


A large, light gray graphic consisting of several overlapping, curved, teardrop-like shapes arranged in a circular pattern, resembling a stylized camera lens or a flower. The shapes are layered, with some appearing in front of others, creating a sense of depth and movement.

CAM ACTION
CLOSERS



Synergy Hardware Limited is one of the UK's leading distributors of door controls and architectural hardware.

Whilst every effort has been made to ensure the information presented in this brochure is correct, we can accept no responsibility for any errors that may exist.

We also reserve the right to make alterations to the design or specification of any product without notice.

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A close-up photograph of a silver-colored Synergy Cam Action Door Closer. The device is rectangular and mounted on a door frame. The Synergy logo, consisting of a stylized 'S' icon followed by the word 'synergy' in lowercase, is printed on the front face. To the right of the logo, there are two circular adjustment ports. The background shows the edge of a door and the door frame.

synergy

CAM ACTION CLOSERS

Doorways can prove difficult to negotiate for many, particularly for children, the disabled and the elderly. Countless doors use traditional controls which utilise a 'rack and pinion' mechanism to close the door.

This type of closer can prove to be inefficient and cause the door to be heavy and challenging to open.

Cam action door closers from Synergy utilise highly efficient technology to ensure the door is easy to open, whilst retaining sufficient power to close the door.

The entire range is CE marked to BS EN 1154 and Certifire accredited by Exova (UK) Limited, who also independently tested all adjustable power models to attest to the fact that the mechanisms far exceed the requirements of BS:8300 and Approved Document M (ADM).

These very efficient door closers are available in four different models, catering for a host of performance and cost solutions. In addition, every model is available in a number of matching finishes resulting in the most comprehensive range of cam action door closers.



FINISHES



SNP
Satin Nickel
plated.



BRM
Brown Bronze.



PCC
Polished Chrome
plated.



SES
Silver coated.



PBM
Polished Brass.

NOTE
Alternative finishes such as
Satin Brass, Powder Coated and
various shades of Bronze are
available on request.



S1000 concealed CAM action door closer in BRM finish

S1000 SERIES

CONCEALED CAM ACTION DOOR CLOSER. EN 2-4 POWER ADJUSTABLE BY SPRING.

- Compact concealed body, track and arm providing the ultimate aesthetic solution.
- Highly efficient cam action mechanism provides easy operation.
- Aluminium extruded body.
- 23mm wide slide track complete with matching arm.
- Adjustable closing speed and independent latch action.
- Cushion stop / backcheck with adjustment between 80° and 120° at installation..
- Fully reversible. Suitable for both door and transom mounted applications.
- Minimum door thickness: 44mm
- 777mm wide - Minimum door width to enable the S1000 to meet the opening force requirements of ADM and BS8300 at EN3.



CE MARKED

- 1121-CPD-AD5192.
- DOP-SHL-DC61.



CERTIFIRE APPROVED

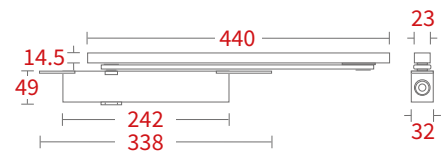
- CF 5293 up to FD60 on timber doors.



TESTED TO BS EN 1154

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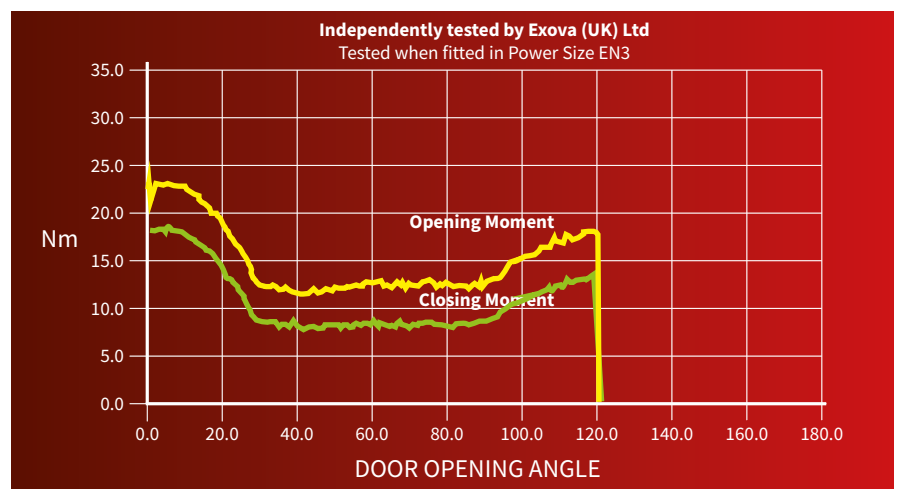
Closer with slide track and arm



ADDITIONAL OPTIONS

- Optional mechanical hold open device available (Not suitable for use on fire doors) with adjustment between 80° and 120° at installation.
- Optional intumescent packs are also available.

POWER CURVE



S3500 SERIES

SURFACE MOUNTED CAM ACTION DOOR CLOSER. EN 2-5 POWER ADJUSTABLE BY SPRING.

- Highly efficient cam action mechanism provides easy operation.
- Exclusive profile extruded body.
- Various finishes with matching slide track, arm and cover.
- Adjustable closing speed and independent latch action.
- Adjustable backcheck function.
- Delayed action function.
- 860mm wide - Minimum door width to enable the S3500 to meet the opening force requirements of ADM and BS8300 at EN3.
- 2 mechanism variants:
S3501 - Door pull side mounted / Transom push side mounted.
S3506 - Door push side mounted / Transom pull side mounted.
- 3 cover variants:
Semi radius cover option. (**S3501.SR** or **S3506.SR**)
Rectangular cover option. (**S3501.RE** or **S3506.RE**)
Slide plate option. (**S3501.MEC** or **S3506.MEC**)



CE MARKED

- 1121-CPD-AD5199.
- DOP-SHL-DC75.



CERTIFIRE APPROVED

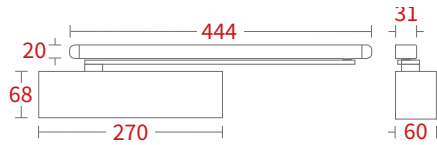
- CF 5312 up to FD120 on timber doors.



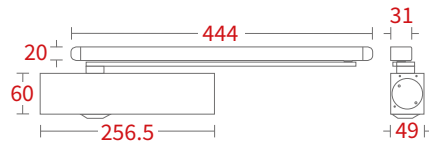
TESTED TO BS EN 1154

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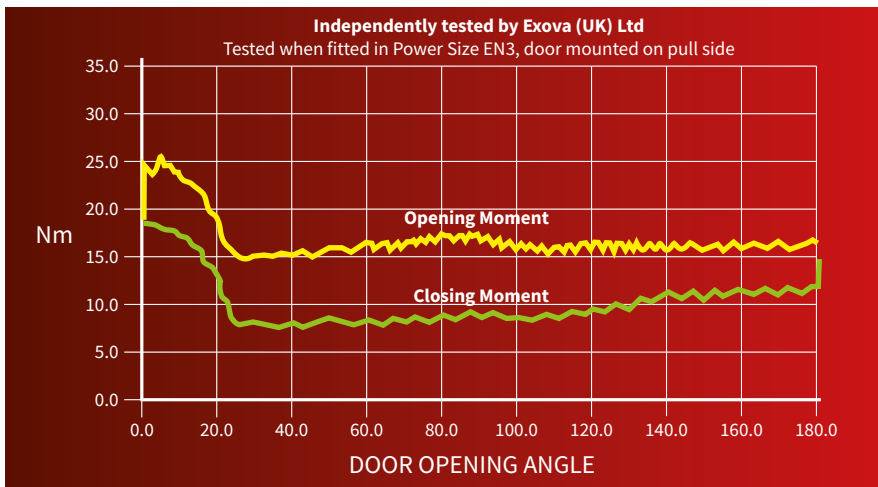
Closer with semi radius/ rectangular cover



Closer with slide plate



POWER CURVE



ADDITIONAL OPTIONS

- Optional mechanical hold open device available (Not suitable for use on fire doors) with adjustment at installation up to 150° depending on model and mounting application.
- Optional angle bracket available for push side fixing of the slide track to door frames with a deep reveal.



S3500 cam action door closer in SNP finish with semi-radius cover

FINISHES



SNP
Satin Nickel
plated.



BRM
Brown Bronze.



PCC
Polished Chrome
plated.



SES
Silver coated.



PBM
Polished Brass.

NOTE
Alternative finishes such as Satin Brass, Powder Coated and various shades of Bronze are available on request.



FINISHES



SNP
Satin Nickel
plated.



BRM
Brown Bronze.



PCC
Polished Chrome
plated.



SES
Silver coated.



PBM
Polished Brass.

NOTE
Alternative finishes such as
Satin Brass, Powder Coated and
various shades of Bronze are
available on request.



S3400 cam action door closer in PBM finish with semi-radius cover

S3400 SERIES

SURFACE MOUNTED CAM ACTION DOOR CLOSER. EN 2-4 POWER ADJUSTABLE BY SPRING.

- Highly efficient cam action mechanism provides easy operation.
- Exclusive profile extruded body.
- Various finishes with matching slide track, arm and cover.
- Adjustable closing speed and independent latch action.
- Adjustable backcheck function.
- 873mm wide - Minimum door width to enable the S3400 to meet the opening force requirements of ADM and BS8300 at EN3.
- 2 mechanism variants.
S3401 - Door pull side mounted / Transom push side mounted.
S3406 - Door push side mounted / Transom pull side mounted.
- 3 cover variants:
 Semi radius cover option. (**S3401.SR** or **S3406.SR**)
 Rectangular cover option. (**S3401.RE** or **S3406.RE**)
 Slide plate option. (**S3401.MEC** or **S3406.MEC**)



CE MARKED

- 1121-CPD-AD5198.
- DOP-SHL-DC72.



CERTIFIRE APPROVED

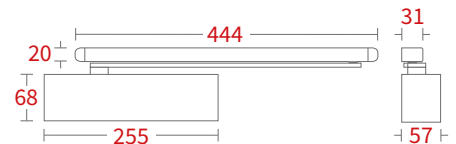
- CF 5312 up to FD120 on timber doors.



TESTED TO BS EN 1154

4	8	4/2	1	1	3
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Closer with semi radius/rectangular cover



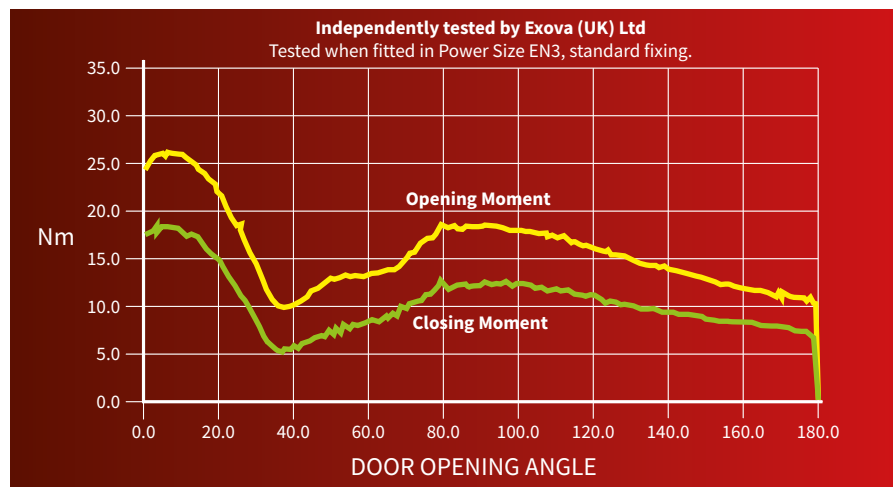
Closer with slide plate



ADDITIONAL OPTIONS

- Optional mechanical hold open device available (Not suitable for use on fire doors) with adjustment at installation up to 150° depending on model and mounting application.
- Optional angle bracket available for push side fixing of the slide track to door frames with a deep reveal.

POWER CURVE



S3000 SERIES

SURFACE MOUNTED CAM ACTION DOOR CLOSER. EN 3 FIXED POWER.

- Highly efficient cam action mechanism provides easy operation.
- Exclusive profile extruded body.
- Various finishes with matching slide track, arm and cover.
- Adjustable closing speed and independent latch action.
- 2 mechanism variants.
S3001 - Door pull side mounted / Transom push side mounted.
S3006 - Door push side mounted / Transom pull side mounted.
- 2 cover variants:
Semi radius cover option.
(S3001.SR or S3006.SR)
Slide plate option.
(S3001.MEC or S3006.MEC)



CE MARKED

- 1121-CPD-AD5197.
- DOP-SHL-DC70.



CERTIFIRE APPROVED

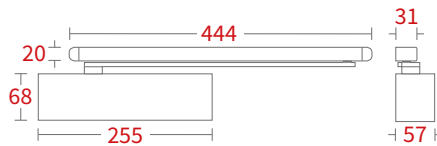
- CF 5312 up to FD120 on timber doors.



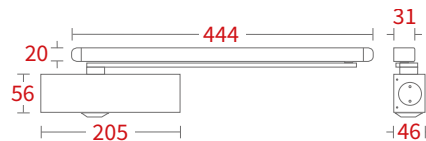
TESTED TO BS EN 1154



Closer with semi radius cover



Closer with slide plate



ADDITIONAL OPTIONS

- Optional mechanical hold open device available (Not suitable for use on fire doors) with adjustment at installation up to 150° depending on model and mounting application.
- Optional cushion stop available with adjustment between 80° and 120° at installation.
- Optional angle bracket available for push side fixing of the slide track to door frames with a deep reveal.



S3000 cam action door closer in SES finish with slide-on cover plate

FINISHES



SNP
Satin Nickel plated.



BRM
Brown Bronze.



PCC
Polished Chrome plated.



SES
Silver coated.



PBM
Polished Brass.

NOTE
Alternative finishes such as Satin Brass, Powder Coated and various shades of Bronze are available on request.



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