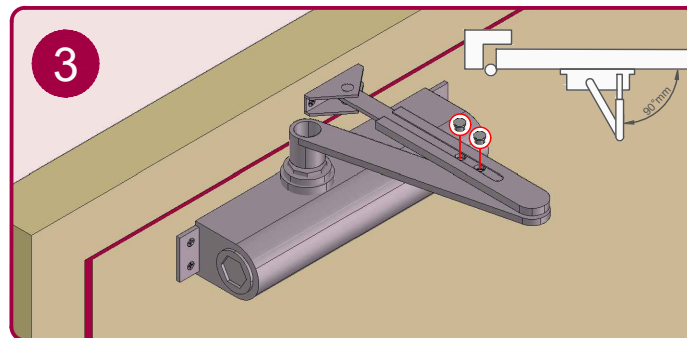
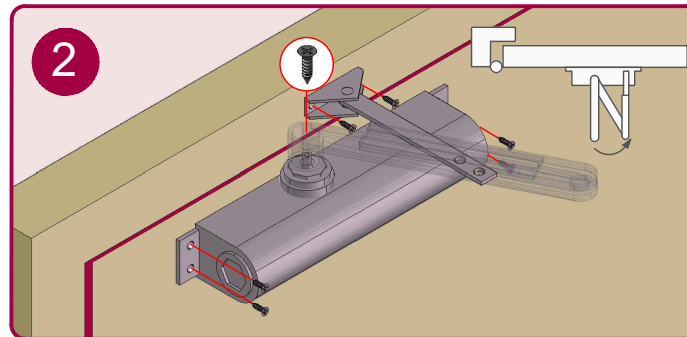
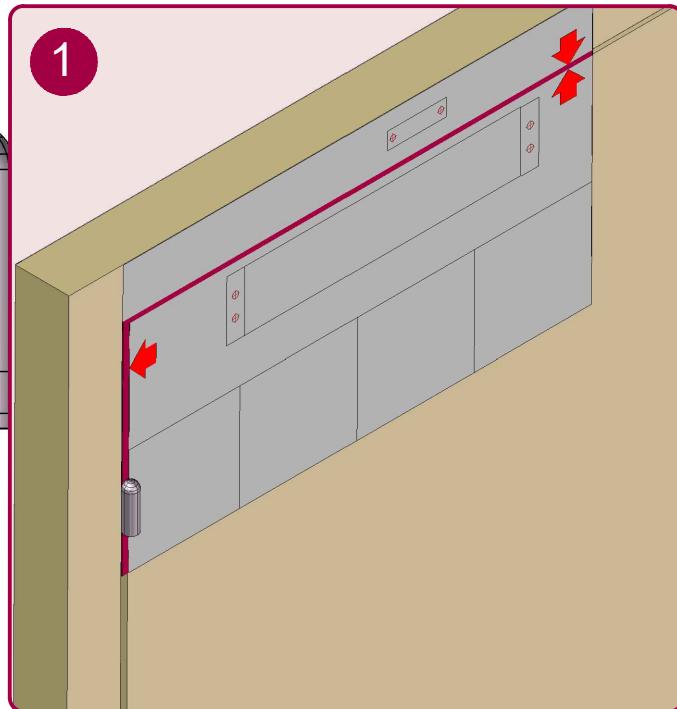
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Bottom Orifice	Ø3.2	Ø5.2
Mounting Screw		M6



EN 2-4 Power Adjustment

No. of turns	EN Size	Max. door width	Max. opening angle	Max weight
-6	2*	850mm	180°	45
*0	3	950mm	180°	60
+6	4	1030mm	180°	80

* FACTORY PRE-SET

THE PINION BOLT MUST BE TIGHTENED TO 12NM.

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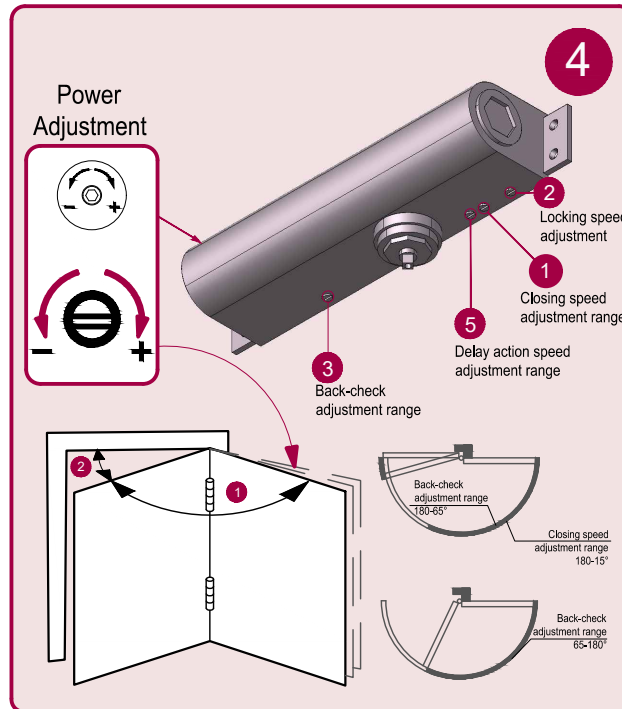
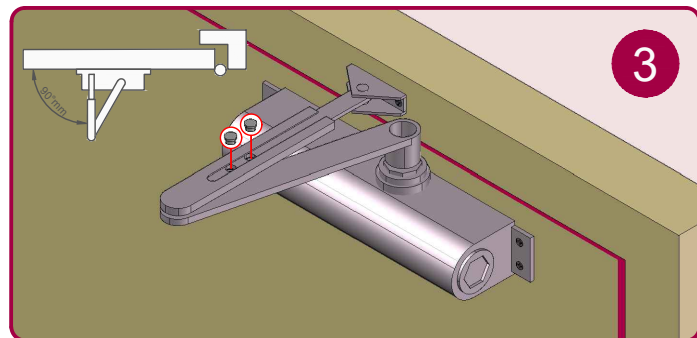
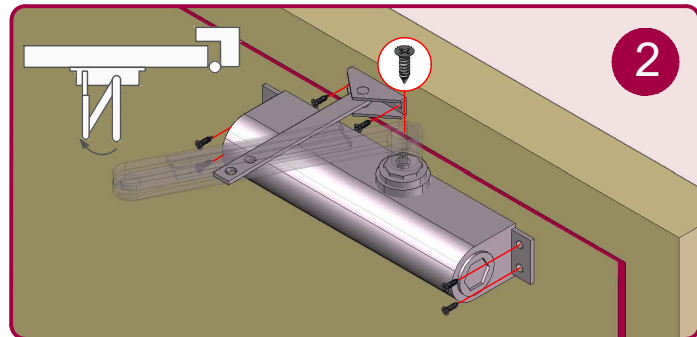
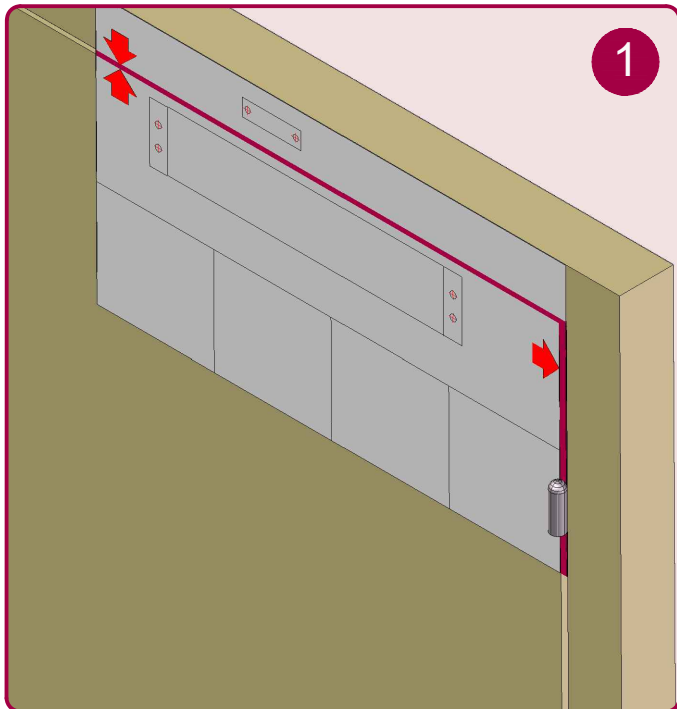
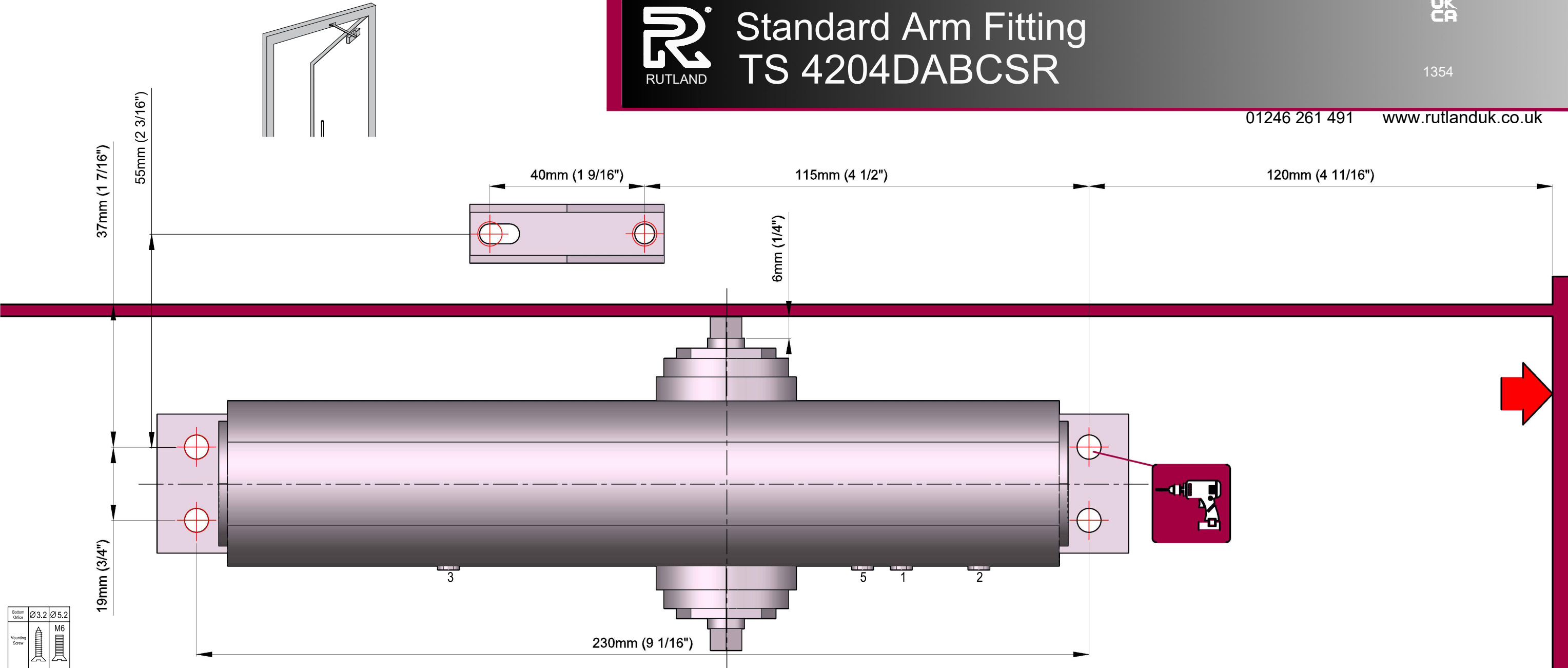


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EN 2-4 Power Adjustment

No. of turns	EN Size	Max. door width	Max. opening angle	Max weight (KG)
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*0	3	950mm	180°	60
+6	4	1030mm	180°	80

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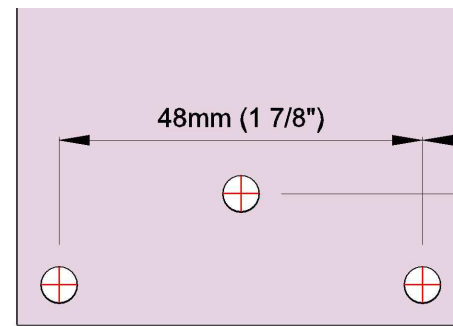
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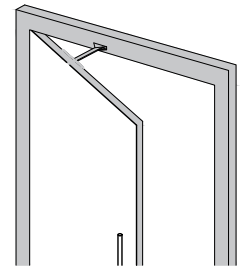
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166mm (6 9/16")

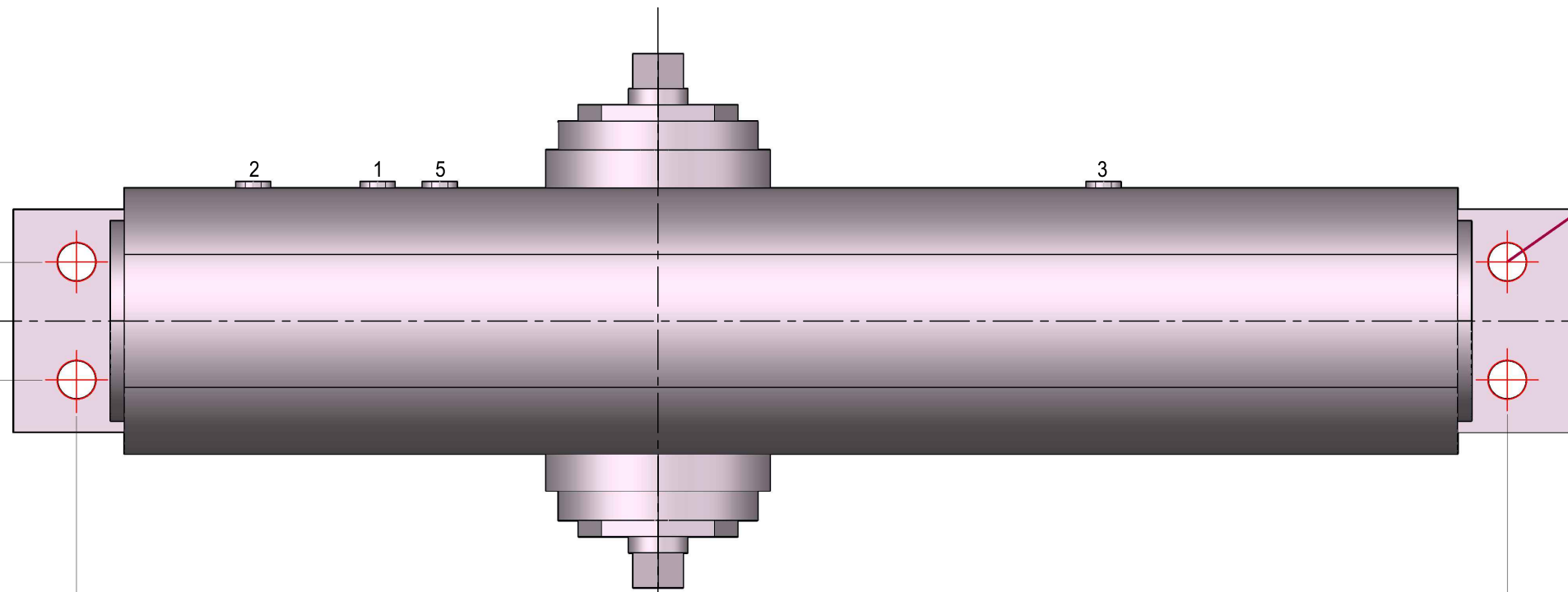
FOLD 2

FOLD 1



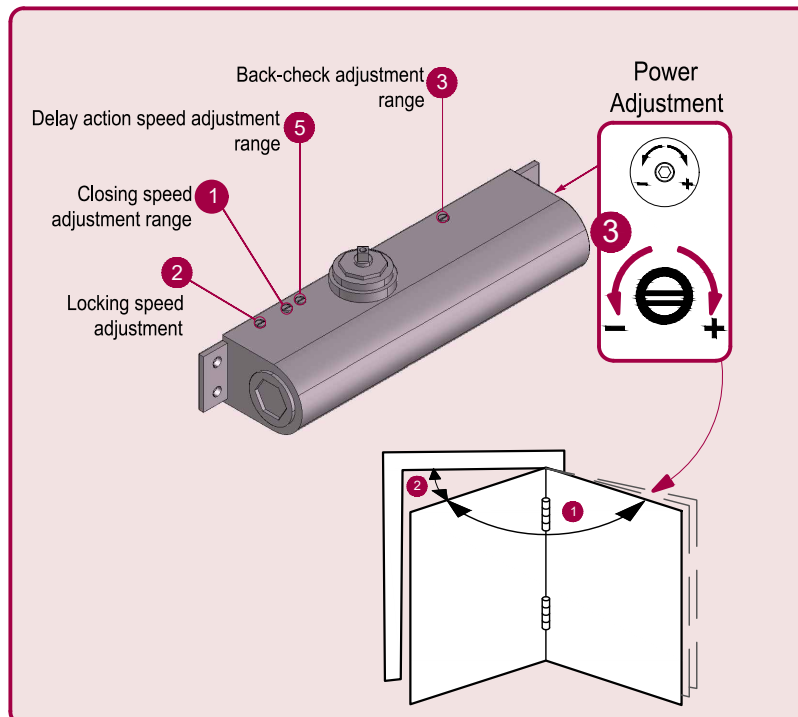
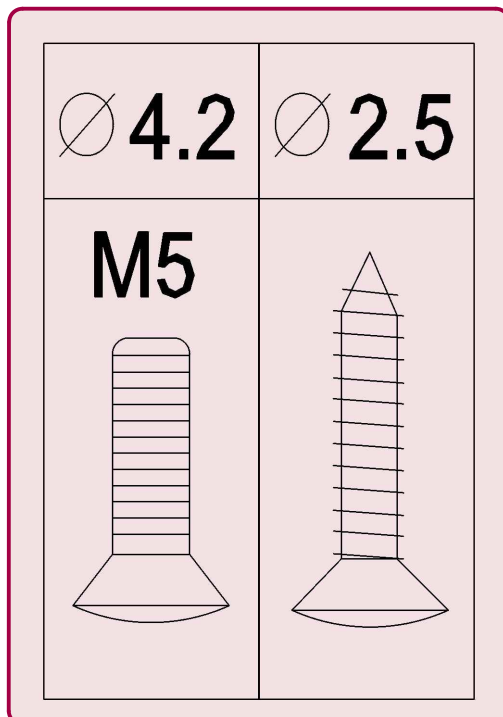
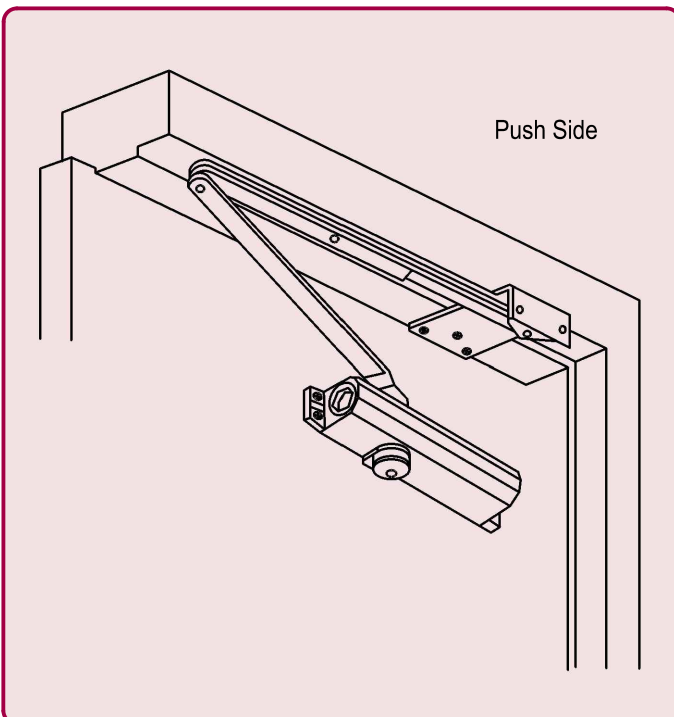
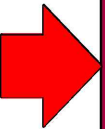
75mm (2 15/16")

19mm (3/4")



230mm (9 1/16")

100mm (3 15/16")



EN 2-4 Power Adjustment

4	+	+	+	+
No. of turns	EN Size	Max. door width	Max. opening angle	Max weight KG
-6	2"	850mm	180°	45
*0	3	950mm	180°	60
+6	4	1030mm	180°	80

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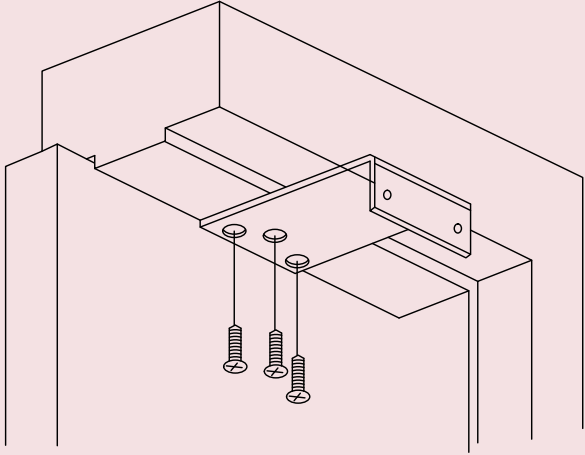
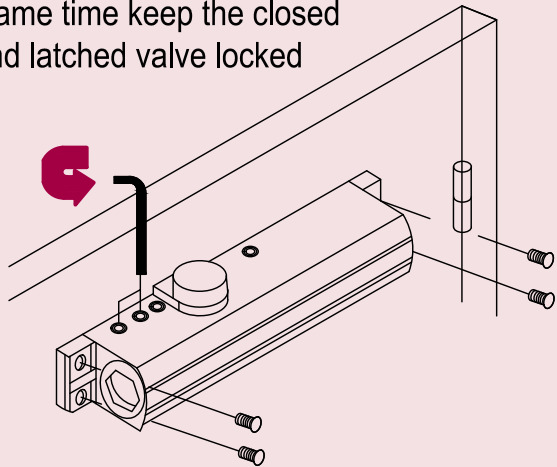
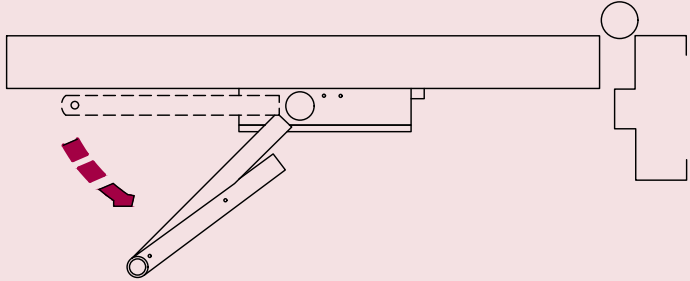
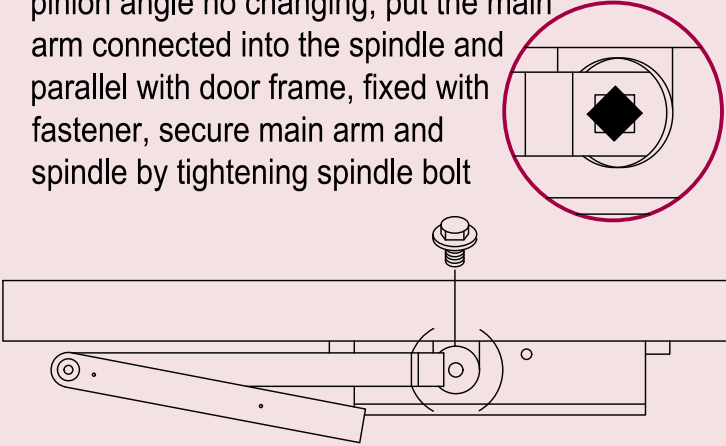
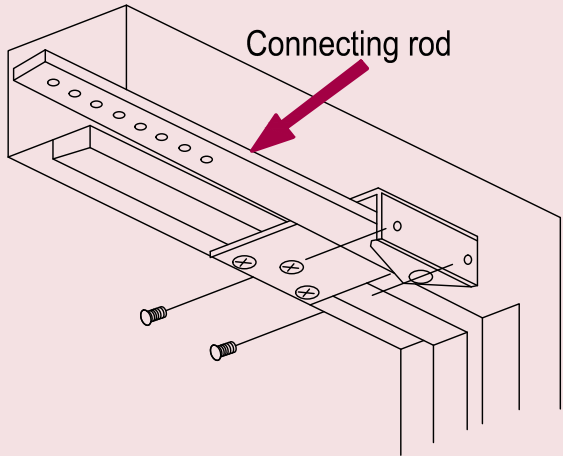
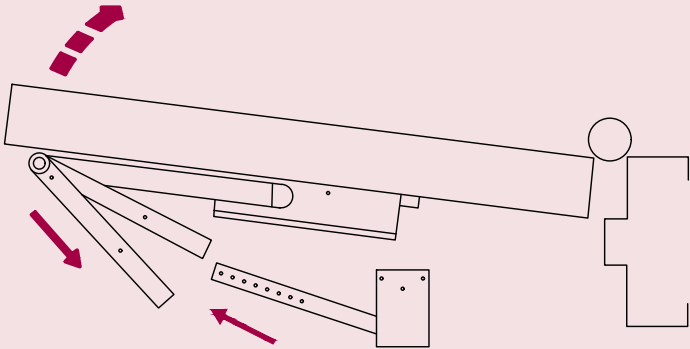
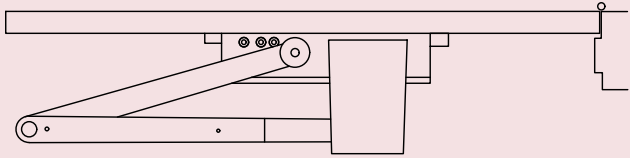
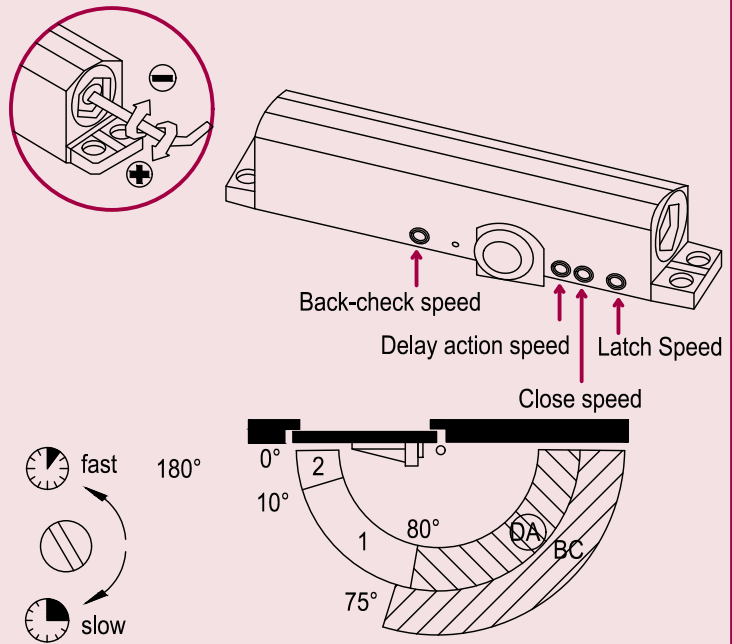
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Installation Steps:

<p>1. Install parallel plate</p> <p>According to the installation dimensions by screws parallel plate fixed on a door frame</p> 	<p>2. Install door closer</p> <p>According to the size of installation by screws fixed to the door closers At the same time keep the closed valve and latched valve locked</p> 	<p>3. Preloading 45°</p> <p>The main arm is mounted on a shaft head frame in parallel and then along the clockwise 45 degrees</p> 	<p>4. Complete preloading</p> <p>Take out the main arm quickly, keep preloading pinion angle no changing, put the main arm connected into the spindle and parallel with door frame, fixed with fastener, secure main arm and spindle by tightening spindle bolt</p> 
<p>5. The installation of connecting rod</p> <p>The mounting bracket on the connecting rod is fixed on the parallel plate, with a screw fixation.</p> 	<p>6. Connect the connecting rod and the cover</p> <p>First open the door to a certain angle and according to the diagram, connect the connecting rod and the cover using screw fixation</p> 	<p>7. Diagrammatic sketch after installation</p> 	<p>8. Function adjustment</p>  <p>Back-check speed Delay action speed Latch Speed Close speed</p> <p>fast 180° slow</p> <p>0° 10° 75° 80° 180°</p> <p>1 2 DA BC</p>

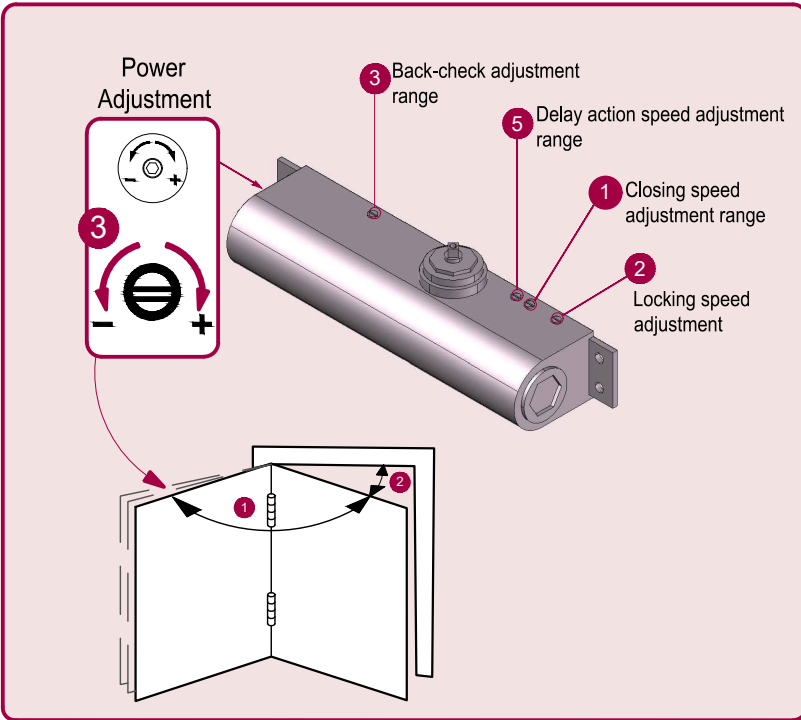
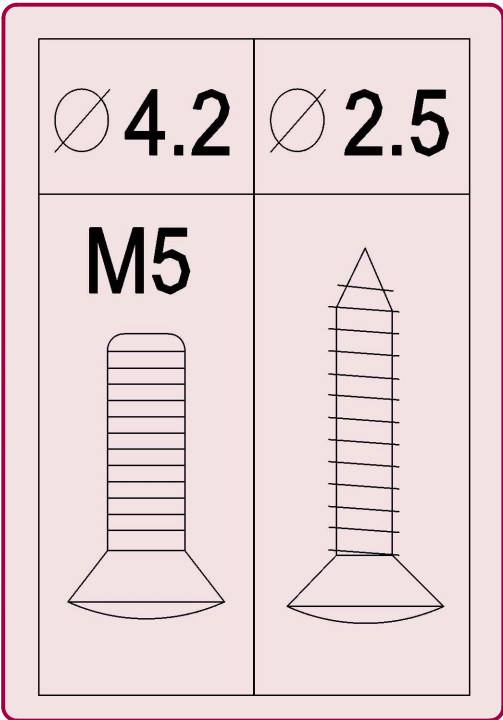
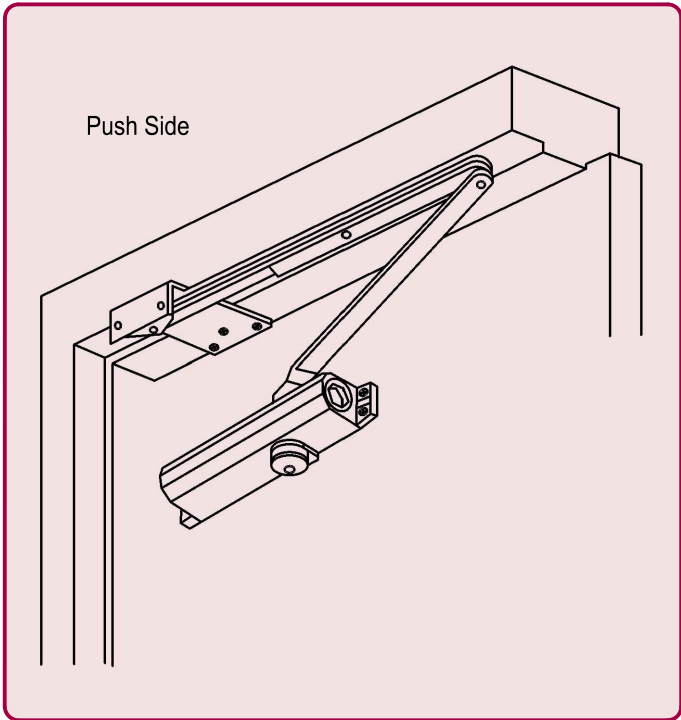
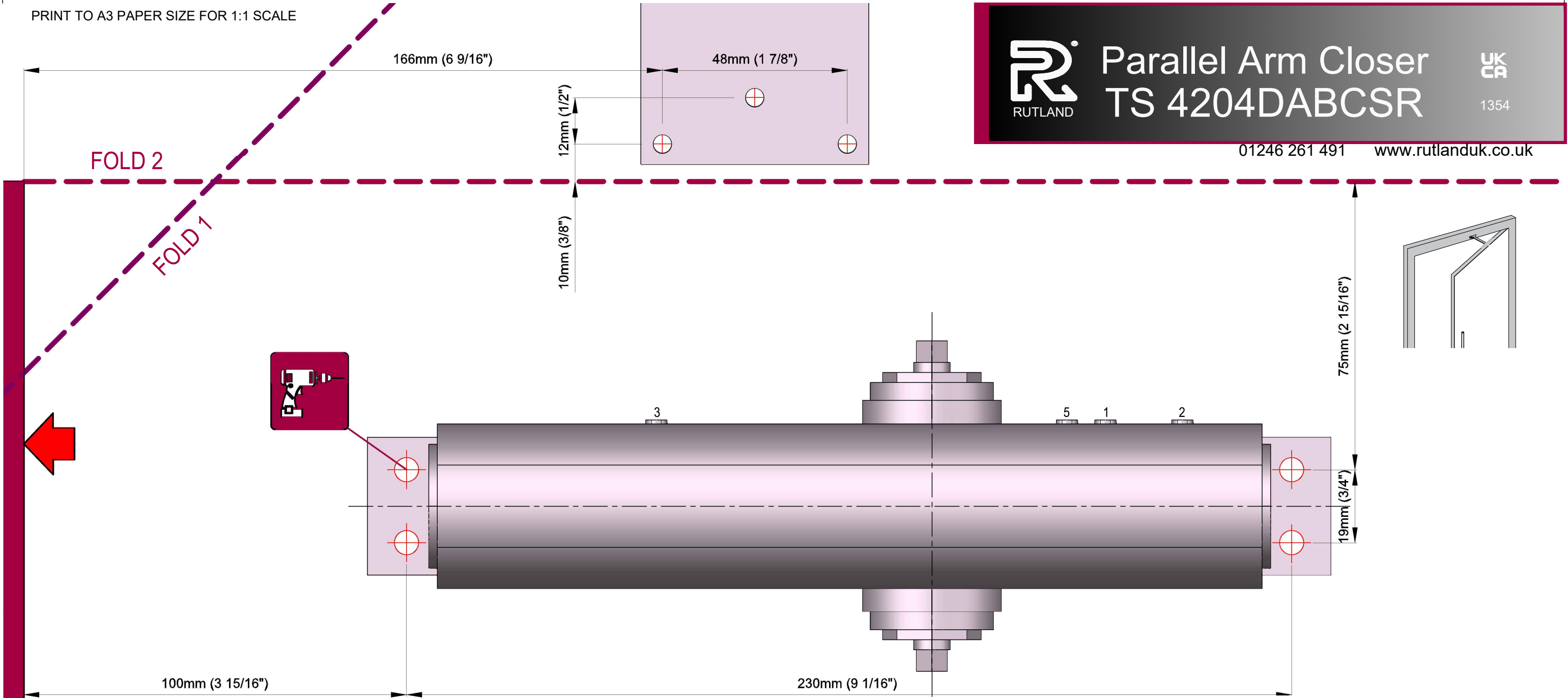


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EN 2-4 Power Adjustment

4	+	-	+	+
No. of turns	EN Size	Max. door width	Max. opening angle	Max weight KG
-6	2*	850mm	180°	45
*0	3	950mm	180°	60
+6	4	1030mm	180°	80

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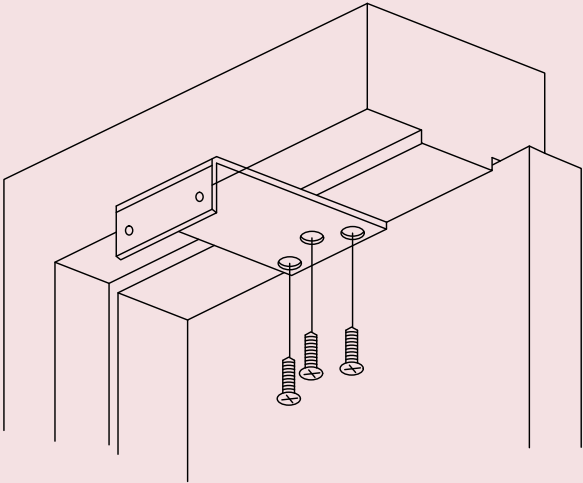
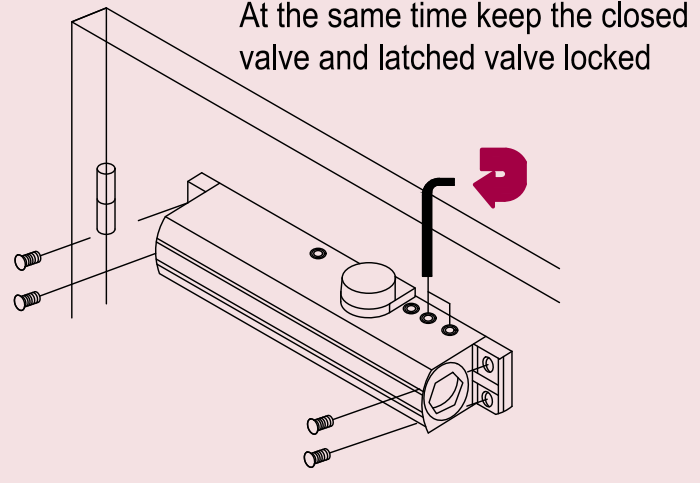
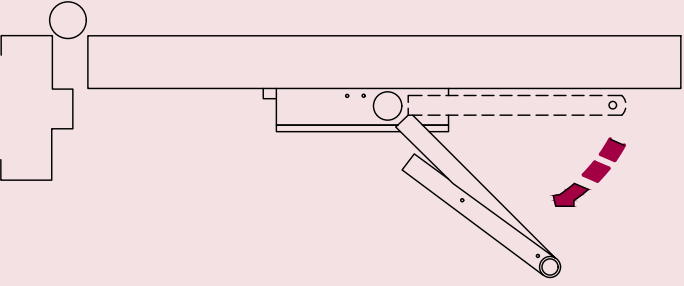
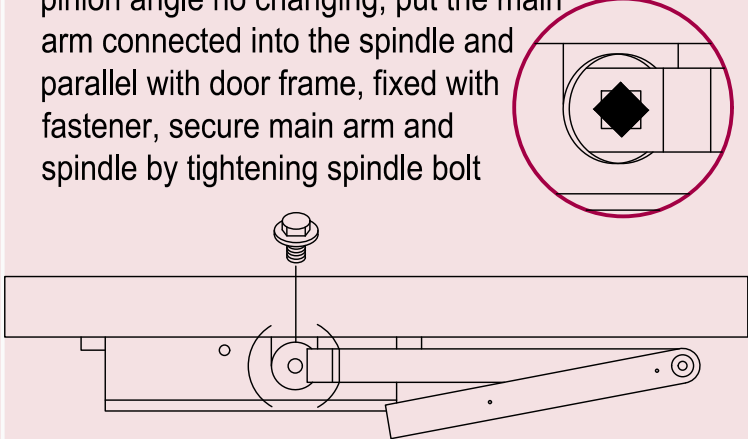
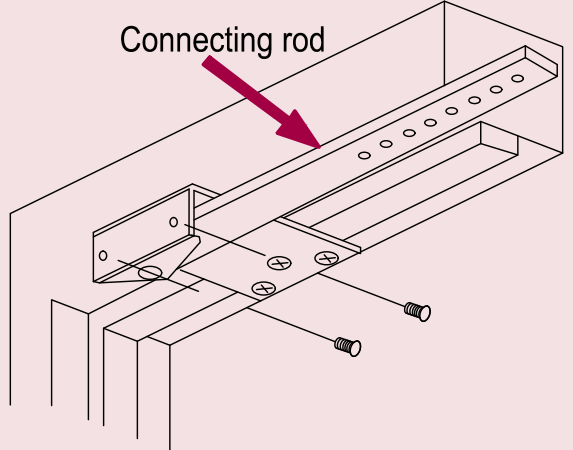
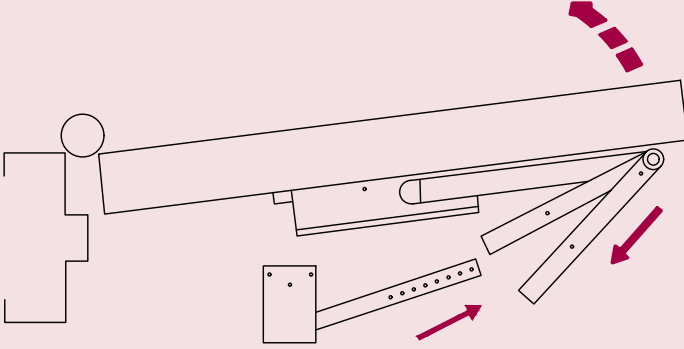
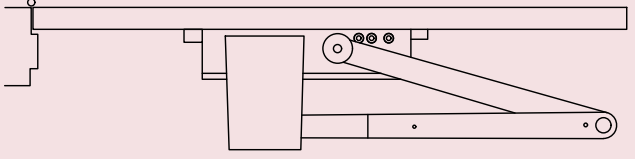
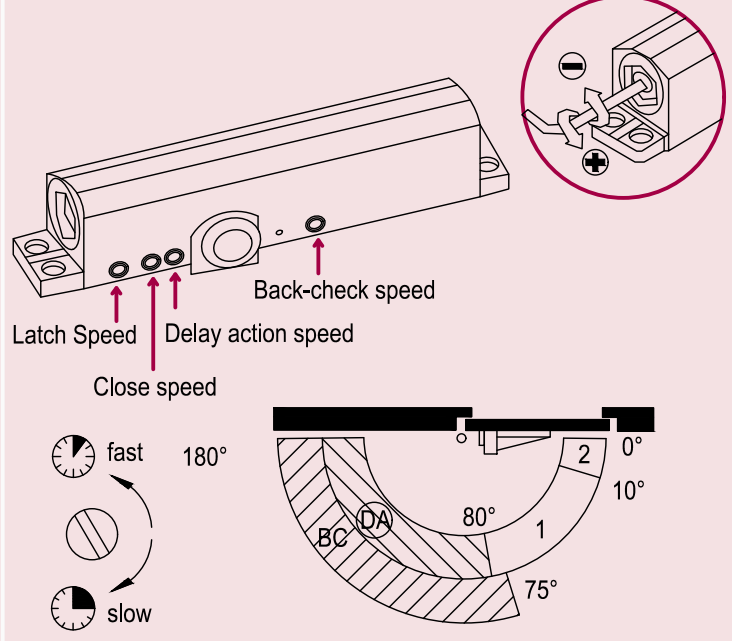
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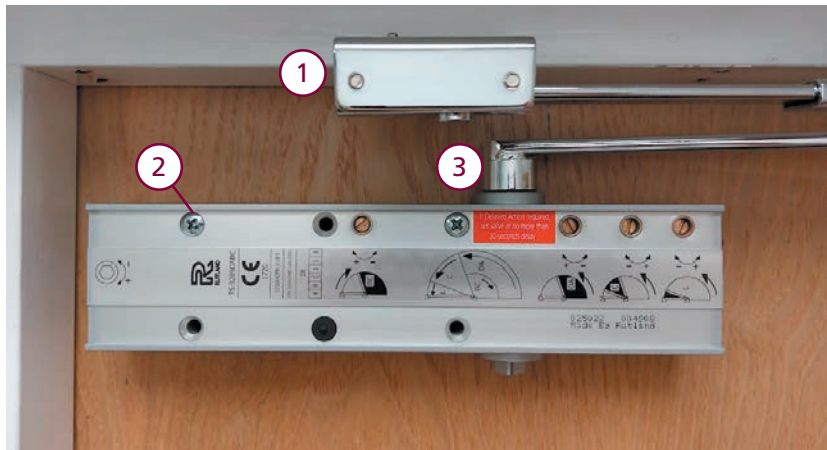
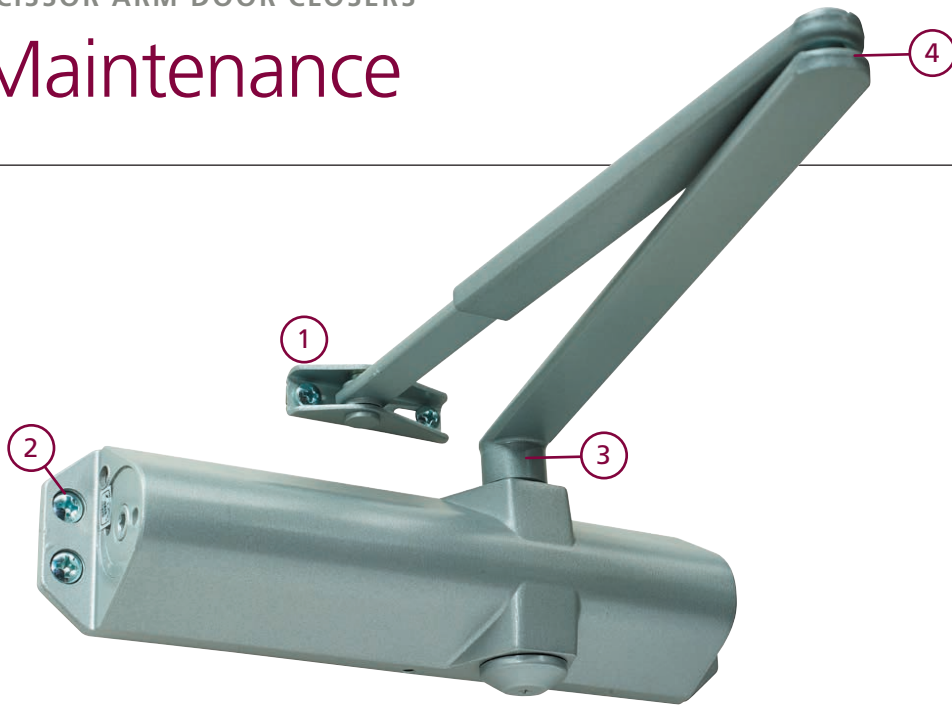
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Maintenance



Step 1

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

Step 2

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

Step 3

Lubricate all moving parts, e.g. the Knuckle (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



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 Scissor Arm closers

- If the closer has a back check valve (No. 8), this can be used to slow down the opening speed of the door. Turn the valve clockwise with a screwdriver to increase the Back Check facility.
- If the closer has a delayed action valve (No. 9), this can be used to delay the closing speed of the door. Turn the valve clockwise if more time is required or turn the valve anti-clockwise if less time is required.

IMPORTANT – Back Check and Delayed Action are not designed to work at the same time as each other, this means choosing the function most relevant to the situation



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IMPORTANT – Back Check and Delayed Action are not designed to work at the same time as each other, this means choosing the function most relevant to the situation.



SCISSOR ARM DOOR CLOSERS

Back Check and Delayed Action

Rutland Back Check and Delayed Action door closers are the same as other closers, however with extra valves.

BC Valves

- BC valves are for the restraining of the door on the opening cycle, so it doesn't hit a wall or furniture behind the door.

DA Valves

- DA door closers are for giving the elderly, the infirm or children a little extra time when walking through the door way. Both valves can be altered to a greater or lesser degree as required.

Useful Videos

Scan the qr codes to view the latest helpful videos

Door closer valves



6 ways to trouble shoot a Door Closer



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.



Head Office:

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Unit 4, Holmewood Business Park
Chesterfield Road, Holmewood
Chesterfield, S42 5US

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sales@rutlanduk.co.uk
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