



Architectural Ironmongery Catalogue

Chapter 2

Door Controlling Devices





Certifire is a voluntary, independent, third party certification scheme that assures performance, reliability and traceability of fire protection products.

The Certifire logo next to a product in this catalogue indicates that it is accredited under the scheme. A product does **not** have to be certified by Certifire to be used on fire doors.



This symbol indicates that the product is CE marked under EN1935. CE marking is compulsory for products with a harmonised European Standard which are to be fitted to fire and/or smoke resisting doors, and escape doors. In general all of our commercial door controls are CE marked.



This symbol denotes a product that has been successfully tested to EN1634-1:2008 for use on 30 minute fire and smoke doors.

Please be aware that certain products will require the use of an additional intumescent product if fitted to a 30 minute fire door. Most of our closers do **not** require these additional products for 30 minute fire and smoke resistance. Please request this information as necessary.



This symbol denotes a product that has been successfully tested to EN1634-1:2008 for use on 60 minute fire and smoke doors. It is **not** implicit that a 60 minute rated product has been tested as suitable for use on a 30 minute fire door, the 30 and 60 minute tests are carried out independently of one another.

Please be aware that certain products will require the use of an additional intumescent product if fitted to a 60 minute fire door. Most closers do **not** require these additional products for 60 minute fire resistance. Please request this information as necessary.



This symbol indicates the length of time (in years) that the product is guaranteed for as standard.

The guarantee extends mechanically to the product being used in an environment equal to, or less demanding than, that described in the first paragraph of the product's description, and it's weight carrying capacity not being exceeded (see below).

The guarantee extends to the aesthetics and corrosion resistance of the product commensurate with it's EN classification.



This symbol gives the maximum door weight that the closing device has been tested with. Whilst most closers are capable of closing heavier doors than shown, this is the weight to which the guarantee relates.



This symbol denotes that the product can be included in a master system.



This symbol indicates that the product can be engraved by us to your requirements. This can be anything ranging from text or symbols to logos or room numbers.



Braille

This symbol indicates that the product can have braille permanently applied to it by us.

Corrosion



Our closers have their corrosion resistance indicated in the 6th box of their EN classification. Guarantees extend to the product being used in an environment commensurate with their classification. See page 5 for more details.

Handing

There is no uniform handing system for door products across all manufacturers. Where a product is handed we indicate the handing protocol, for that product only, with the schematic below.



The Building Act’s Approved Document B and Approved Document M make specific requirements for the closing and opening forces of a door, for fire safety and accessibility respectively.

Many fixed power door closers are not able to reconcile these requirements reliably, and where a product may not be able to do so we have indicated this in the products description.

These fixed power door closers may well meet the requirements, but as the power is fixed, and no adjustment of power is possible in situ, their compliance can become a hit and miss affair.

For this reason variable power door closers exist, their power can be adjusted in situ to aid in reconciling these two requirements. All of our variable power door closers can assist in reconciling Approved Document B and Approved Document M.


The Equality Act 2010 requires “reasonable” adjustments to buildings in order remove barriers within them to eliminate discrimination. What is “reasonable” is judged based on each individual environment and it’s intended use.

For this reason very high efficiency door closers exist, typically by the use of **cam and roller** technology, they are able to improve substantially on the minimum opening forces required by Approved Document M, whilst still providing the closing forces required by Approved Document B.

A primary school would be an obvious example of an environment where the use of very highly efficient door closers would be deemed “reasonable”. The overwhelming majority of a primary school’s users may well be unable to open a door with a convetional variable power door closer on it.

A training centre for bricklayers and joiners would be an extreme example of where the requirement for a very highly efficient closer would be unreasonable. The overwhelming majority of the building’s intended users will be more than capable of operating a door which is closed by a standard variable power door closer.

There are of course many environments in between to which the test for reasonabilty is far less obvious, and there are environments where even very highly efficient cam and roller door closers would still create barriers in a building.

 This symbol denotes a very highly efficient door closer, or electro magnetic device, that would constitute a “reasonable adjustment” in order to reconcile the closing forces required by Approved Document B with the Equality Act 2010 in line with the description above.



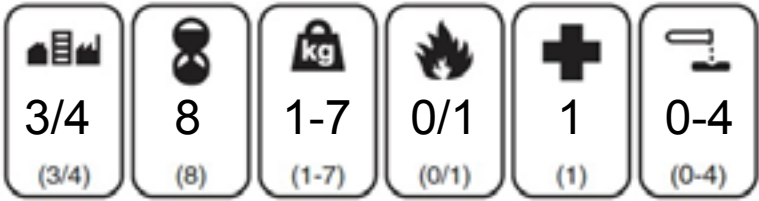
Cam & Roller

Ironmongery Scheduling

We offer a complete architectural ironmongery and lock scheduling service. All our schedules are carried out by a Dip GAI qualified Architectural Ironmonger with a Dip FD qualification in fire doors.

There are many advantages to getting is involved early on in your project with this service.





The string of boxes above relates to a closer’s performance in tests to achieve it’s classification under either EN1154, EN1155 and/or EN1158. Where these boxes are shown on a product page it indicates the following statement of conformity from the manufacturer.

“This product has been succesfully type-tested for conformity to all the requirements of EN1154, EN1155 and/or EN1158. Test reports and certificates are available upon request. Regular audit testing is undertaken.”

This is the wording required by the standards, and it is a stronger wording than “tested to”, “designed to conform to”, “conforms to” or “approved to”. Such weak statements of conformity are usually an indication of an untested product. Where the string of boxes is shown on a product page it indicates, and can be taken as meaning, a **proper statement of conformity** as prescribed.

The outcome of the various tests required by the three European Normatives are indicated by the numbers inside each box, with each box relating to an aspect of the hinge’s performance.

Digit 1
Category of use. Two categories of use are identified:

- grade 3: For doors closing from at least 105°.
- grade 4: For doors closing from at least 180°.

Digit 2
Durability. One grade is identified for door closing devices manufactured to this European standard:

- grade 8: 500 000 test cycles.

Digit 3
Test door mass. Eight door mass grades related to door closers are identified in this European standard as shown below.

1	<750mm	20 kg
2	850mm	40 kg
3	950mm	60 kg
4	1100mm	80 kg
5	1250nn	100 kg
6	1400mm	120 kg
7	1600mm	160 kg

Digit 4
Suitability for fire/smoke door use. Two grades of suitability are identified for door closing devices:

- grade 0: not suitable for fire/smoke resistant door assemblies
- grade 1: suitable for fire/smoke resistant door assemblies subject to satisfactory assessment of the contribution of the door closer to the fire resistance of the specified fire/smoke door assemblies. Such assessment is beyond the scope of this European standard (see EN 1634-1).

Digit 5
Safety
Door closers are required to satisfy the essential requirements of safety in use. Therefore, only grade 1 is identified.

Digit 6
Corrosion resistance. Five grades of corrosion resistance are identified in accordance with EN1670:

- grade 0: no defined corrosion resistance.
- grade 1: mild resistance.
- grade 2: moderate resistance.
- grade 3: high resistance.
- grade 4: very high resistance.

Exec Range



High performance cam and roller door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist greatly in meeting the requirements of The Equality Act 2010.



An attractive door closer for prestigious environments, available in four finishes.

- Satin stainless steel (pictured)
- Polished stainless steel
- Polished brass
- Satin anodised aluminium



In addition to the various finishes, this closer is available with three different sliding front covers, allowing a degree of personalisation.



Power range is EN 2-5 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Adjustable closing and latching speeds.



Adjustable backcheck as standard.



Delayed action as an option.

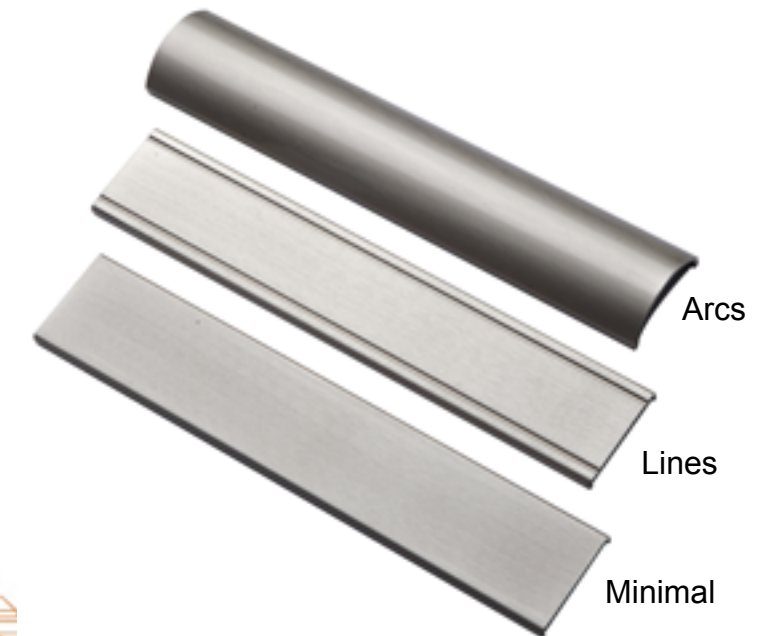
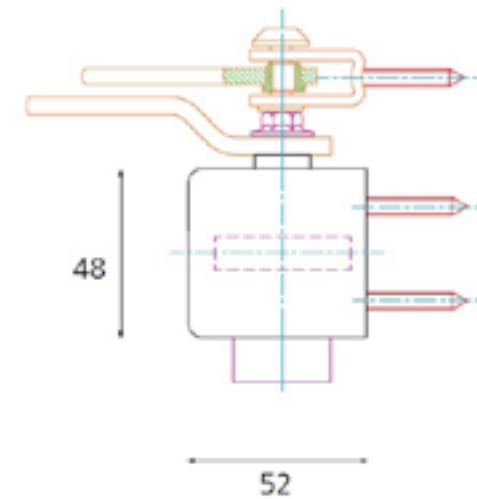
For doors up to 1250mm wide with an opening angle of up to 180°.



Lines



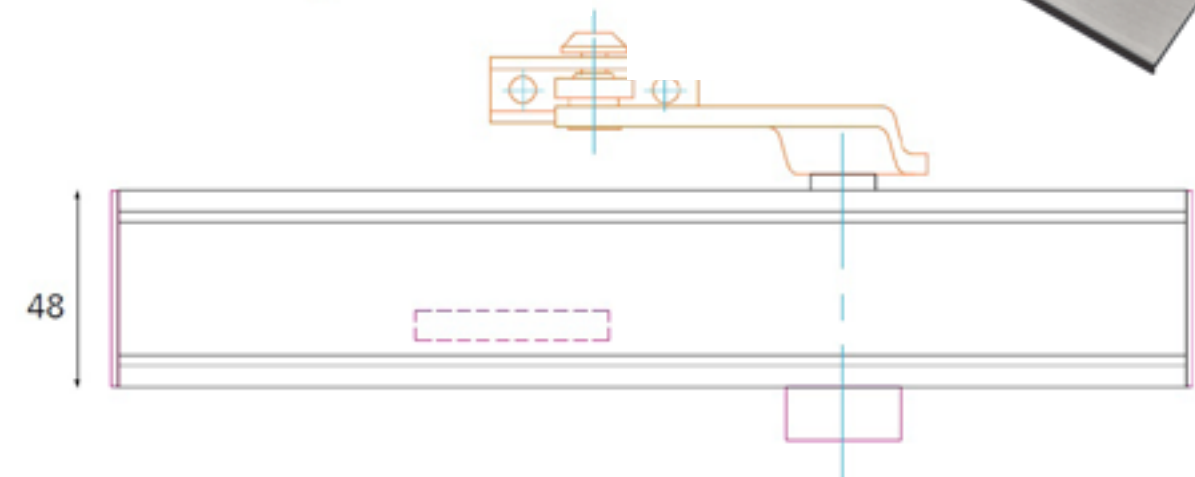
Arcs



Arcs

Lines

Minimal



EN1154

Prod Code

CL9011-X-X

Exec Range - Electro Magnetic



High performance cam and roller, 24 volt, electro magnetic door closer for doors subject to a high frequency of careless use.



An attractive door closer for prestigious environments, available in four finishes.



- Satin stainless steel (pictured)
- Polished stainless steel
- Polished brass
- Satin anodised aluminium



Function 1. This closer is wired into the fire alarm system and will hold the door open at an angle 90° while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and behave as a normal door closer.



Function 2. The closer will remain inactive during normal use and the door will “swing free” while it is receiving power. When the power is cut it will close the door automatically and behave as a normal door closer.



The same unit can perform both functions, it is set via a switch on the closer's body.



Power range is fixed a EN 4 unless the closer is receiving power.



Adjustable closing and latching speeds as standard.

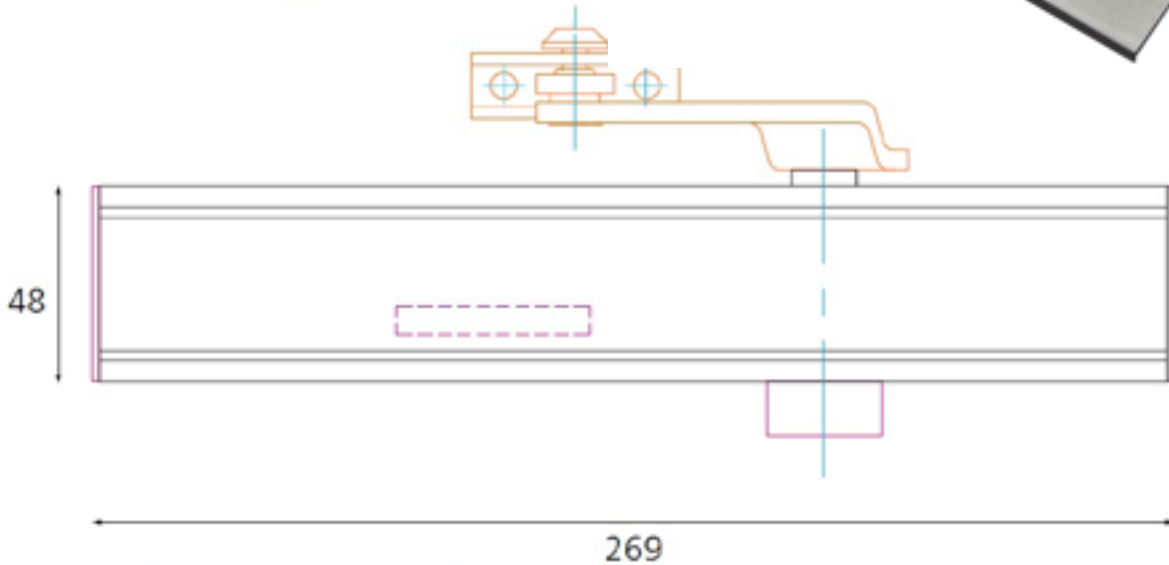
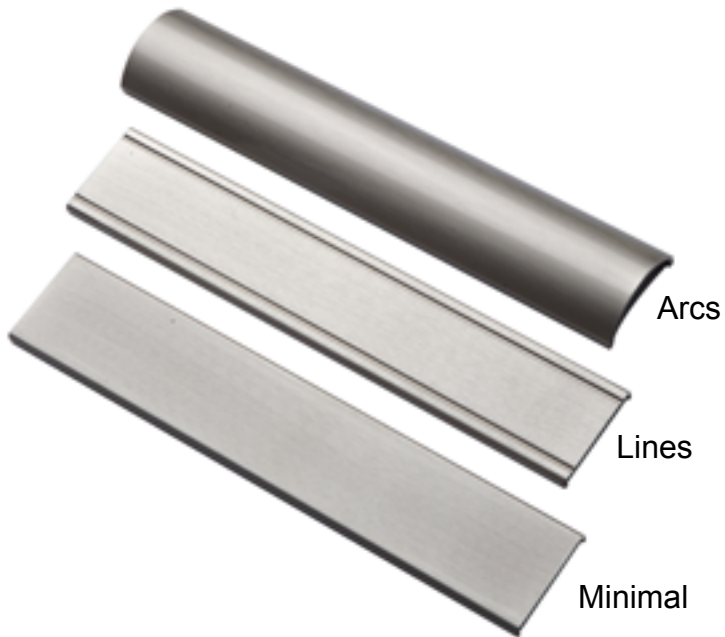
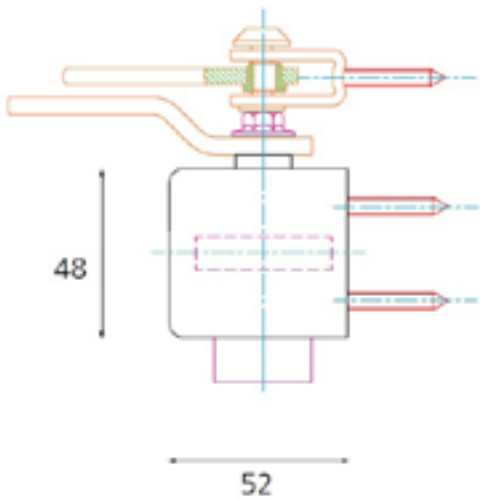
For doors up to 1250mm wide. For doors with an opening angle of up to 180°.



Minimal



Arcs



EN1155

Prod Code
CL9012-X-X

Public Range (EN 1-4)



CE High performance cam and roller door closer for doors subject to a high frequency of careless use.

FD 30 Cam and roller technology allows the closer to be very efficient, to assist greatly in meeting the requirements of The Equality Act 2010.

FD 60 A high performance door closer suitable for public sector environments such as social housing, education and health care as well as commercial environments.
Available in a dual finish of brushed aluminium and brushed stainless effect, allowing it to aesthetically match stainless steel or aluminium equally well.

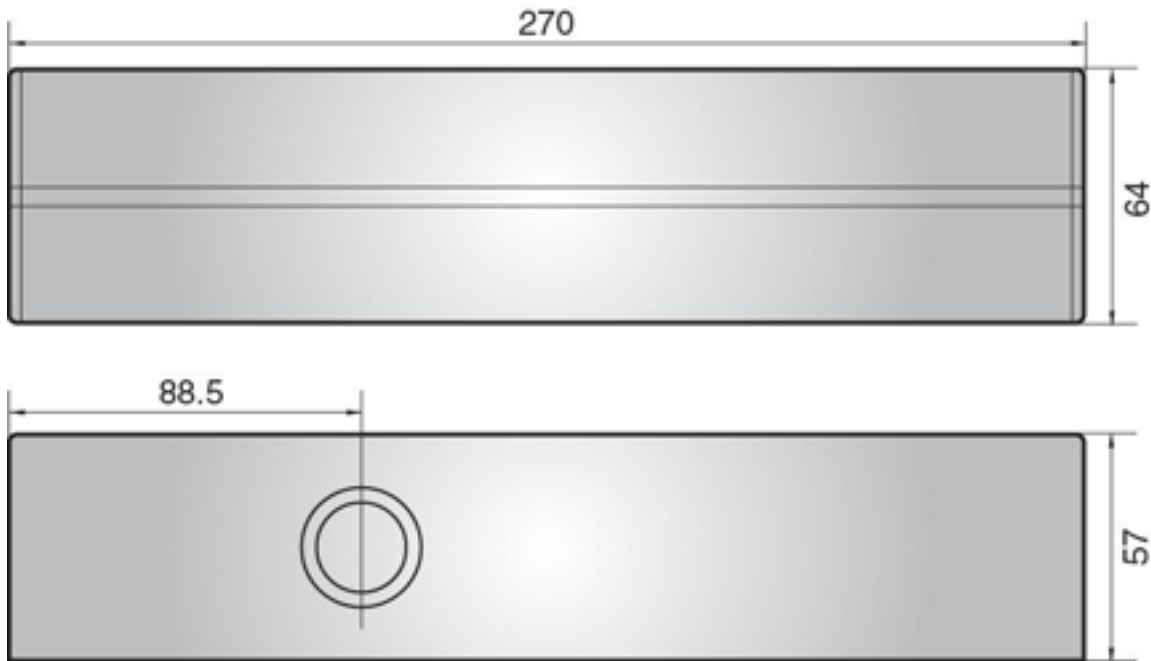
W Power range is EN 1-4 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.

G Adjustable closing and latching speeds.

10 Adjustable backcheck as standard.

80 Adjustable delayed action as an option.

80 For doors up to 1100mm wide with an opening angle of up to 120°/170°.
A stronger version of this door closer is available (on page 14) for larger doors or doors subject to wind forces. Both versions are aesthetically and dimensionally identical.



EN1154

Prod Code
CL5500

Public Range (EN 3-6)



CE High performance cam and roller door closer for doors subject to a high frequency of careless use.

FD 30 Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.

FD 60 A high performance door closer suitable for public sector environments such as social housing, education and health care as well as commercial environments.

W Available in a dual finish of brushed aluminium and brushed stainless effect, allowing it to aesthetically match stainless steel or aluminium equally well.

10 Power range is EN 3-6 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.

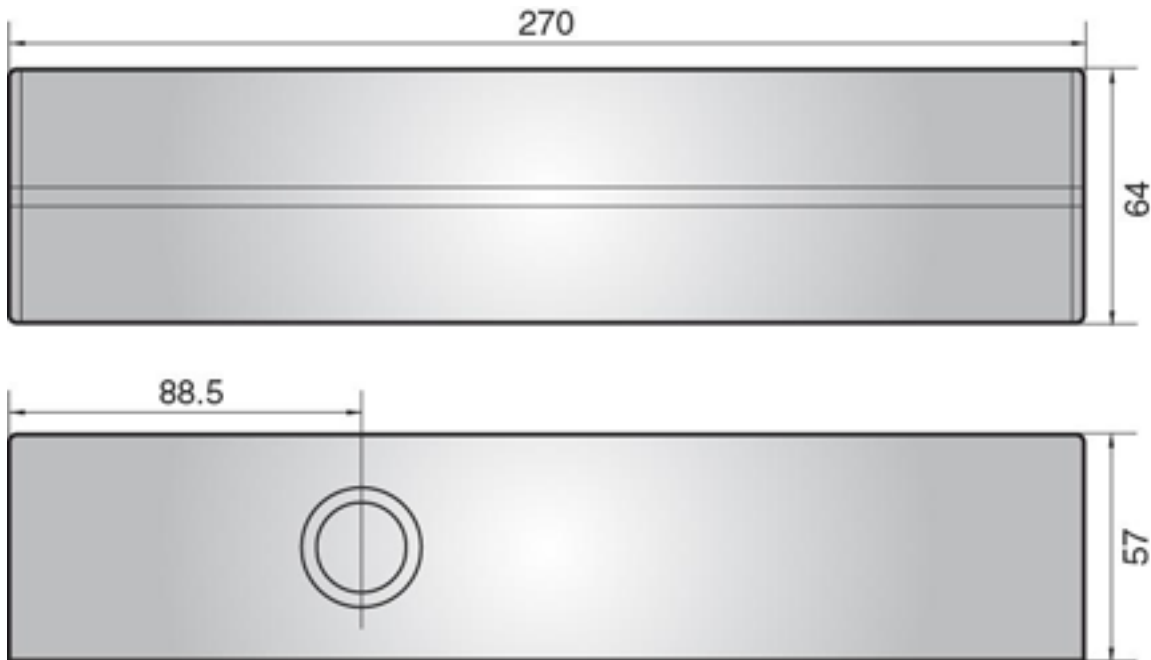
G Adjustable closing and latching speeds.

120 Adjustable backcheck as standard.

120 Adjustable delayed action as an option.

120 For doors up to 1400mm wide with an opening angle of up to 170°.

A less powerful version of this door closer is available (on page 12) for internal doors. Both versions are aesthetically and dimensionally identical.



EN1154

Prod Code
CLKIT-5701

Public Range - Electro Magnetic



CE High performance cam and roller, 24 volt, electro magnetic door closer for doors subject to a high frequency of careless use.

FD 30 Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.

FD 60 A high performance door closer suitable for public sector environments such as social housing, education and health care as well as commercial environments.

W Available in a dual finish of brushed aluminium and brushed stainless effect, allowing it to aesthetically match stainless steel or aluminium equally well.

2 This closer is wired into the fire alarm system and will hold the door open at an angle between 70°-130°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and it will behave as a normal door closer.

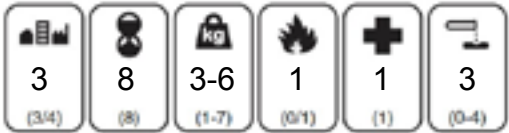
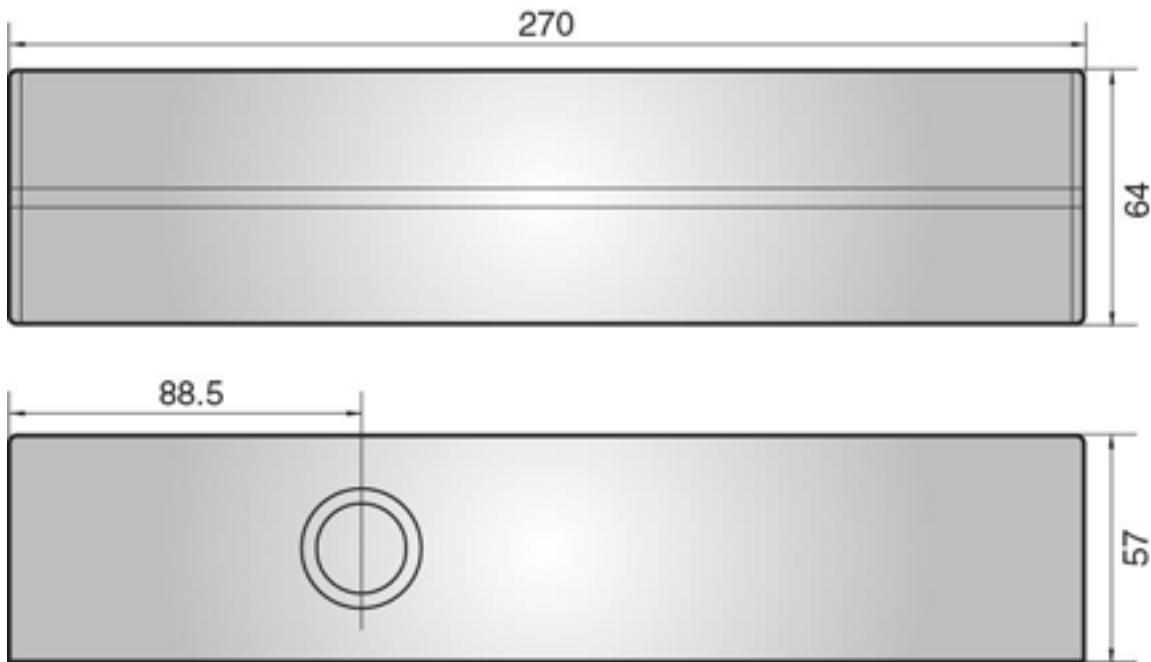
G Adjustable closing and latching speeds.

120 Adjustable backcheck as standard.

120 Adjustable delayed action as an option.

120 For doors up to 1400mm wide with an opening angle of up to 170°.

Non-electro magnetic version of this door closer is available (on pages 12 & 14). All versions are aesthetically and dimensionally identical as the cabling of this model is not visible when it is fitted.



EN1155

Prod Code
CLKIT-5702

Public Range - Double Doors



High performance cam and roller, door closers for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance door closer system for ensuring the proper closing order for double rebated fire doors. Suitable for public sector environments such as social housing, education and health care as well as commercial environments.



Available in a unique dual finish of brushed aluminium and brushed stainless effect, allowing it to aesthetically match stainless steel or aluminium equally well.



Adjustable closing and latching speeds.



Adjustable backcheck as standard.



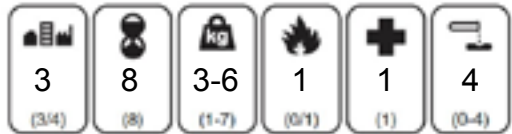
Adjustable delayed action as an option.



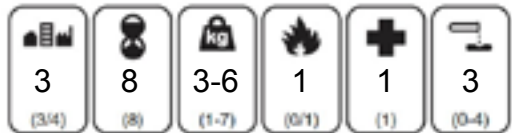
For doors up to 1400mm wide with an opening angle of up to 170°.

Hinge distance 1250 - 2800mm.

This product is aesthetically identical to the other closers in our Public Range.



EN1154



EN1158

Prod Code
CLKIT-5703

Public Range - Double Doors - Electro Magnetic



High performance cam and roller, 24 volt, electro magnetic door closers for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance electro magnetic door closer system for ensuring the proper closing order for double rebated fire doors. Suitable for public sector environments such as social housing, education and health care as well as commercial environments.



Available in a dual finish of brushed aluminium and brushed stainless effect, allowing it to aesthetically match stainless steel or aluminium equally well.



Adjustable closing and latching speeds.



Adjustable backcheck as standard.



Adjustable delayed action as an option.



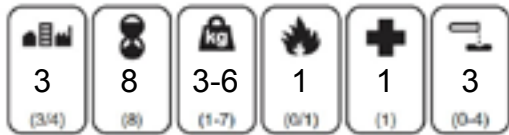
For doors up to 1400mm wide with an opening angle of up to 170°.

Hinge distance 1250 - 2800mm.

This product is aesthetically identical to the other closers in our Public Range.



EN1155



EN1158

Prod Code

CLKIT-5704



Bahaus Range



High performance, diminutive, cam and roller door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



An unusually small and attractive door closer to assist in achieving an aesthetic vision, available in three metallic finishes and any RAL colour as a manufacturer's powder coated finish. The three standard metallic finishes are:-

- Satin stainless steel (pictured)
- Polished stainless steel
- Polished brass



Power range is EN 2-4 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



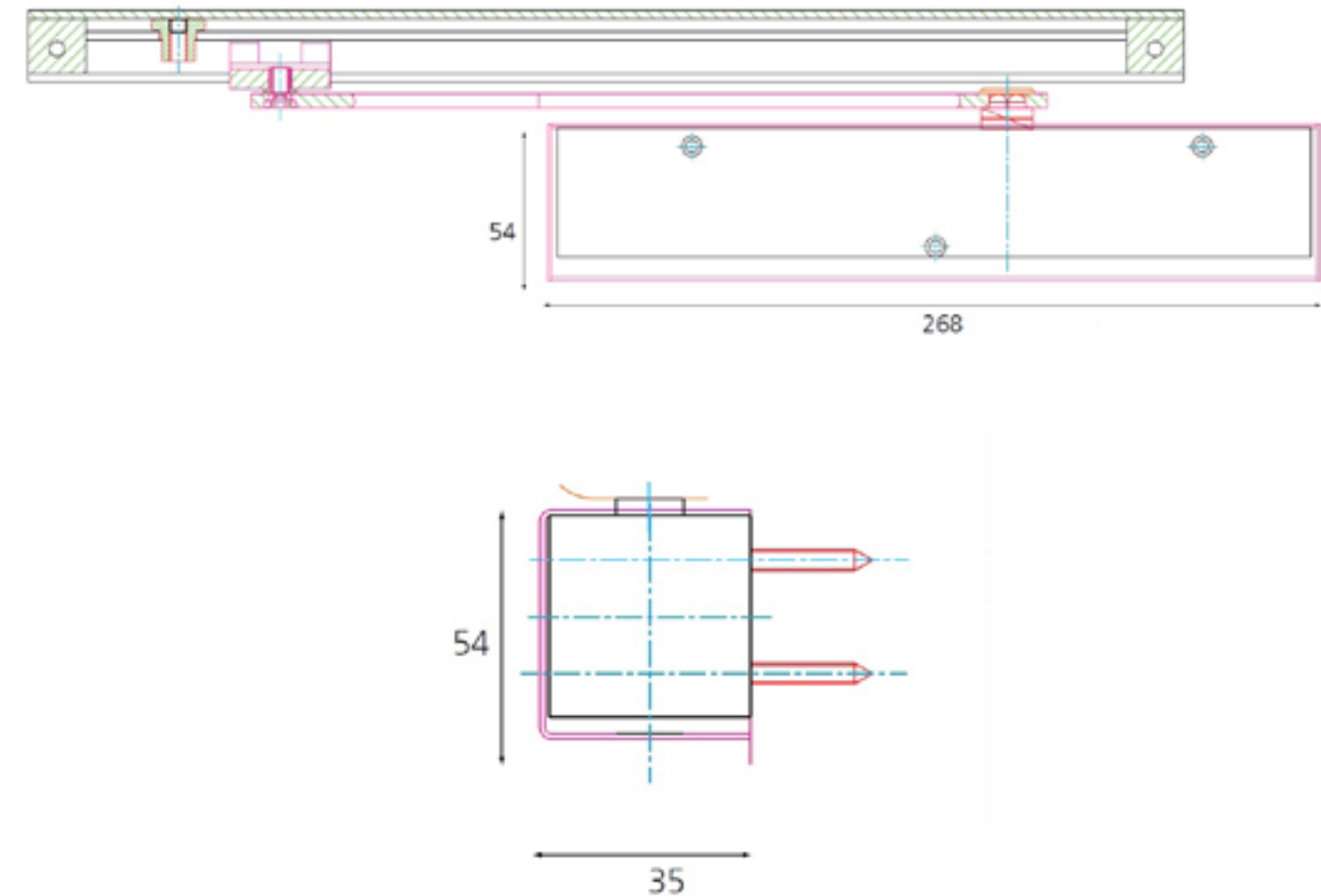
Adjustable closing and latching speeds.



Adjustable backcheck as an option.



For doors up to 1100mm wide with an opening angle of up to 120°.



EN1154

Prod Code

CL9021-X-X

Bahaus Range - Electro Magnetic



High performance, diminutive, 24 volt, cam and roller, electro-magnetic door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



An unusually small and attractive door closer to assist in achieving an aesthetic vision, available in three metallic finishes and any RAL colour as a manufacturer's powder coated finish. The three standard metallic finishes are:-

- Satin stainless steel (pictured)
- Polished stainless steel
- Polished brass



This closer is wired into the fire alarm system and will hold the door open, usually at an angle of 90°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and it will behave as a normal door closer.

Power range is EN 2-4 unless the closer is receiving power.

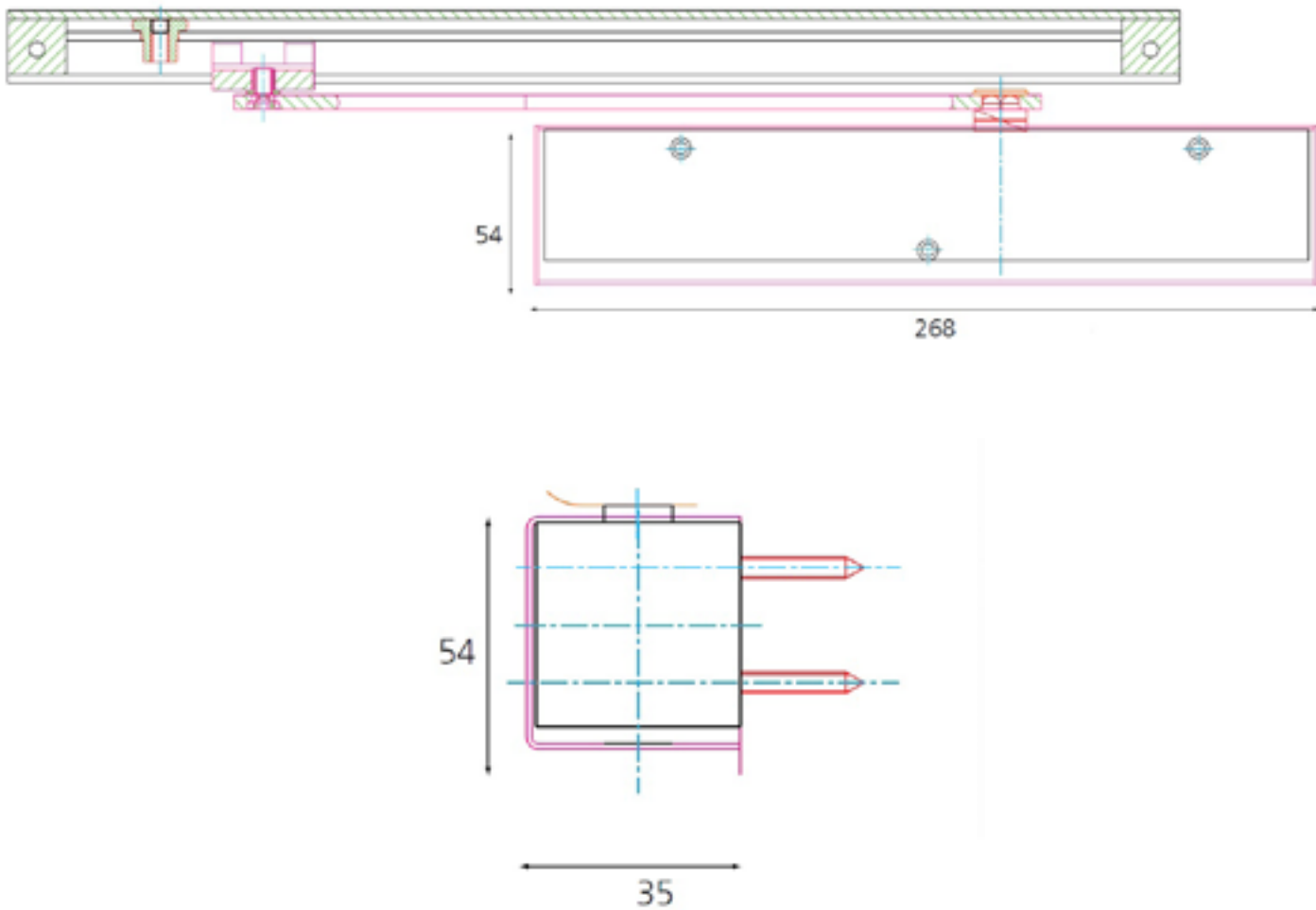


Adjustable backcheck as an option.

For doors up to 1100mm wide with an opening angle of up to 120°.



Non-electro magnetic version of this door closer is available (on page 22). Both versions are aesthetically and dimensionally identical as the cabling of this model is not visible when it is fitted.

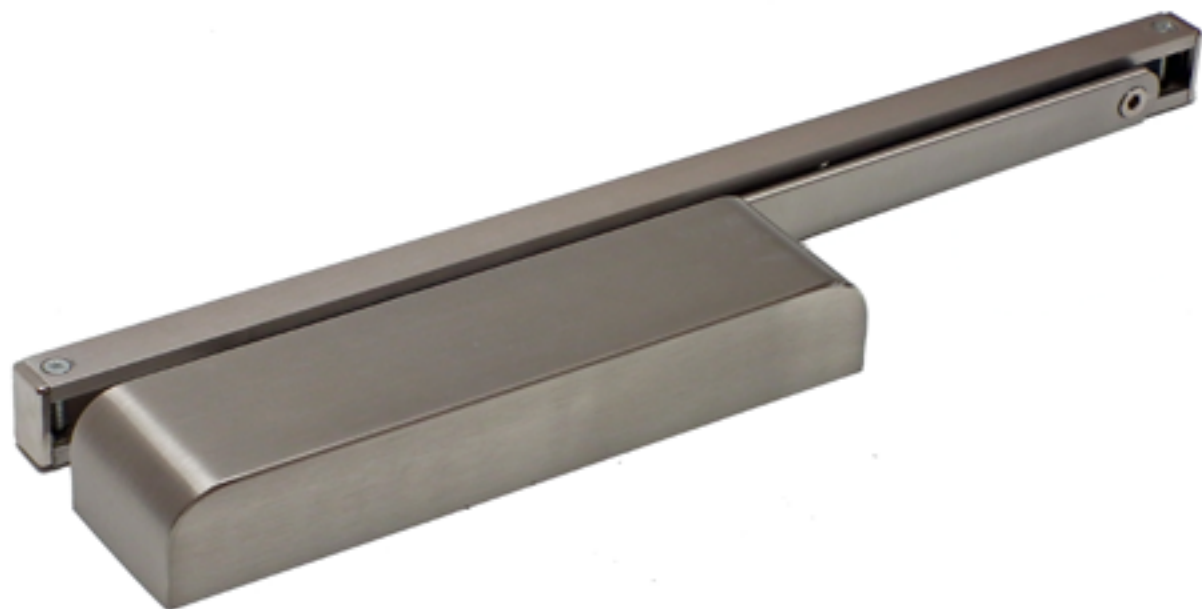


EN1155

Prod Code

CL9022-X-X

RSA Range



Performance cam and roller door closer for doors subject to a high frequency of care-less use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A performance door closer suitable for all environments, available in four finishes.

- Grade 304 solid satin stainless steel
- Satin stainless steel effect plate (pictured)
- Polished stainless steel effect plate
- Polished brass effect plate



Power range is EN 2-4 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Adjustable closing and latching speeds.

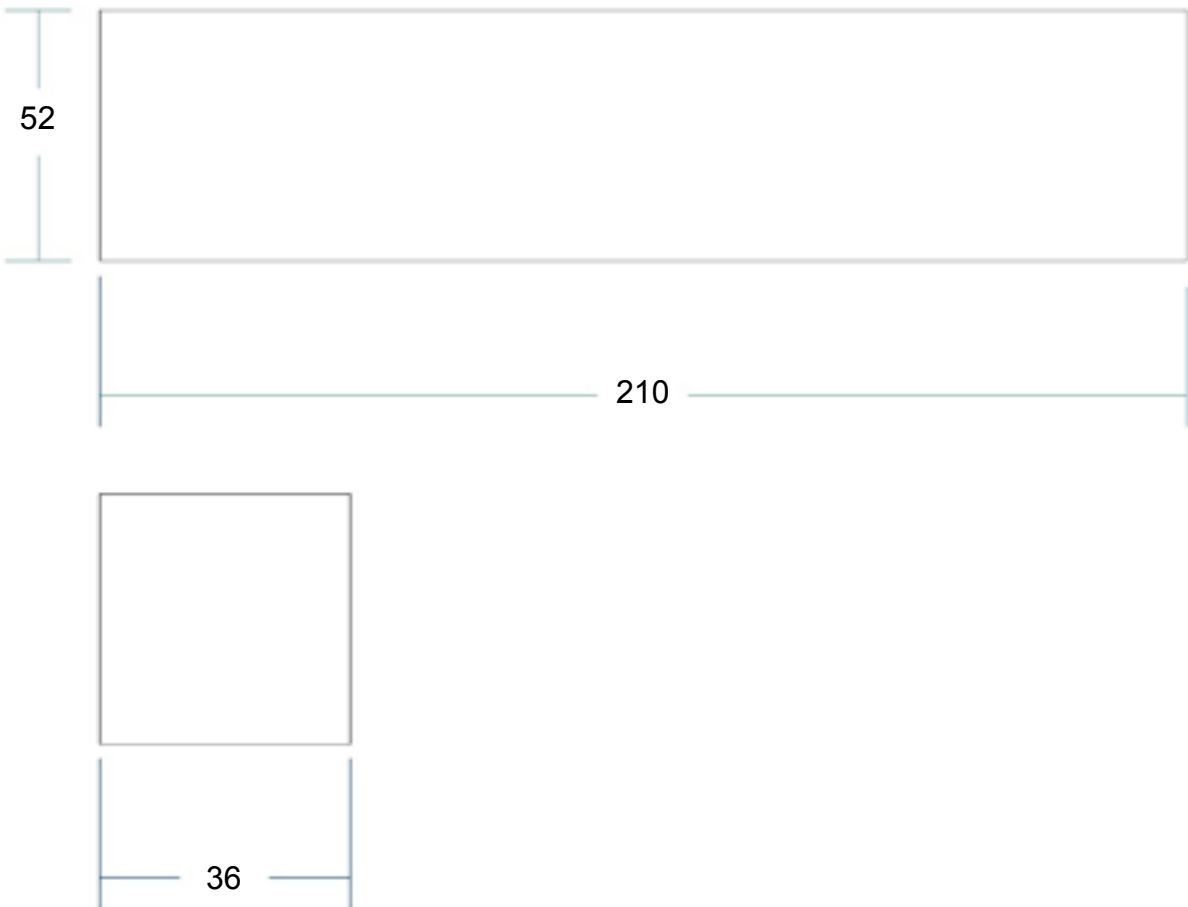


Adjustable backcheck as standard.



Adjustable delayed action as standard.

For doors up to 1100mm wide with an opening angle of up to 110°.



EN1154

Prod Code
CL9031-X

Ingot Range



Performance, rack and pinion door closer for doors subject to a high frequency of care-less use.



An attractive door closer to assist in achieving the desired aesthetics, available in three metallic finishes and any RAL colour as a manufacturer's powder coated finish. The three standard metallic finishes are:-

- Satin stainless steel (pictured)
- Polished stainless steel
- Polished brass



Power range is EN 2-4 and adjustable by spring, the power of this door closer can be adjusted in situ to assist in complying Approved Document M and Approved Document B.

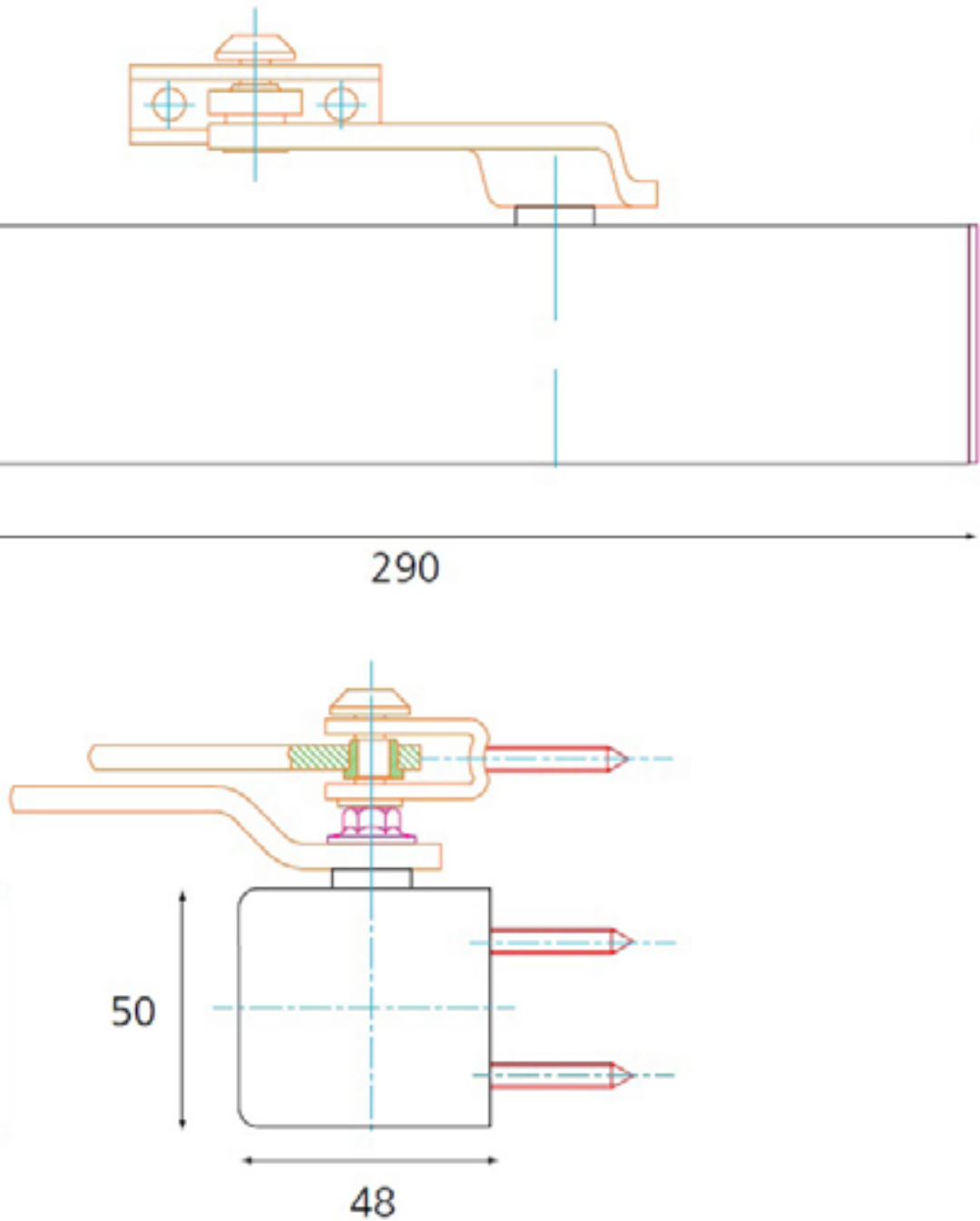
Adjustable closing and latching speeds.

Adjustable backcheck as standard.

Adjustable delayed action as an option.

For doors up to 1100mm wide with an opening angle of up to 180°.

Coming Soon



Prod Code
CL9041-X

Ingot Range - Electro Magnetic



CE Performance, 24 volt rack and pinion door closer for doors subject to a high frequency of careless use.

FD 30 An attractive door closer to assist in achieving the desired aesthetics, available in three metallic finishes and virtually any colour imaginable as a manufacturer's powder coated finish. The three standard metallic finishes are:-

- Satin stainless steel
- Polished stainless steel
- Polished brass (pictured)

FD 60

Function 1. This closer is designed to be used in a fire alarm system and will hold the door open, usually at an angle 90°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and behave as a normal door closer.

Function 2. The closer will remain inactive during normal use and the door will “swing free” while it is receiving power. When the power is cut it will close the door automatically and behave as a normal door closer.

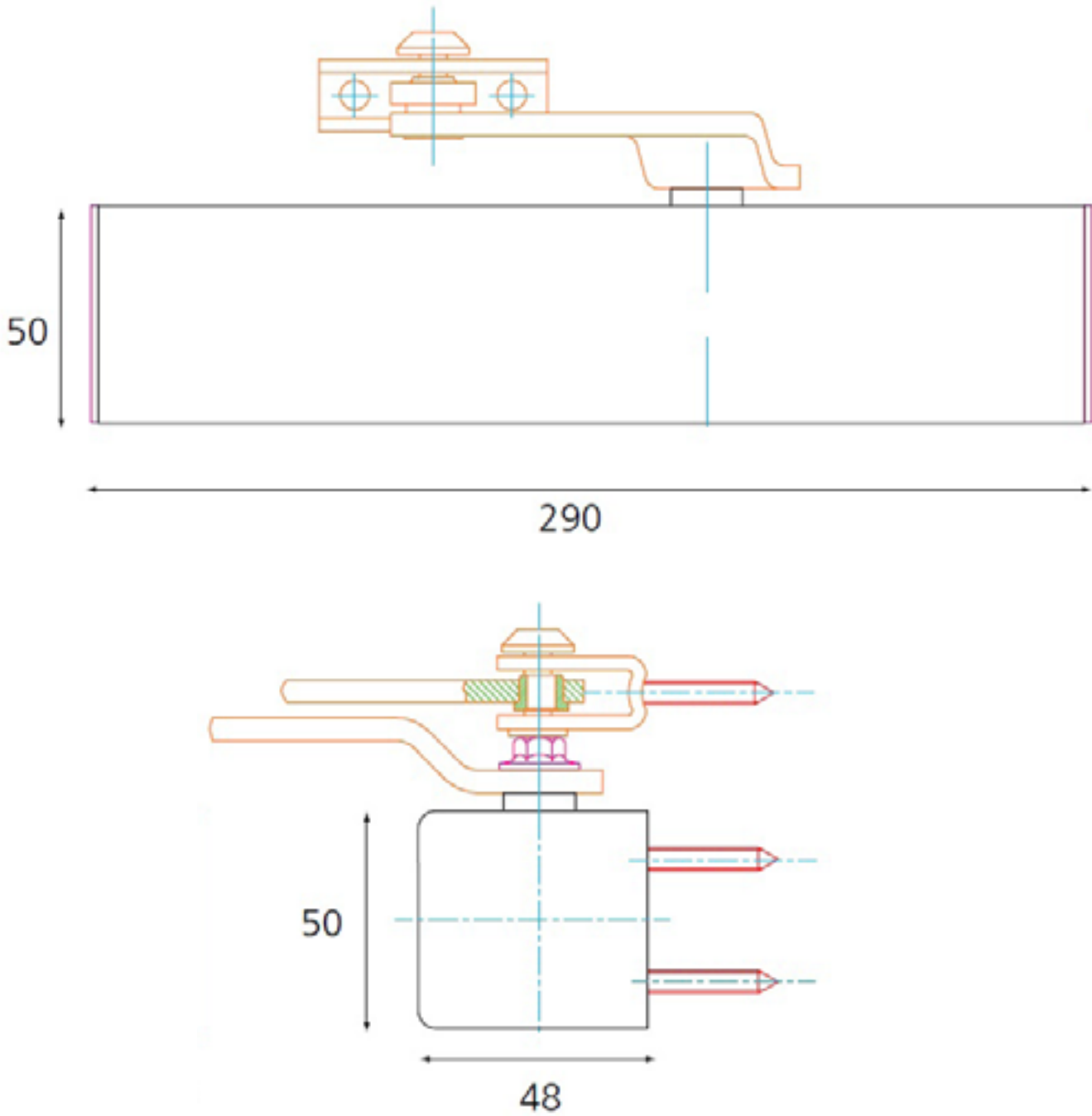
The same unit can perform both functions, it is set via a switch on the closer's body.

80 Power range is fixed EN 3 unless the closer is receiving power.

Adjustable closing and latching speeds.

For doors up to 1100mm wide with an opening angle of up to 180°.

Coming Soon



Prod Code
CL9042-X

WT10 Range (EN 2-5)



CE Performance rack and pinion door closer for doors subject to a high frequency of care-less use.

A performance door closer suitable for most environments, available in 4 finishes.



- Grade 304 solid satin stainless steel
- Satin stainless steel effect plate (pictured)
- Polished stainless steel effect plate
- Polished brass effect plate



Power range is EN 2-5 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Adjustable closing and latching speeds.

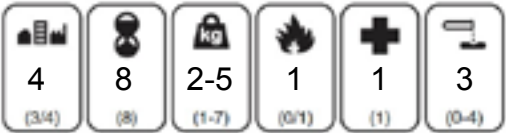
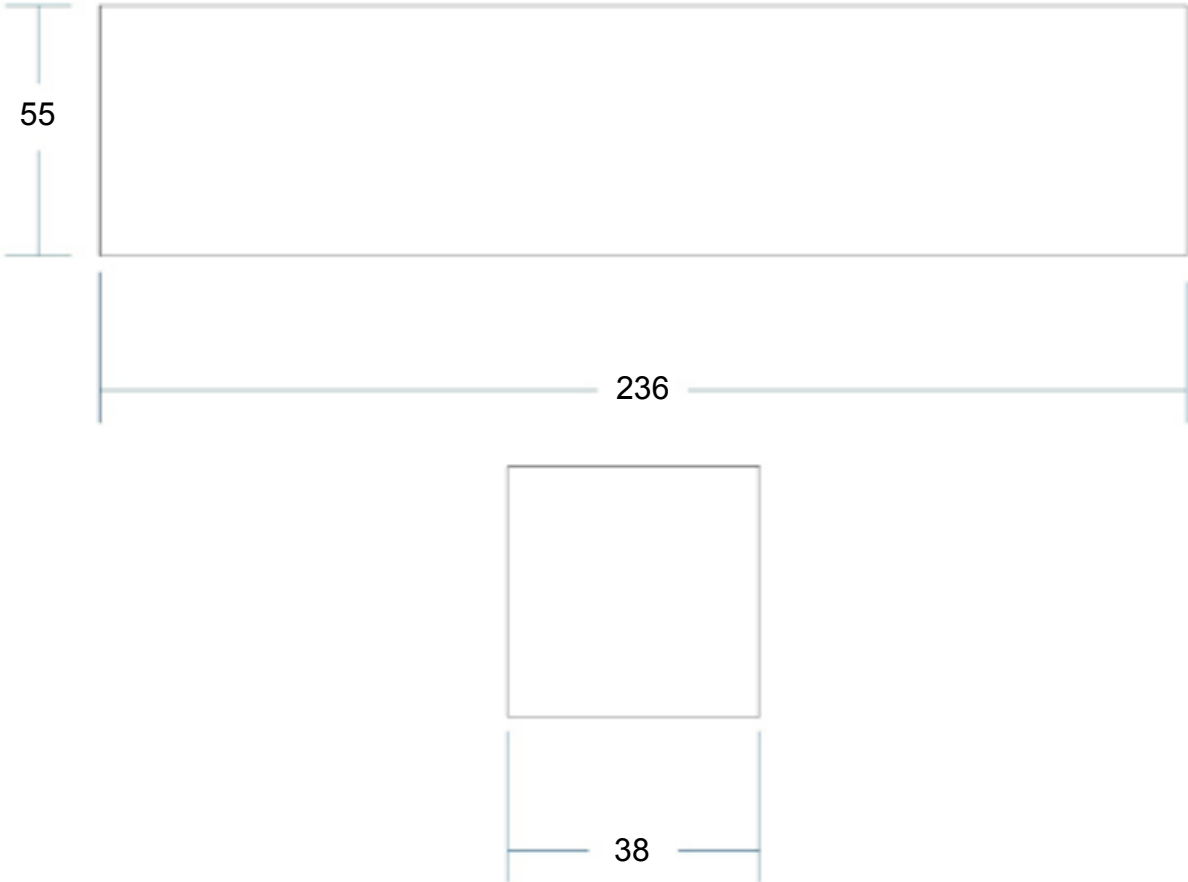
Adjustable backcheck as standard.

Adjustable delayed action as an option.



For doors up to 1400mm wide with an opening angle of up to 180°.

A fixed power version of this door closer is available (on pages xx) for non-critical doors. Both versions are aesthetically identical.



EN1154

Prod Code
CLKIT-72-X

WT10 Range (EN 3)



Performance rack and pinion door closer for doors subject to a high frequency of care-less use.



This door closer is for certain situations where the added cost of the closer on page xx is not wanted but an aesthetically identical closer is required, available in 4 finishes.



- Grade 304 solid satin stainless steel
- Satin stainless steel effect plate (pictured)
- Polished stainless steel effect plate
- Polished brass effect plate



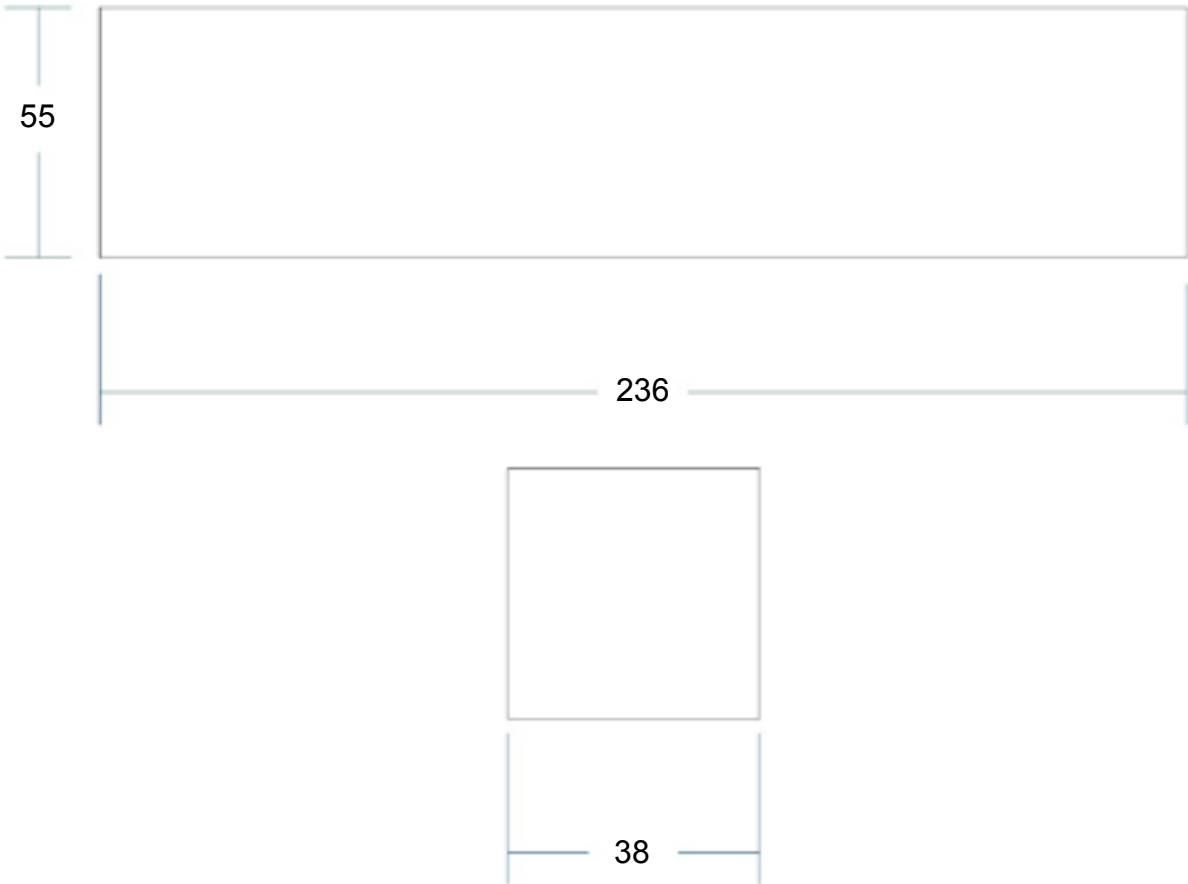
Power range is fixed EN 3 with adjustment between 2 and 4 by template, the power of this door closer can **not** be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.

Adjustable closing and latching speeds.



For doors up to 950mm wide with an opening angle of up to 180°.

A variable power version of this door closer is available (on pages xx). Both versions are aesthetically identical.



EN1154

Prod Code
CLKIT-71-X

WT10 Range - Electro Magnetic



Performance rack and pinion door closer for doors subject to a high frequency of care-less use.



A performance door closer suitable for most environments, available in 4 finishes.



- Grade 304 solid satin stainless steel
- Satin stainless steel effect plate (pictured)
- Polished stainless steel effect plate
- Polished brass effect plate



Function 1. This closer is wired into the fire alarm system and will hold the door open, usually at an angle 90°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and behave as a normal door closer.



Function 2. The closer will remain inactive during normal use and the door will “swing free” while is is receiving power. When the power is cut it will close the door automati-cally and behave as a normal door closer.



The same unit can perform both functions, it is set via a switch on the closer’s body.

Power range is fixed a EN 4 unless the closer is receiving power.

Adjustable closing and latching speeds.



For doors up to 1100mm wide with an opening angle of up to 180°.

Non-electro magnetic versions of this door closer are available (on pages xx). All ver-sions are aesthetically identical with the exception of the visible power transfer.



EN1155

Prod Code
CL73-X

Commerce Range (EN 2-4)



CE Performance rack and pinion door closer for doors subject to a high frequency of care-less use.

A performance door closer suitable for most environments.

FD 30 Available in a unique satin, metallic silver finish that matches up very well to satin an-odised aluminium ironmongery, but does not look at all out of place with satin stainless steel ironmongery.

FD 60 Power range is EN 2-4 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Docu-ment B.

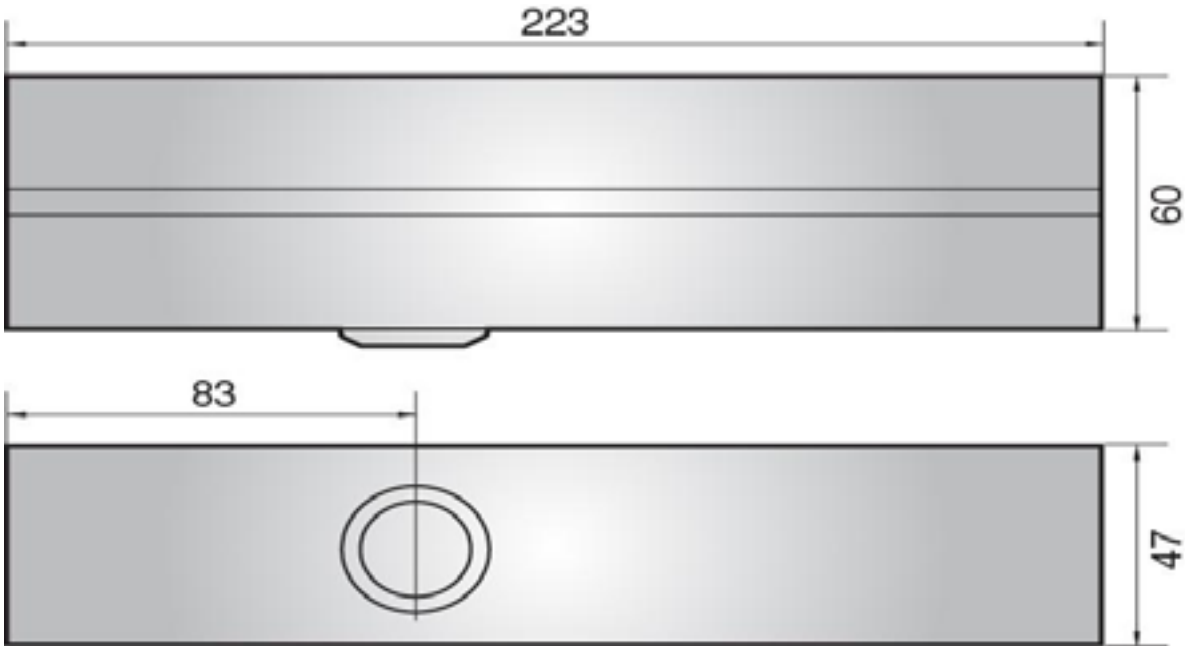
10 Adjustable closing and latching speeds.

Adjustable backcheck as standard.

80 Adjustable delayed action as an option.

For doors up to 1100mm wide with an opening angle of up to 180°.

A stronger version of this door closer is available (on pages xx) for larger doors or doors subject to wind forces. Both versions are aesthetically identical, although dimensionally different.



EN1154

Prod Code
CL5200A

Commerce Range (EN 3-6)



Performance rack and pinion door closer for doors subject to a high frequency of careless use.

A performance door closer suitable for most environments.



Available in a unique satin, metallic silver finish that matches up very well to satin anodised aluminium ironmongery, but does not look at all out of place with satin stainless steel ironmongery.



Power range is EN 3-6 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Adjustable closing and latching speeds.

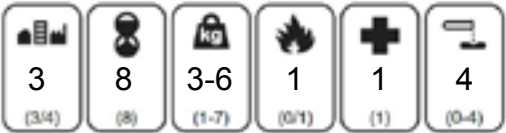
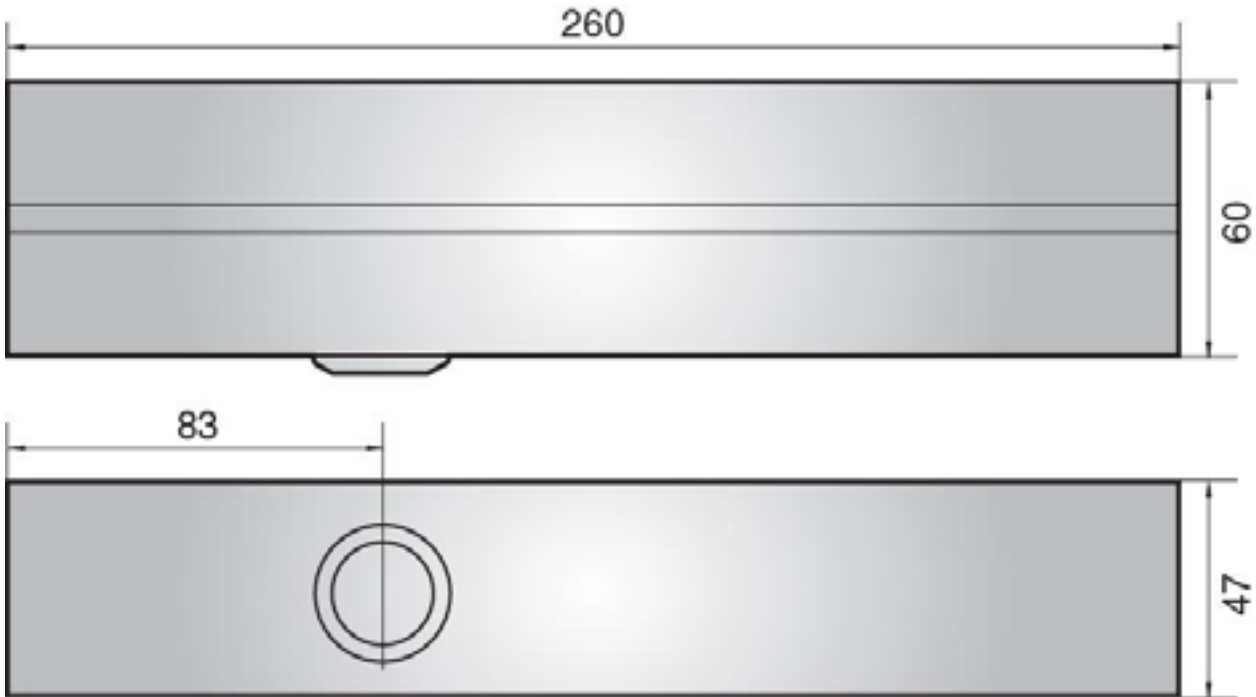
Adjustable backcheck as standard.



Adjustable delayed action as an option.

For doors up to 1400mm wide with an opening angle of up to 180°.

A less powerful version of this door closer is available (on pages xx) for internal doors. Both versions are aesthetically identical, although dimensionally different.





EN1154


Prod Code
CL5300A


Base Range





- 

A basic rack and pinion door closer for doors subject to medium frequency of careful use.
- 

Suitable for domestic environments.
- 

Available in a silver spray finish, or gold spray finish. A stainless steel effect cover is available for the silver spray version to help improve the aesthetics.
- 

Power range is fixed EN 3 and no adjustment to the strength is possible. The power of this door closer can **not** be adjusted at all to assist in reconciling Approved Document M and Approved Document B.
- 

Adjustable closing and latching speeds.
- 

For doors up to 950mm wide with an opening angle of up to 180°.



EN1154

Colour	Prod Code
Silver	CL70A
Gold	CL70B
SNP Cover Only	CL70ASNP

Vintage Range (3)



Brand new, retro door closers for doors subject to a high frequency of careless use.

The original door closer still manufactured in the UK, which is included in our range to help achieve certain interior design criteria.



Available in three finishes.

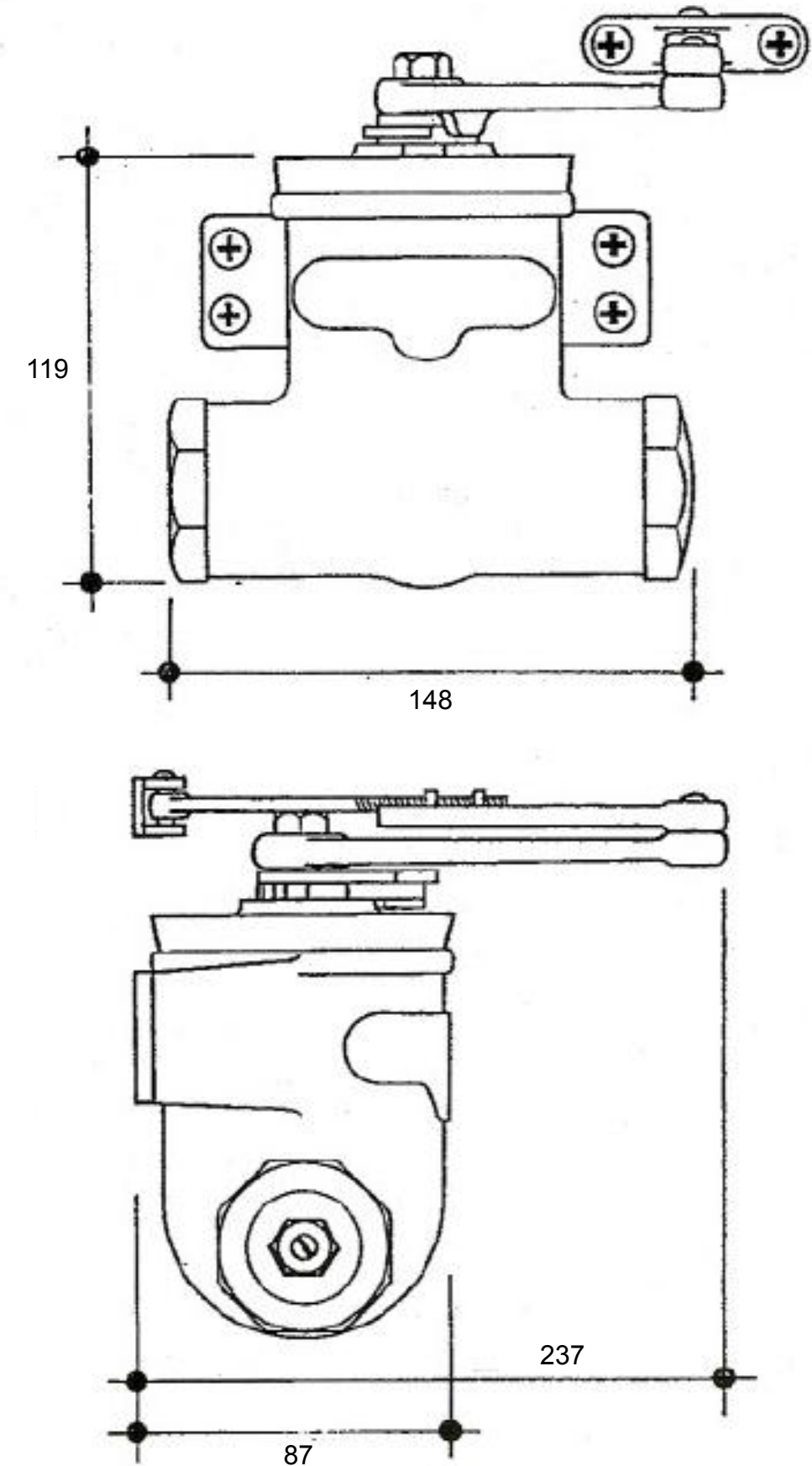
- Silver Spray
- Bronze brown spray (pictured)
- Gold spray

Power range is fixed EN 3 and no power adjustment is possible. The power of this door closer can **not** be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.

Adjustable closing speed.

For doors up to 910mm wide with an opening angle of up to 120°.

Whilst closers such as these have been closing fire doors for many years, they are not CE marked, tested to EN1154 or fire tested, and special consideration must be given to this if it is the intention to use these closers on designated fire and/or smoke doors.



Prod Code

CL43-X-X

Vintage Range (4)



10

Brand new, retro door closers for doors subject to a high frequency of careless use.

The original door closer still manufactured in the UK, which is included in our range to help achieve certain interior design criteria.

60

Available in three finishes.

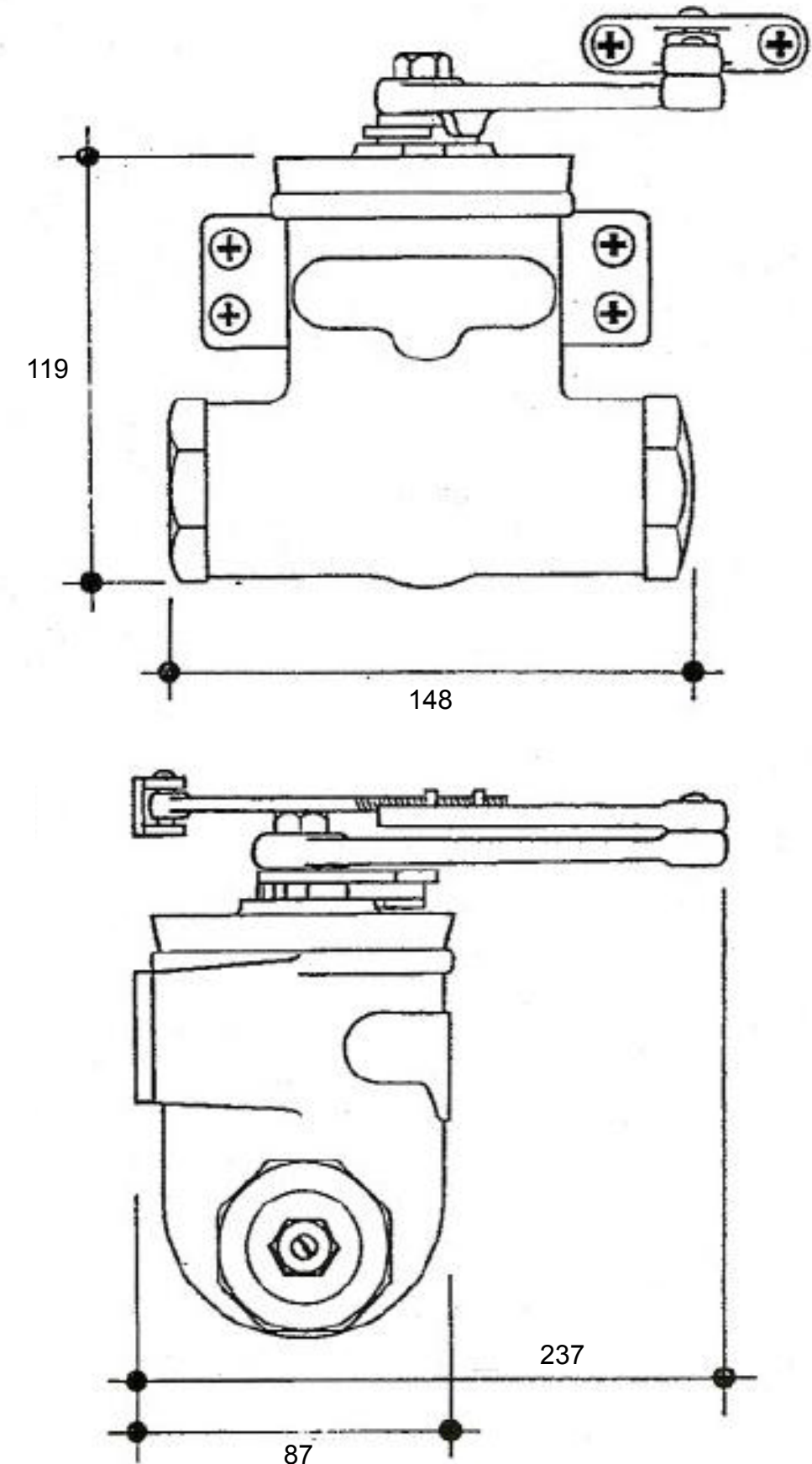
- Silver Spray
- Bronze brown spray (pictured)
- Gold spray

Power range is fixed EN 3 and no power adjustment is possible. The power of this door closer can **not** be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.

Adjustable closing speed.

For doors up to 1060mm wide with an opening angle of up to 120°.

Whilst closers such as these have been closing fire doors for many years, they are not CE marked, tested to EN1154 or fire tested, and special consideration must be given to this if it is the intention to use these closers on designated fire and/or smoke doors.



Prod Code

CL44-X-X

FS400 Range (EN 1-4)



High performance, double cam and roller floor spring for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance floor spring suitable for public sector environments such as social housing, education and health care as well as commercial environments.

Power range is EN 1-4 and adjustment is by spring, the power of this floor spring can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Available in three finishes.

- Satin stainless steel
- Polished stainless steel
- Polished brass



Adjustable closing speed, latching speed and backcheck as standard.

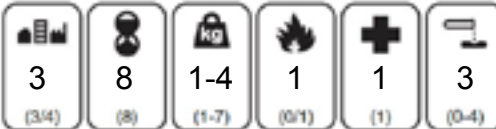
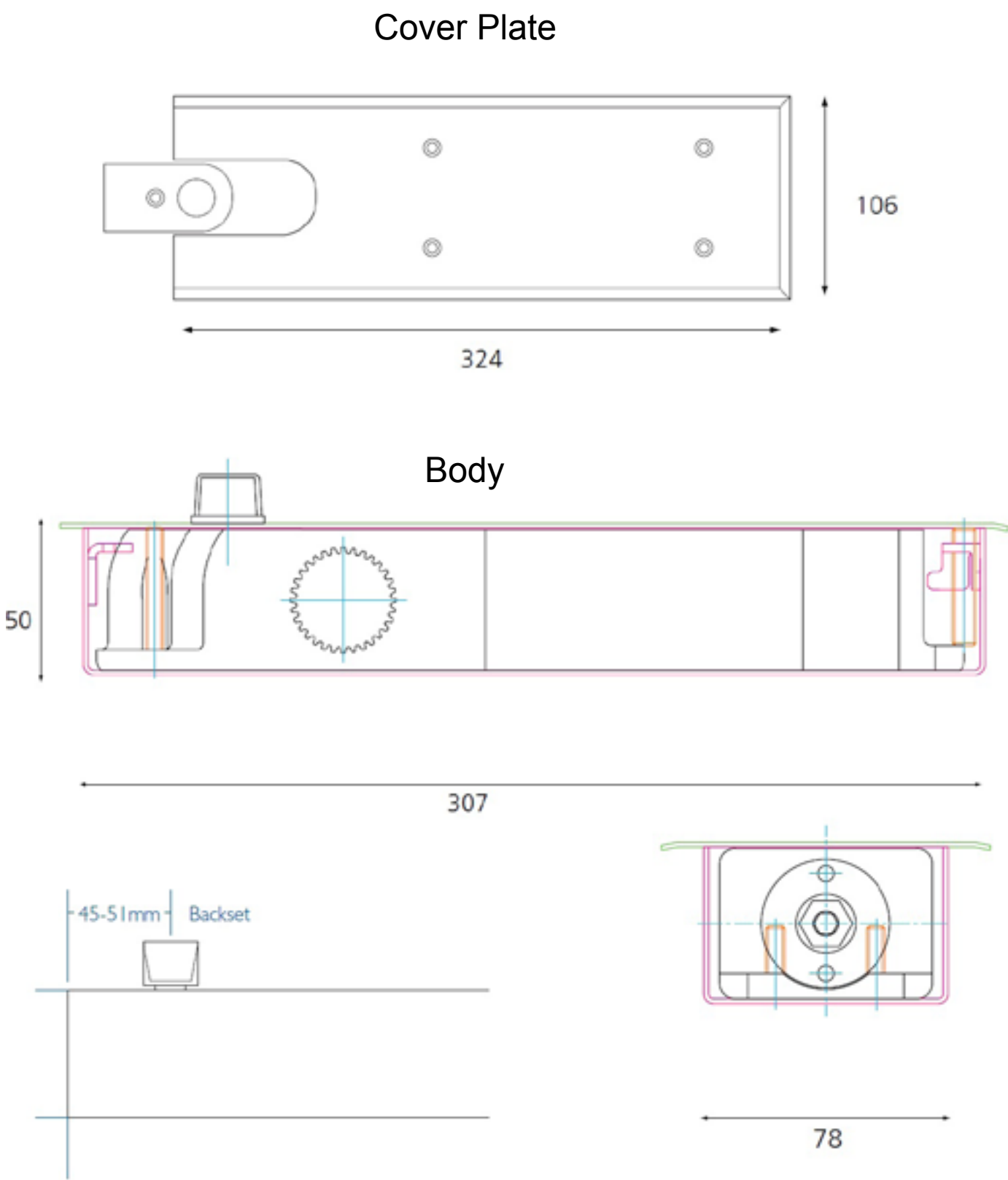


Adjustable delayed action as an option.

Hold open as an option.

Water resisting gel pack as an option.

For doors up to 1100mm wide with an opening angle of up to 180°.



EN1154

Action	Hold Open	Prod Code
Double	No	FSKIT-1011-X
	Yes	FSKIT-1012-X
Single	No	FSKIT-1013-X
	Yes	FSKIT-1014-X

FS400 Range (EN 1-6)



High performance, double cam and roller floor spring for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance floor spring suitable for public sector environments such as social housing, education and health care as well as commercial environments.

Power range is EN 1-6 and adjustment is by spring, the power of this floor spring can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Available in three finishes.

- Satin stainless steel
- Polished stainless steel
- Polished brass



Adjustable closing speed and latching speed and backcheck as standard.

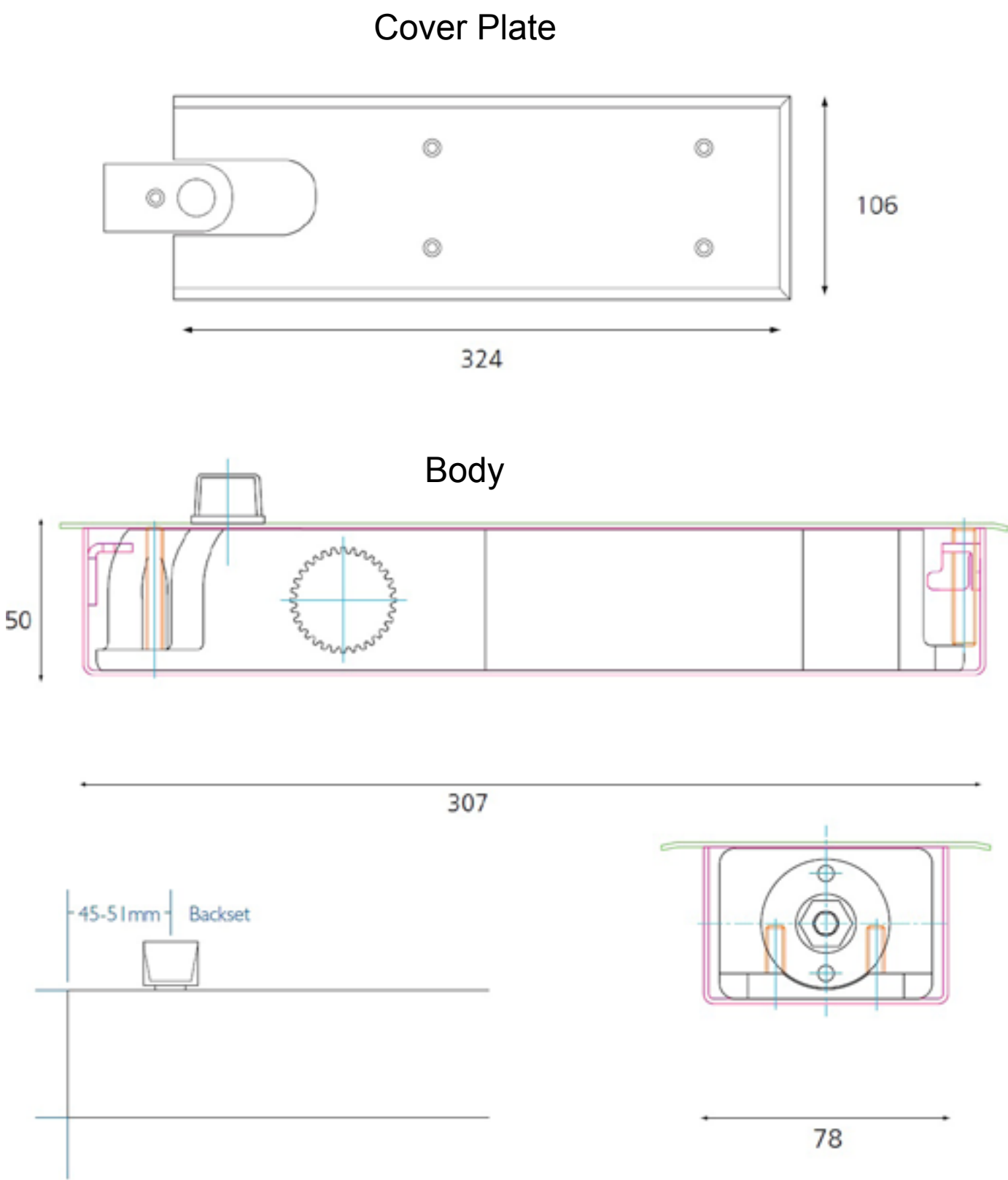


Adjustable delayed action as an option.

Hold open as an option.

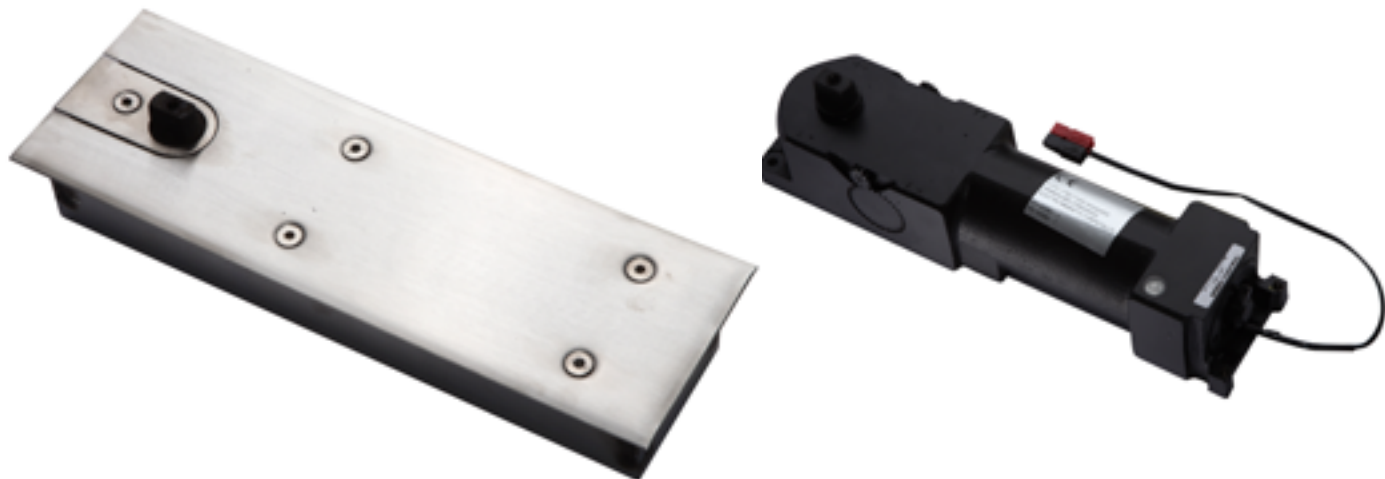
Water resisting gel pack as an option.

For doors up to 1400mm wide with an opening angle of up to 180°.



Action	Hold Open	Prod Code
Double	No	FSKIT-2011-X
	Yes	FSKIT-2012-X
Single	No	FSKIT-2013-X
	Yes	FSKIT-2014-X

FS400 Range - Electro Magnetic



High performance, double cam and roller, 24 volt, electro magnetic floor spring for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance floor spring suitable for public sector environments such as social housing, education and health care as well as commercial environments.

This closer is wired into the fire alarm system and will hold the door open, usually at an angle 90°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and behave as a normal door closer.



Power range is fixed EN 4 unless the closer is receiving power.



Available in three finishes.

- Satin stainless steel
- Polished stainless steel
- Polished brass

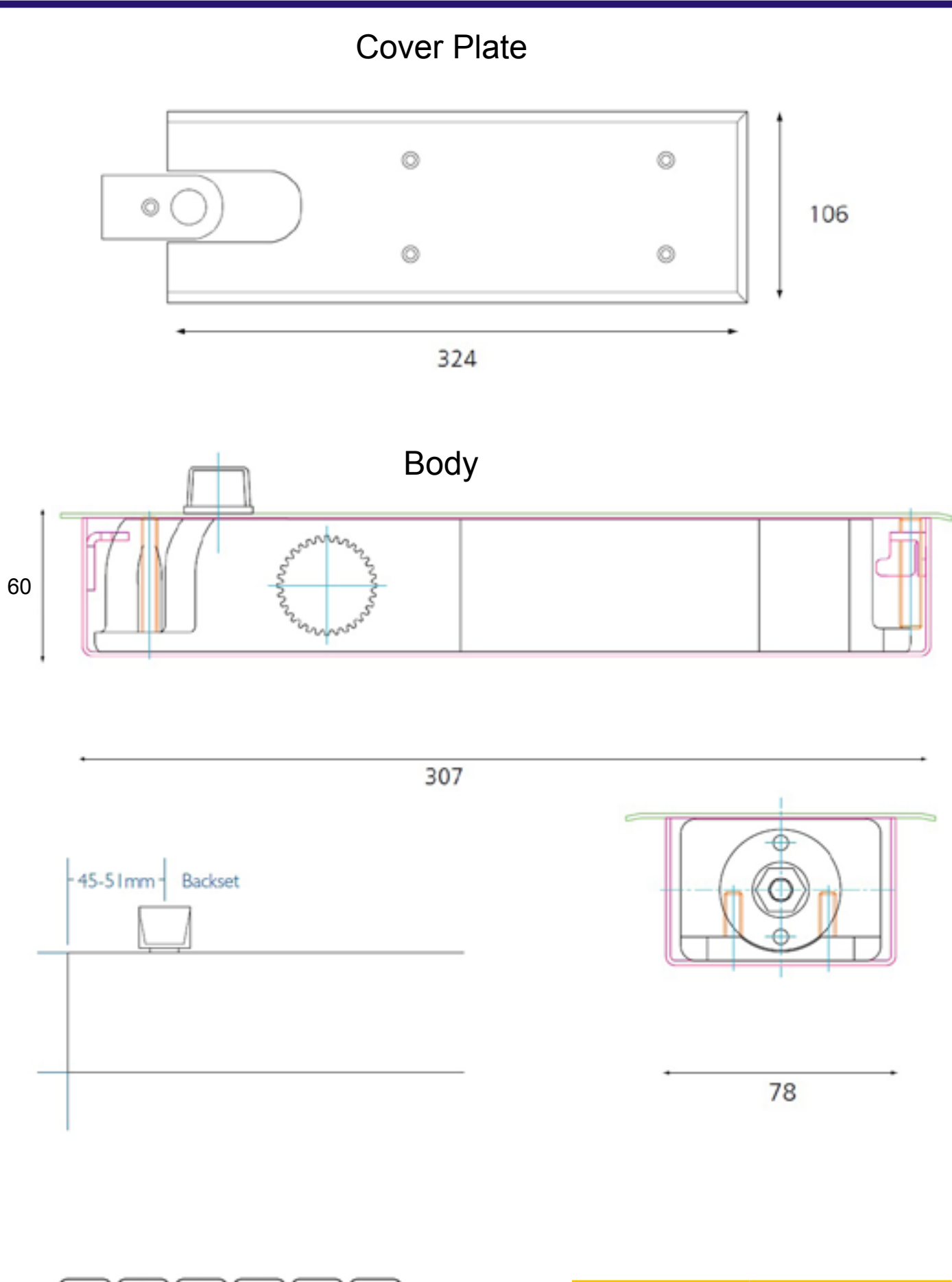


Adjustable closing speed, latching speed and backcheck as standard.

Adjustable delayed action as an option.

Water resisting gel pack as an option.

For doors up to 1100mm wide with an opening angle of up to 180°.



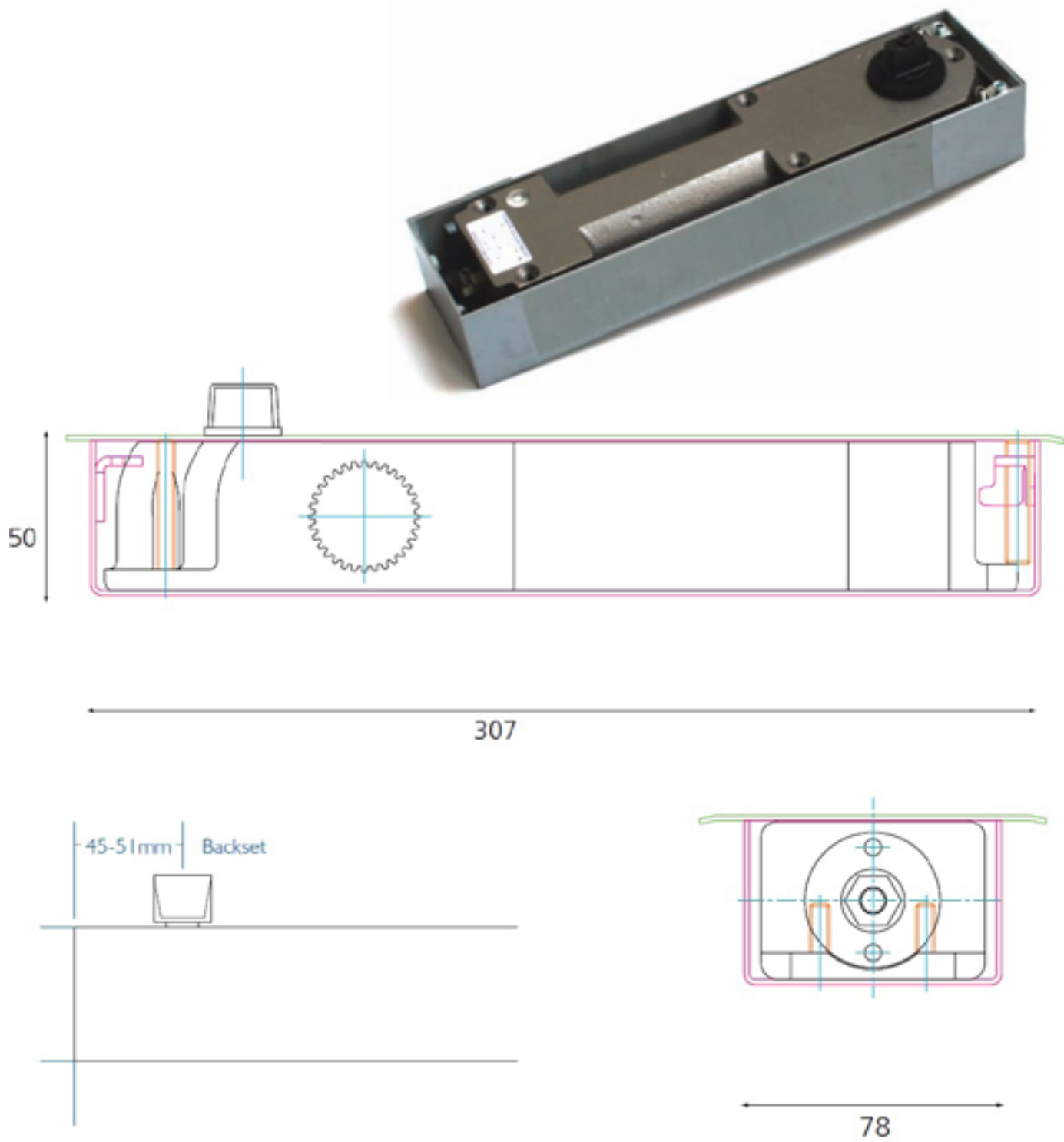
EN1155

Action	Prod Code
Double	FSKIT-3011-X
Single	FSKIT-3012-X

FS400 Range Components



Components for our FS400 range of floor springs.
Extended spindle height is available upon request.



Power	Action	Hold Open	Prod Code
EN 1-4	Single/Double	No	FS9000S
		Yes	FS9000S-HO
EN 1-6	Single/Double	No	FS9000
		Yes	FS9000-HO

FS400 Range Components (Cont'd)

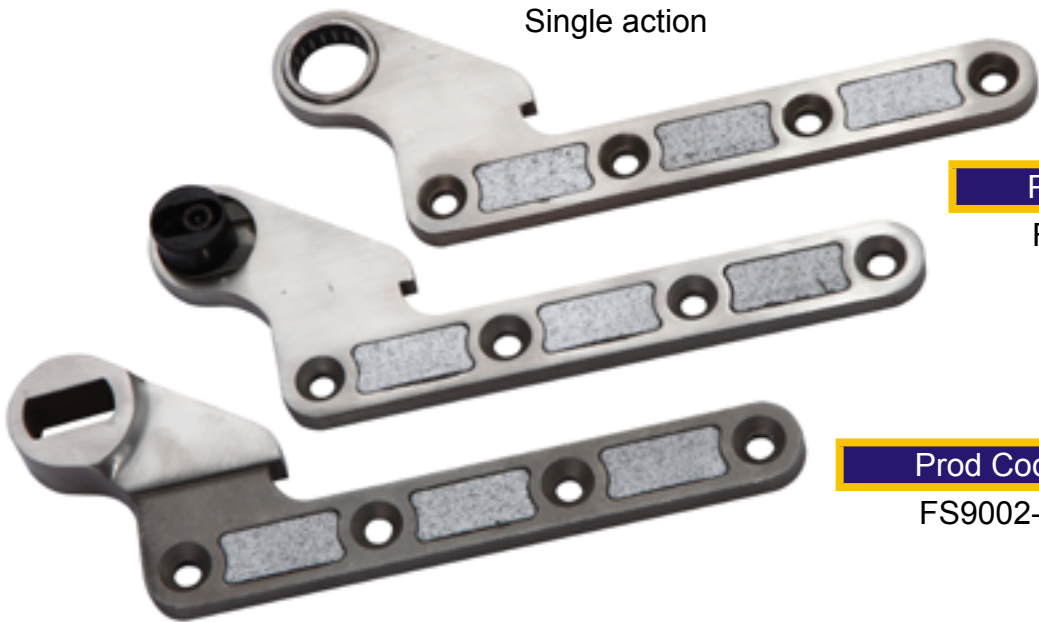
Double action



Prod Code
FS9005-X

Prod Code
FS9004-BZP

Single action



Prod Code
FS9003-X

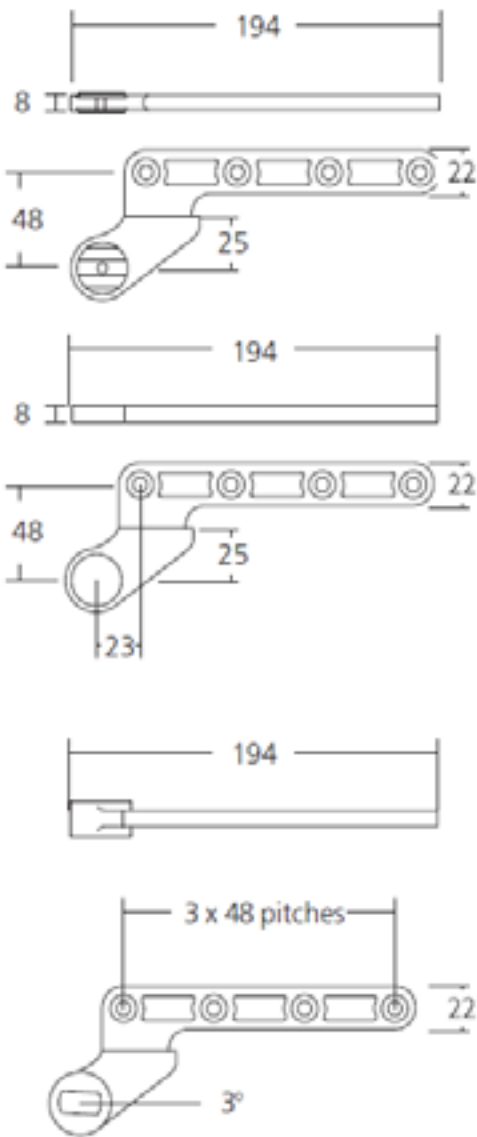
Prod Code
FS9002-X



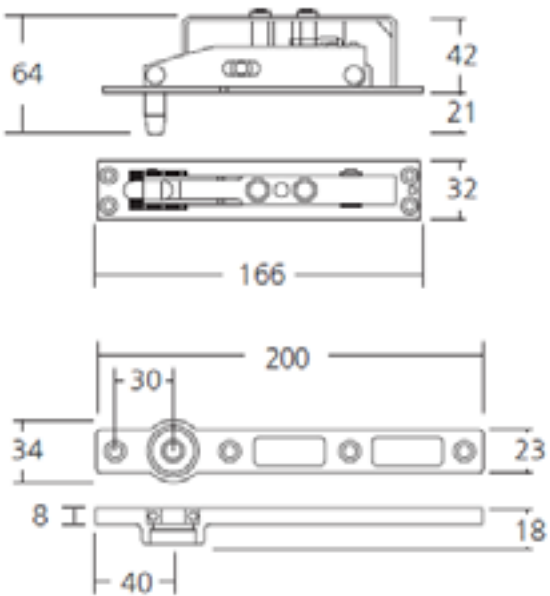
Cover plates

Prod Code
FS9001-X

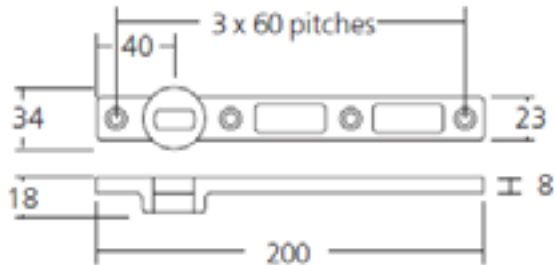
Single Action



Top Centres and Straps



Bottom Straps



Cover



Cover Plate



WT10 Range (EN 3)



Performance cam and roller floor spring for doors subject to a high frequency of care-less use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A performance floor spring suitable for most environments.

Power is fixed EN 3 and no power adjustment is possible.

This product comes complete with all necessary straps and fixings for single or double action doors.



Available in two finishes.

- Satin stainless steel
- Polished brass



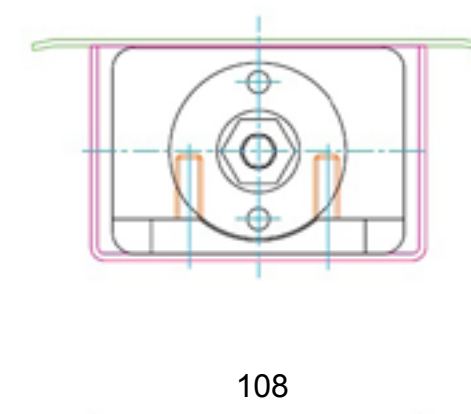
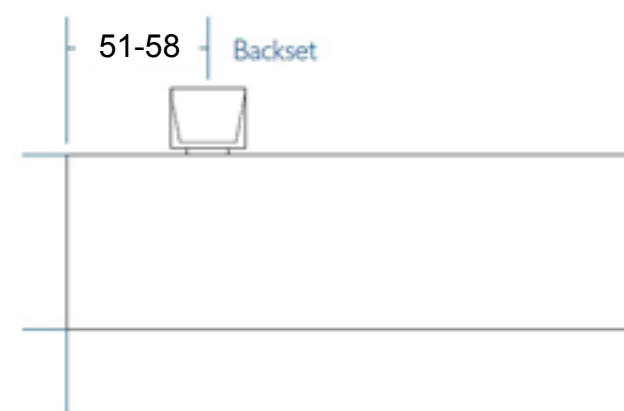
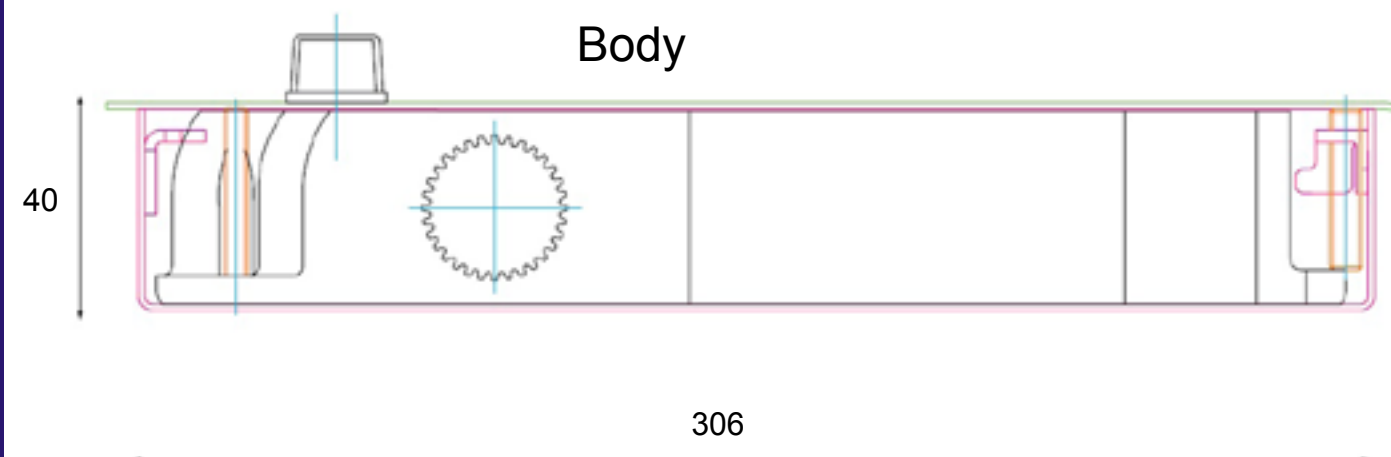
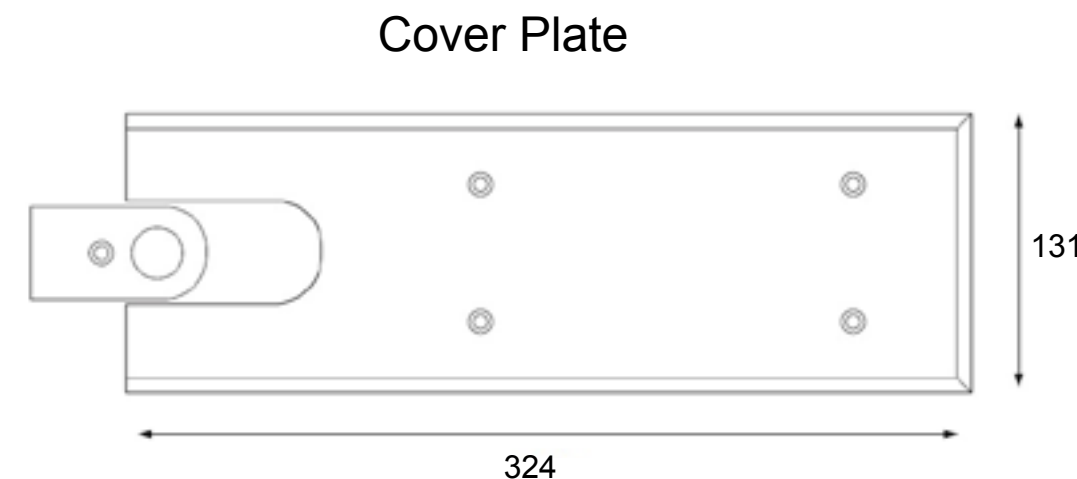
Adjustable closing and latching speeds.

Adjustable backcheck as standard.



Hold open as an option.

For doors up to 950mm wide with an opening angle of up to 130°.



EN1154

Prod Code

FS72-X

WT10 Range (EN 4)



Performance cam and roller floor spring for doors subject to a high frequency of care-less use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A performance floor spring suitable for most environments.

Power is fixed EN 4 and no power adjustment is possible.

This product comes complete with all necessary straps and fixings for single or double action doors.



Available in two finishes.

- Satin stainless steel
- Polished brass



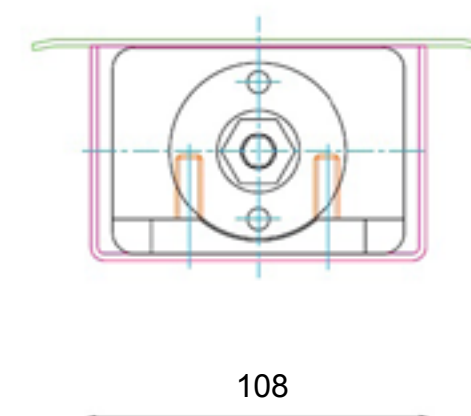
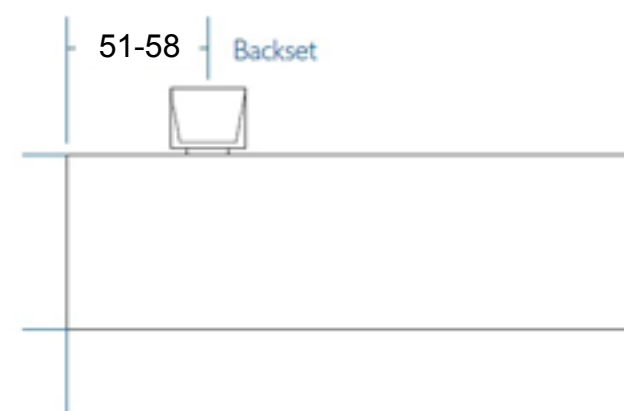
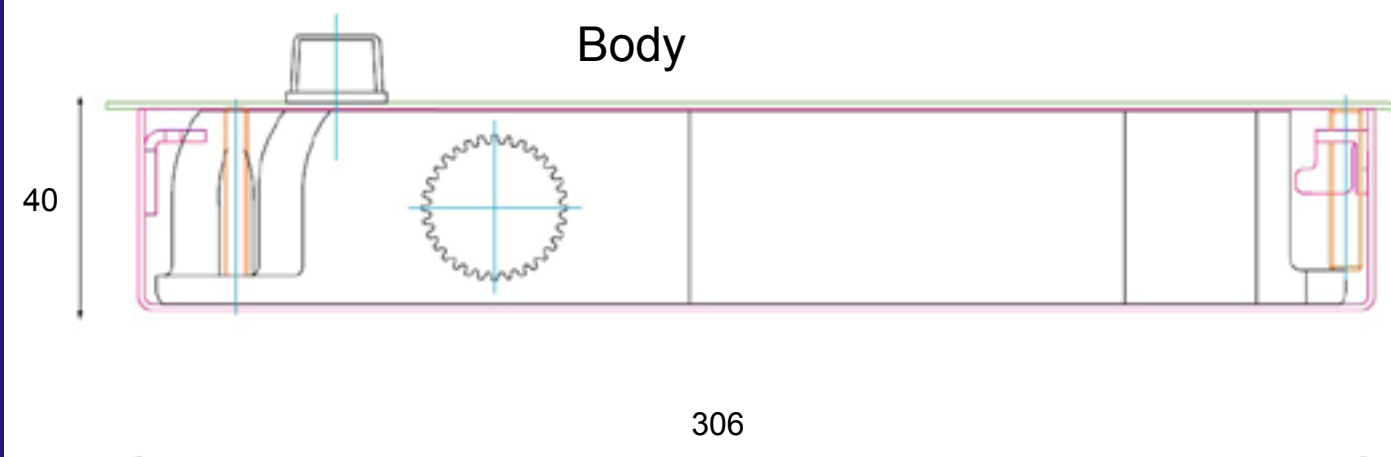
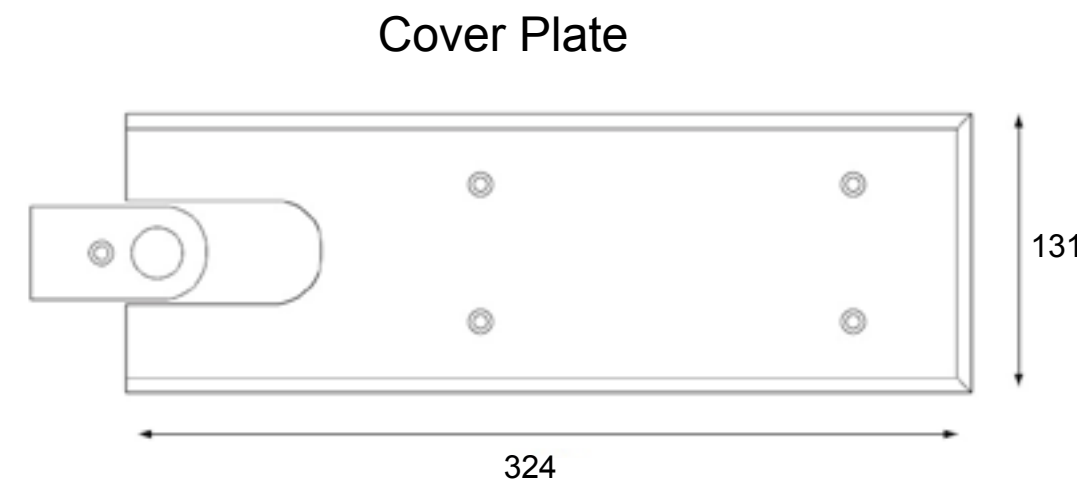
Adjustable closing and latching speeds.



Adjustable backcheck as standard.

Hold open as an option.

For doors up to 1400mm wide with an opening angle of up to 130°.



EN1154

Prod Code

FS73-X

WT10 Range - Electro Magnetic



Performance cam and roller, 24 volt, electro magnetic floor spring for doors subject to a high frequency of careless use.



Cam and roller technology allows the floor spring to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



This closer is wired into the fire alarm system and will hold the door open, usually at an angle 90°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and behave as a normal door closer.

Power range is fixed EN 4 unless the closer is receiving power.



This product comes complete with all necessary straps and fixings for single or double action doors.

Available in two finishes.



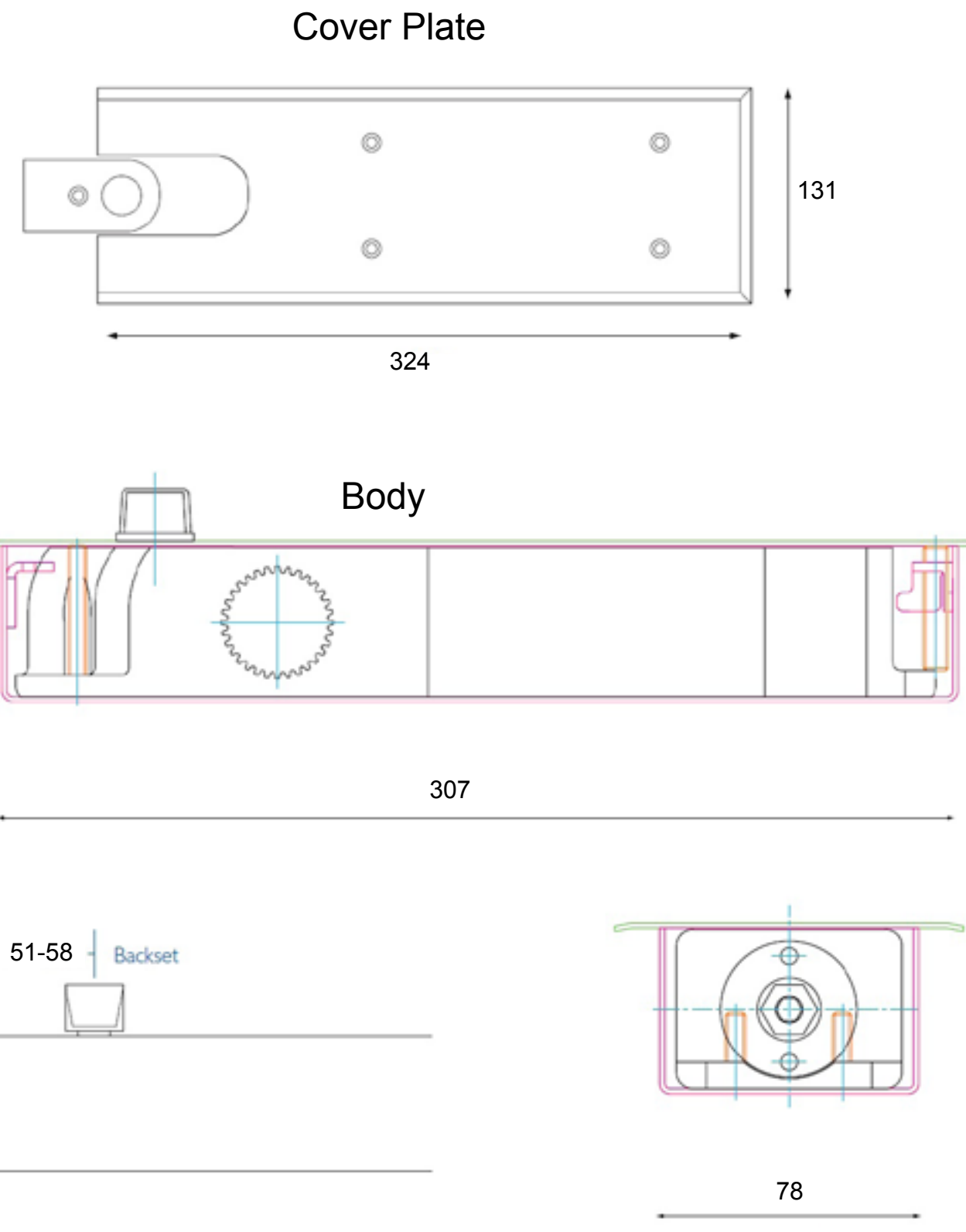
- Satin stainless steel
- Polished brass

Adjustable closing and latching speeds.



Adjustable backcheck as standard.

For doors up to 1400mm wide with an opening angle of up to 130°.



EN1155

Prod Code

FS74-X

TR Range (EN 1-4)



High performance cam and roller, concealed door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist greatly in meeting the requirements of The Equality Act 2010.



A high performance door closer suitable for most environments. Power range is EN 1-4 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



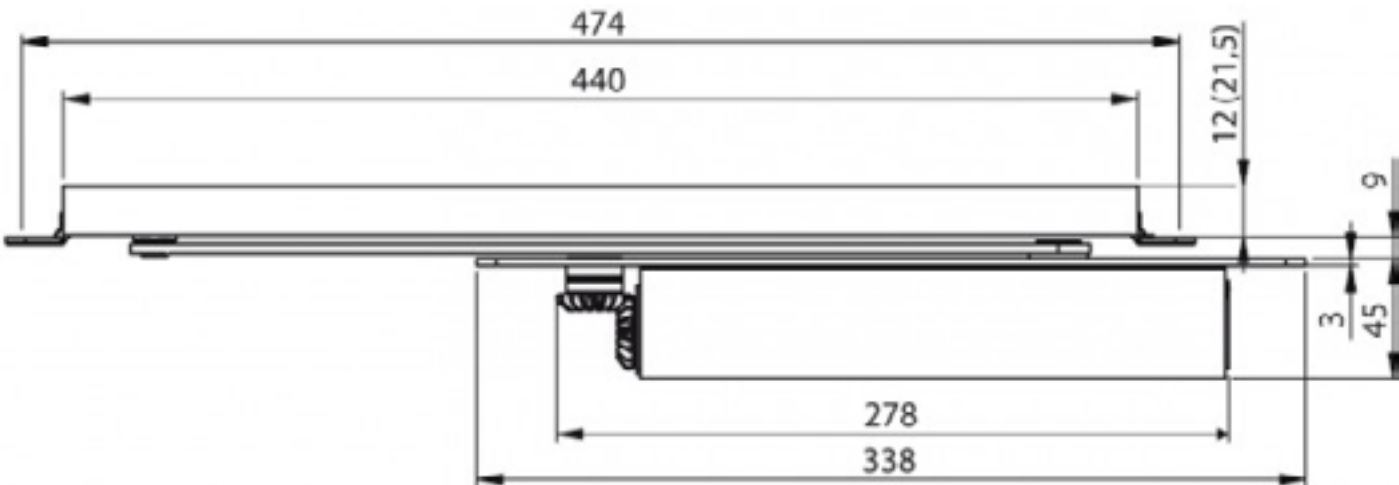
Adjustable closing and latching speeds.



Adjustable backcheck as standard. For doors up to 1100mm wide with an opening angle of up to 120°.



A stronger version of this door closer is available (on pages xx) for larger doors or doors subject to wind forces.



EN1154

Prod Code
CL9051

TR Range (EN 1-5)



High performance cam and roller, concealed door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist greatly in meeting the requirements of The Equality Act 2010.



Power range is EN 1-5 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



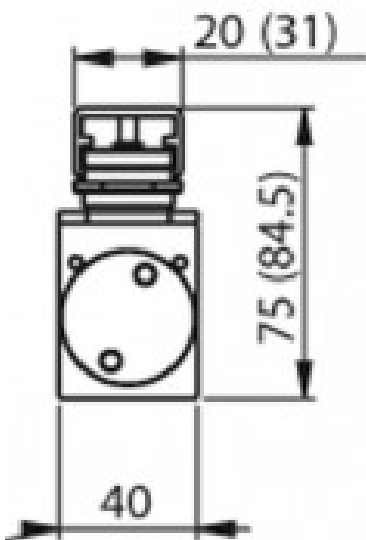
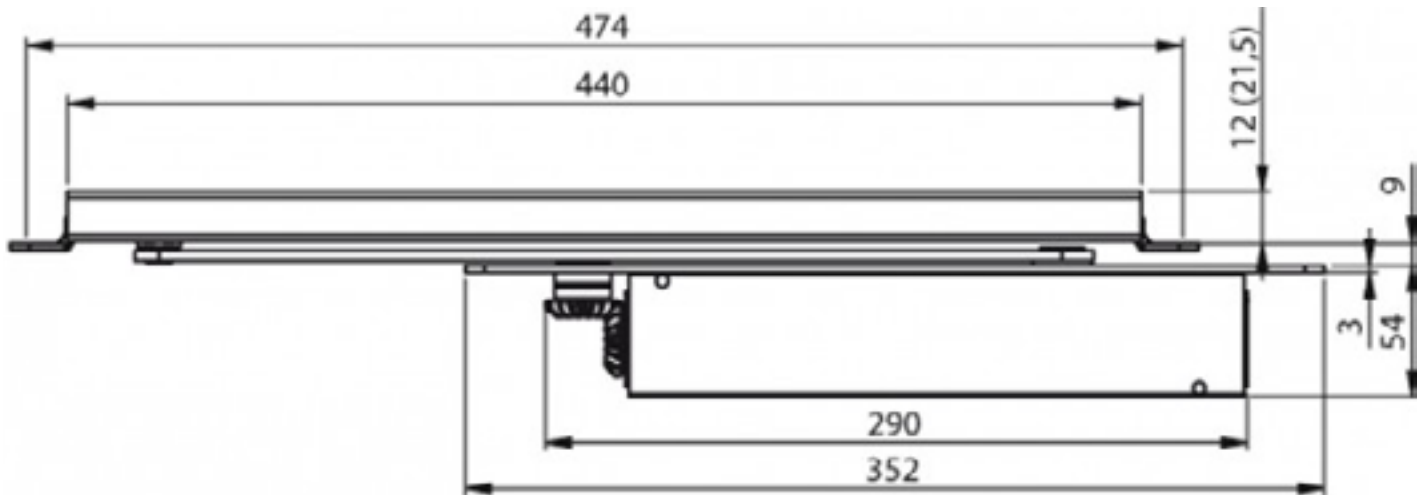
Adjustable closing and latching speeds.



For doors up to 1250mm wide with an opening angle of up to 120°.



A smaller version of this door closer is available (on pages xx) for lighter doors.



EN1154

Prod Code
CL9052

TR Range - Electro Magnetic



High performance cam and roller, concealed door closer for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist greatly in meeting the requirements of The Equality Act 2010.



A high performance door closer suitable for most environments.
This closer is wired into the fire alarm system and will hold the doors open at an angle between 70°-120°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and it will behave as a normal door closer.



Power range is fixed EN 3-6 unless the closer is receiving power.

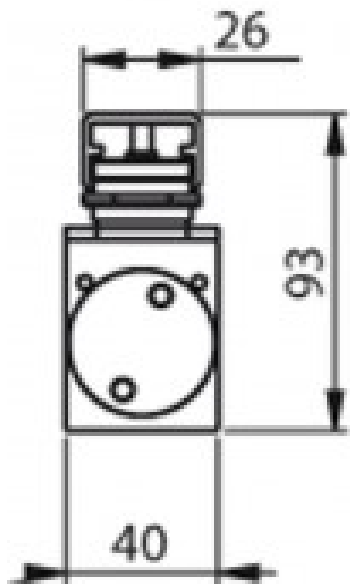
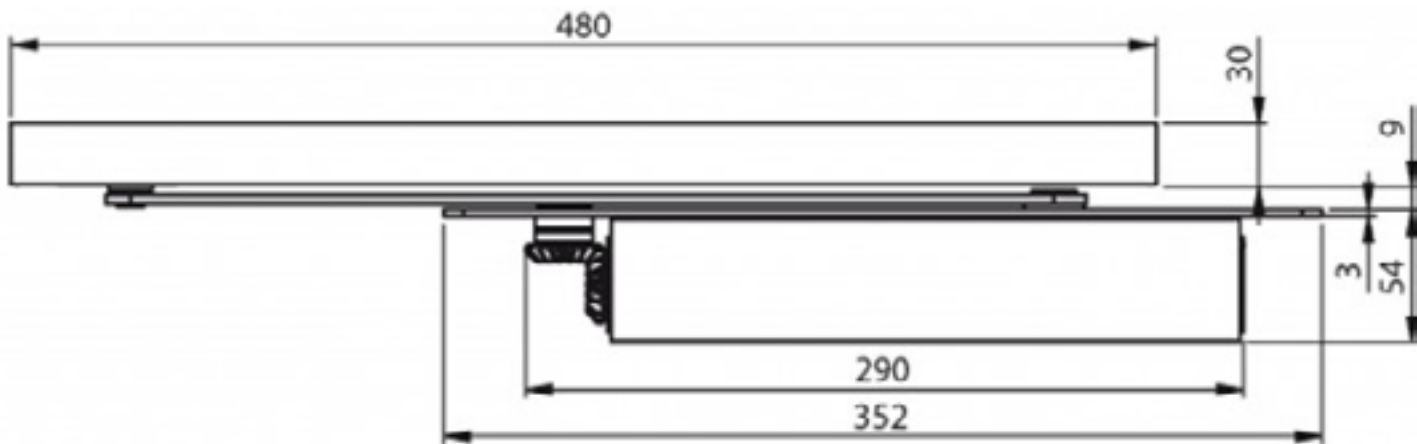


Adjustable closing and latching speeds.



Adjustable backcheck as standard.

For doors up to 1400mm wide with an opening angle of up to 120°.



EN1155

Prod Code
CL9053

TR Range - Double Doors



High performance cam and roller, concealed door closers for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance door closer system for ensuring the proper closing order for double rebated fire doors. Suitable for most environments.

Power range is EN 3-6 and adjustment is by spring, the power of this door closer can be adjusted in situ to assist in reconciling Approved Document M and Approved Document B.



Adjustable closing and latching speeds.

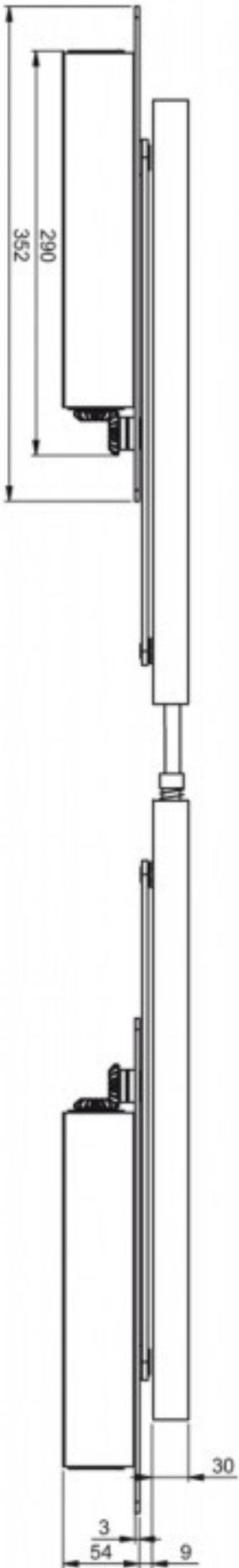
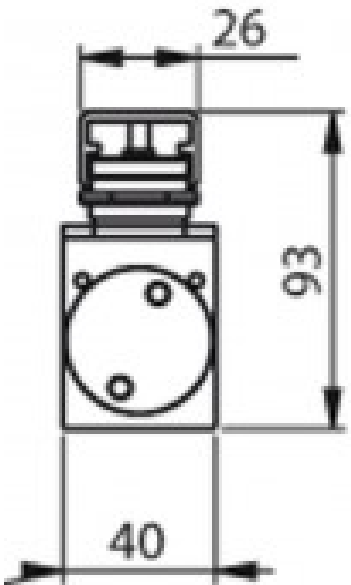
Adjustable backcheck as standard.



For doors up to 1400mm wide with an opening angle of up to 120°.



Hinge distance 1250 - 2800mm.



3
(3/4)

8
(8)

3-6
(1-7)

1
(0/1)

1
(1)

4
(0-4)

EN1154

3
(3/4)

8
(8)

3-6
(1-7)

1
(0/1)

1
(1)

3
(0-4)

EN1158

Prod Code
CL9054

TR Range - Double Doors - Electro Magnetic



High performance cam and roller, concealed, 24 volt, electro magnetic door closers for doors subject to a high frequency of careless use.



Cam and roller technology allows the closer to be very efficient, to assist in meeting the requirements of The Equality Act 2010.



A high performance electro magnetic door closer system for ensuring the proper closing order for double rebated fire doors. Suitable for public sector environments such as social housing, education and health care as well as commercial environments.



This closer is wired into the fire alarm system and will hold the doors open at an angle between 70°-120°, while it is receiving power. When the power is cut, say in the event of a fire, the door will close automatically and it will behave as a normal door closer.



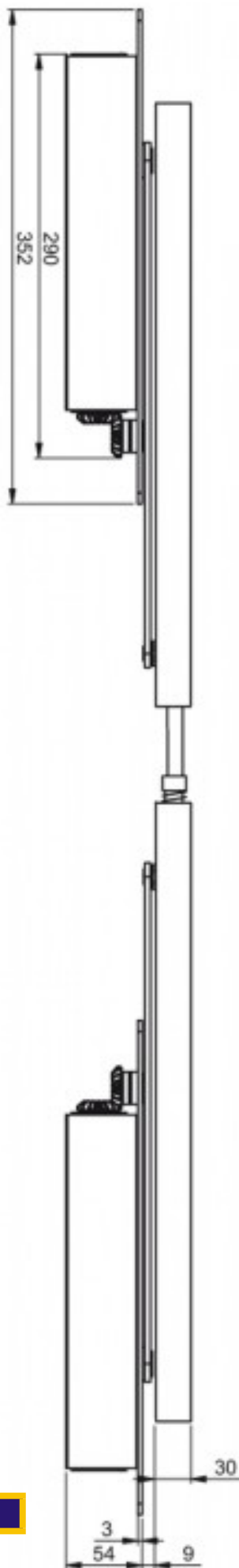
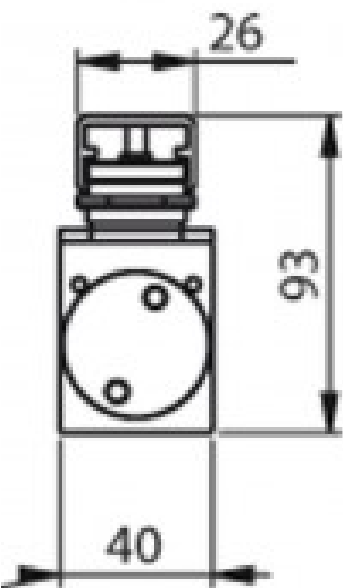
Adjustable closing and latching speeds.

Adjustable backcheck as standard.

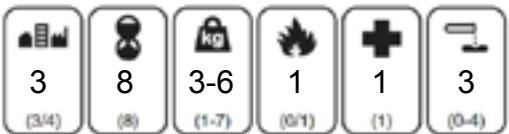


For doors up to 1400mm wide with an opening angle of up to 120°.

Hinge distance 1250 - 2800mm.



EN1155



EN1158

Prod Code
CL9055

HS+ Range



Performance concealed door closer for doors subject to a high frequency of careless use.

A performance door closer suitable for most environments.



Power range is fixed EN 3 and no adjustment to the strength is possible. The power of this door closer can **not** be adjusted at all to assist in reconciling Approved Document M and Approved Document B.



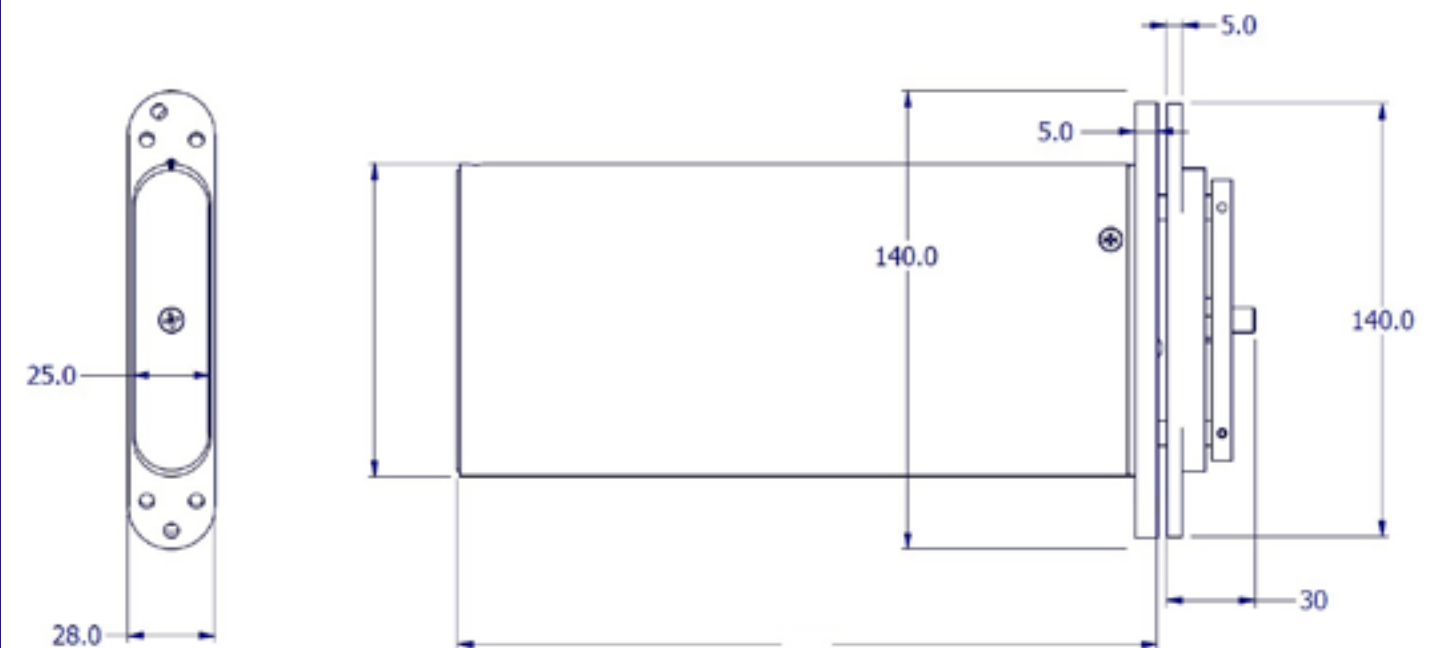
Available in nine finishes.



- Polished brass
- Polished chrome
- Satin chrome
- Bronze metal antique
- Bronze
- Matt black chrome
- Antique brass unlacquered
- Satin nickel plate (pictured)
- Polished nickel plate.

Adjustable closing and latching speeds.

For doors up to 950mm wide with an opening angle of up to xxx°.



EN1154

Prod Code
CL9061-X

HS+ Range - Electro Magnetic



Performance concealed, 24 volt, electro magnetic door closer for doors subject to a high frequency of careless use.

A performance door closer suitable for most environments.



The closer will remain inactive during normal use and the door will "swing free" while it is receiving power. When the power is cut it will close the door automatically and behave as a normal door closer.



Power range is fixed EN 3 unless the closer is receiving power.

Available in nine finishes.

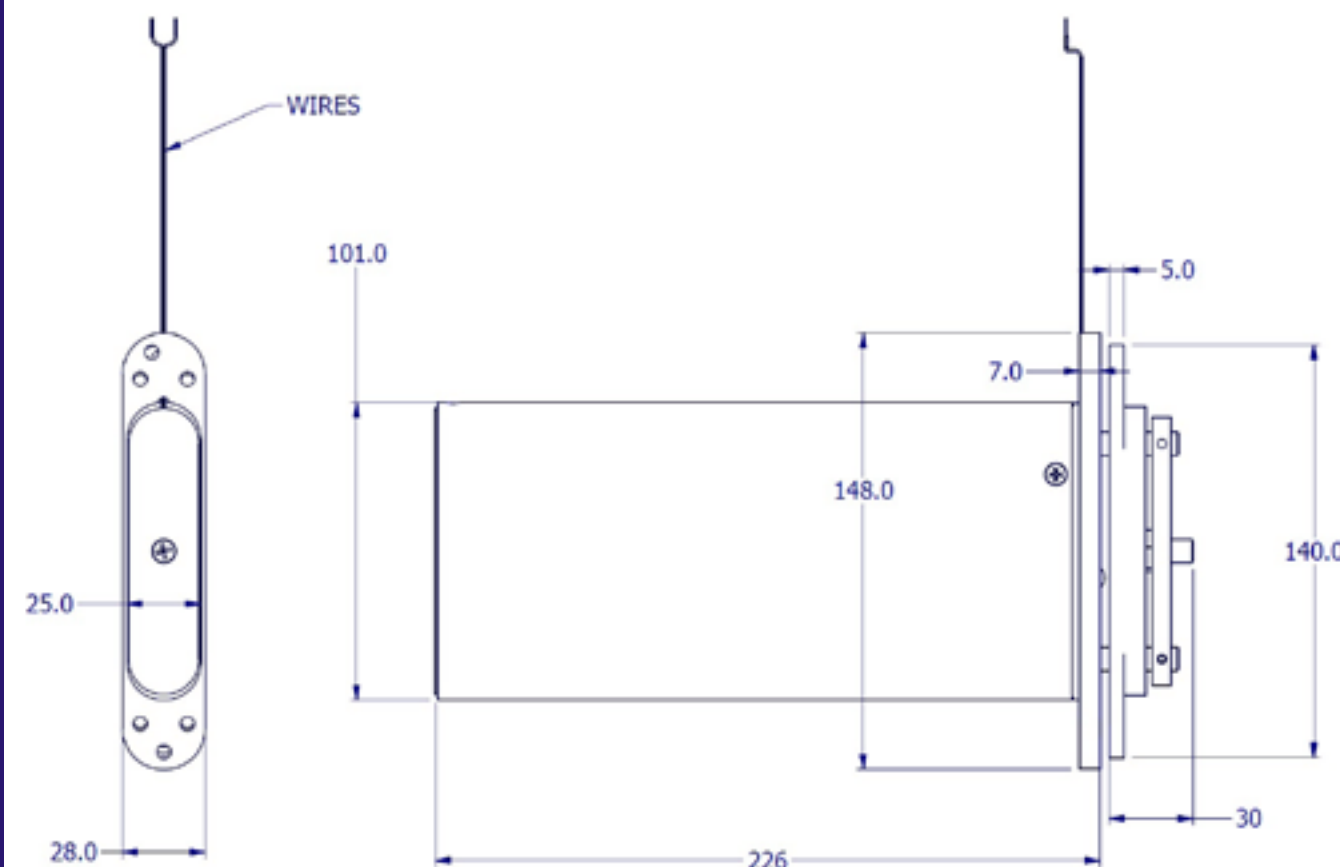


- Polished brass
- Polished chrome
- Satin chrome
- Bronze metal antique
- Bronze
- Matt black chrome
- Antique brass unlacquered
- Satin nickel plate (pictured)
- Polished nickel plate.



Adjustable closing and latching speeds.

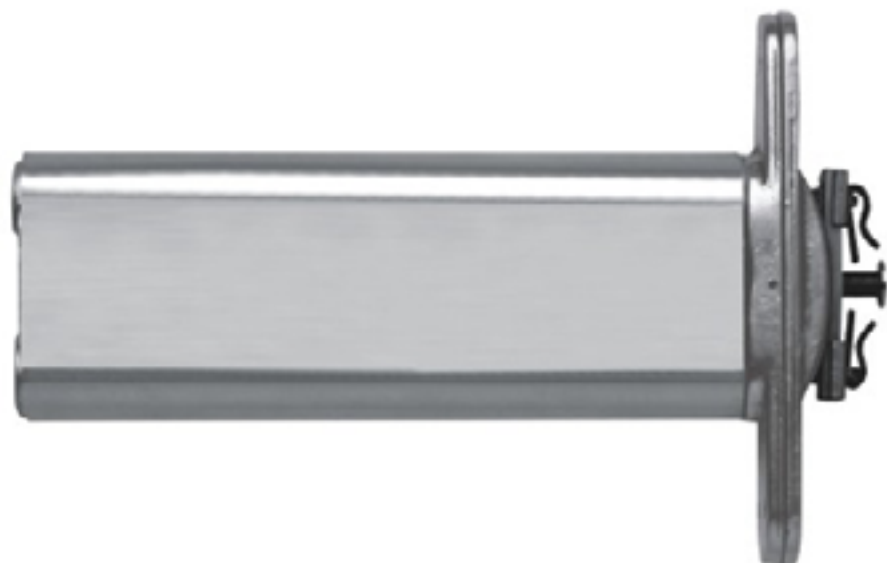
For doors up to 950mm wide with an opening angle of up to xxx°.



EN1155

Prod Code
CL9062-X

HS Range



A concealed door closer for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.



Power range is fixed EN 3 and no adjustment to the strength is possible. The power of this door closer can **not** be adjusted at all to assist in reconciling Approved Document M and Approved Document B.



Available in two finishes.

- Polished brass
- Satin chrome



Adjustable latching speed.

For doors up to 950mm wide with an opening angle of up to xxx°.

Please note, that although this door closer has had succesful fire tests and can be fitted to fire doors, this test is in relation to it being a morticed device. It would **not** constitute a “controlled door closing device” as required by The Building Act.

Finish	Prod Code
Satin Brass	CL09029
Satin Chrome	CL09001

HS Base Range



A concealed door closer for doors subject to medium frequency of use by people with a high incentive to exercise care.

Suitable for residential use.



Power range is fixed EN 3 and no adjustment to the strength is possible. The power of this door closer can **not** be adjusted at all to assist in reconciling Approved Document M and Approved Document B.

Available in three finishes.

- Polished brass
- Polished Chrome (pictured)
- Satin chrome

For lightweight doors with an opening angle of up to 120°.

Please note, that although this door closer has had succesful fire tests and can be fitted to fire doors, this test is in relation to it being a morticed device. It would **not** constitute a “controlled door closing device” as required by The Building Act.

Prod Code
CL01-X

EU Range

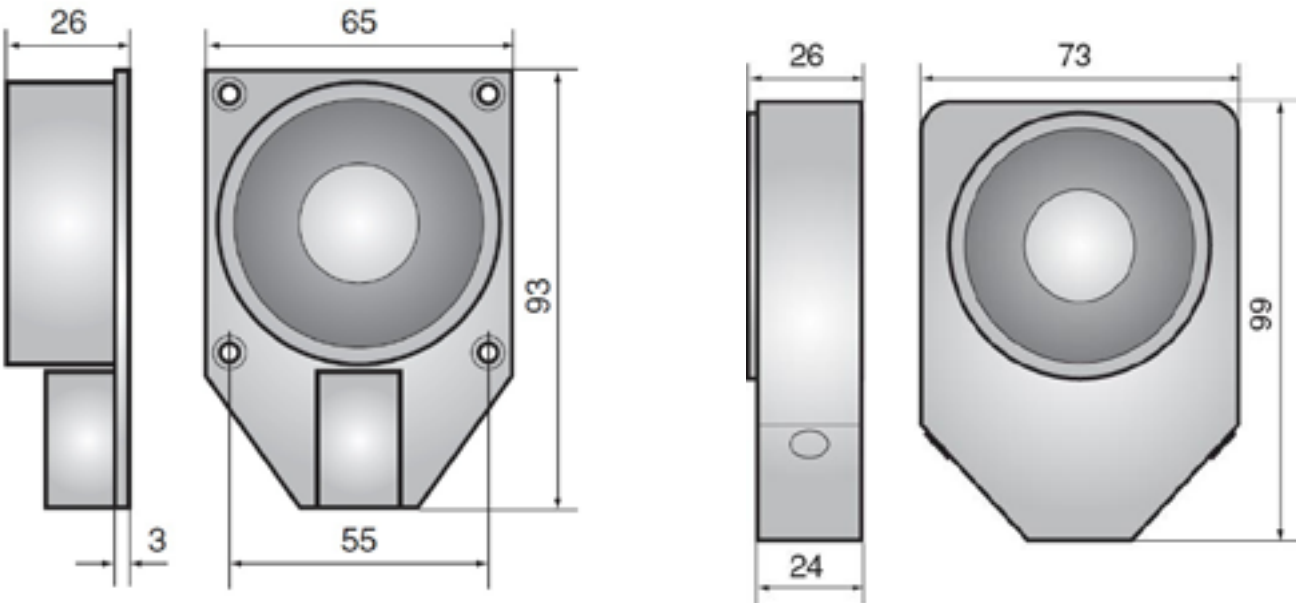


Very good quality, high performance, 24 volt magnets which are wired into the fire alarm system.
Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

When powered the magnets hold the door open, upon power being cut by the fire alarm system, say in the event of a fire, the magnets cut and the closing device closes the door.

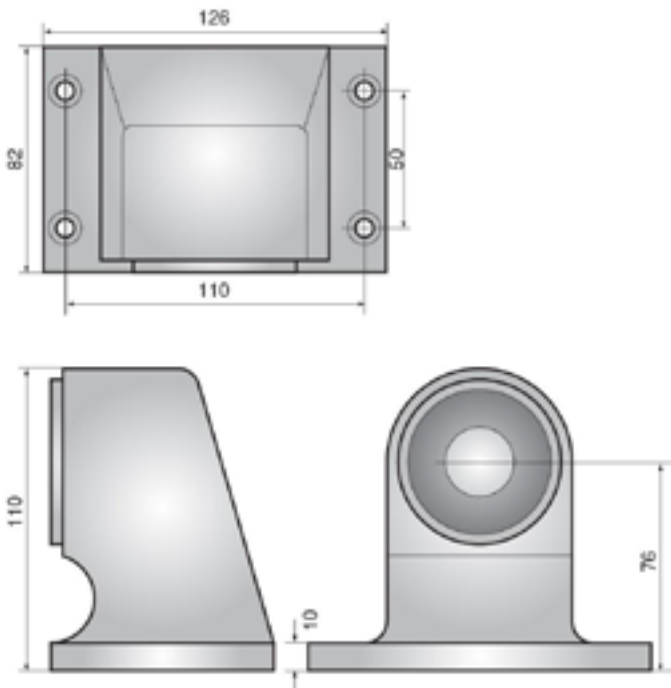
The magnets can also be cut by a remote button (page 88) the floor mounted versions have a manual over-ride button on the unit.

Succesfully type tested and certified to EN50081-1, EN50081-2, EN60529, EMC89/336/EEC.

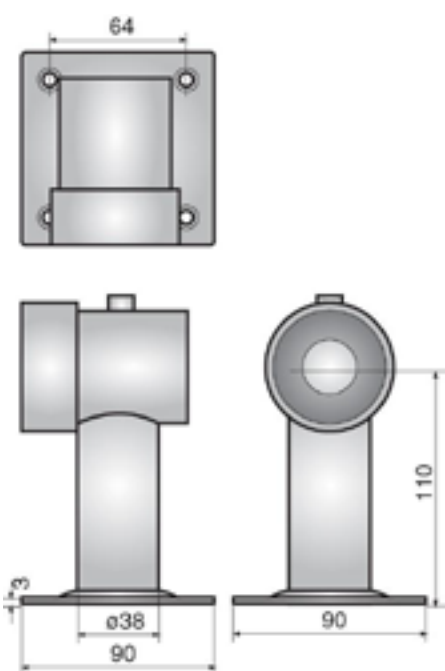


Description	Prod Code
Mortice	CL9071

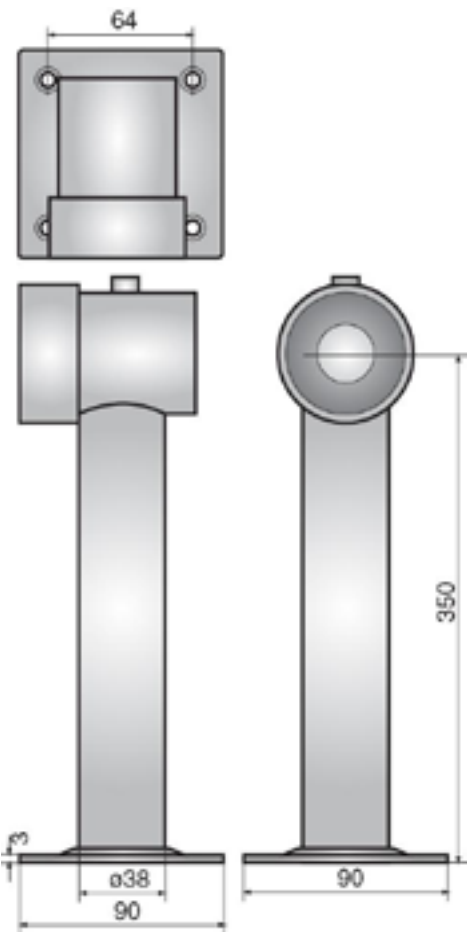
Description	Prod Code
Surface	CL9072



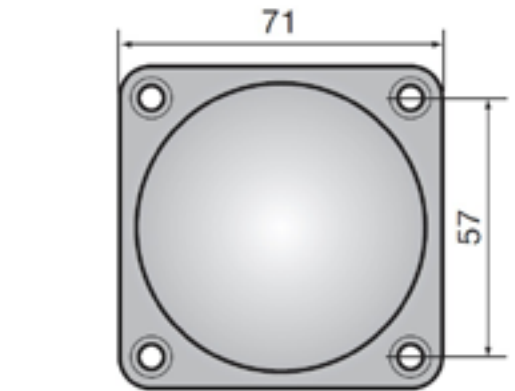
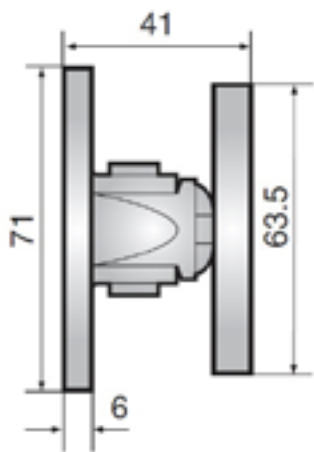
Description	Prod Code
76mm Floor	CL9073



Description	Prod Code
110mm Floor	CL9074



Description	Prod Code
350mm Floor	CL9075



Description	Prod Code
Armature	CL9076

Wall Mounted Metal



Performance 24 volt magnet which is wired into the fire alarm system.

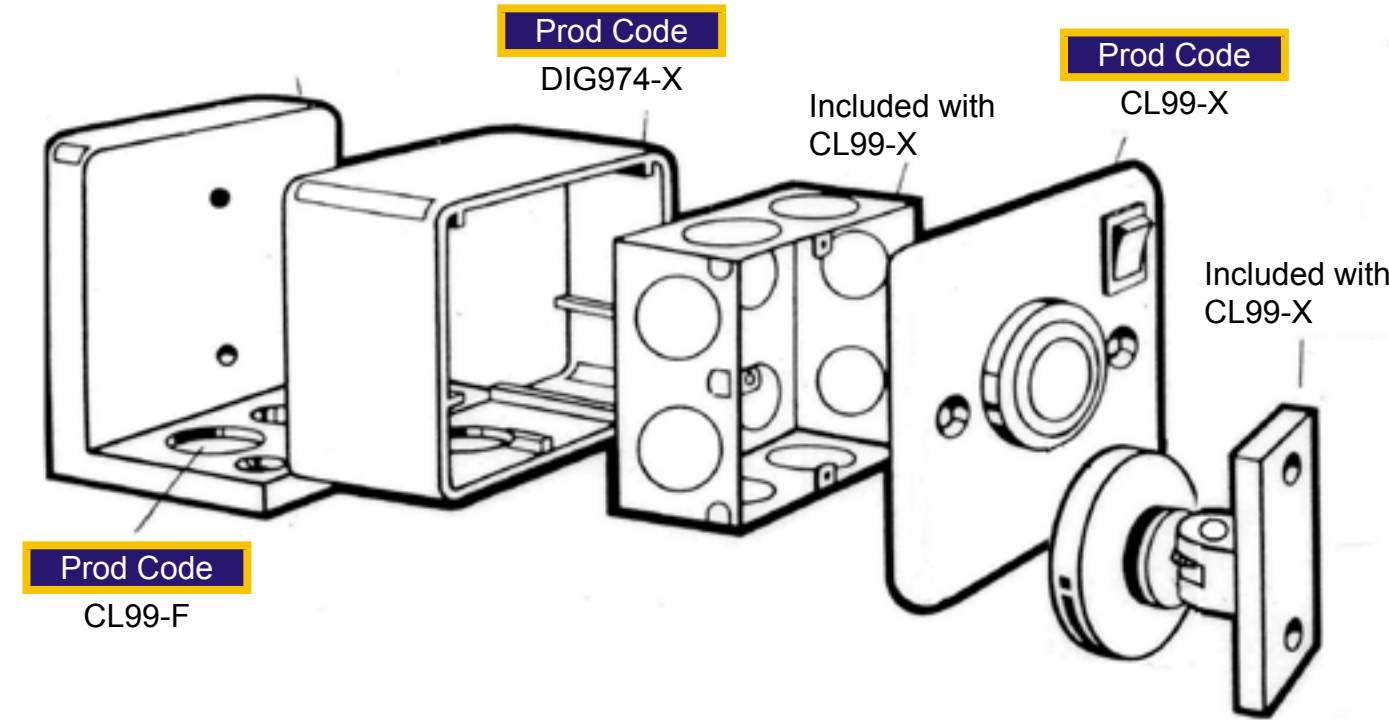
Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

When powered the magnet holds the door open, upon power being cut by the fire alarm system, say in the event of a fire, the magnet cuts and the closing device closes the door.

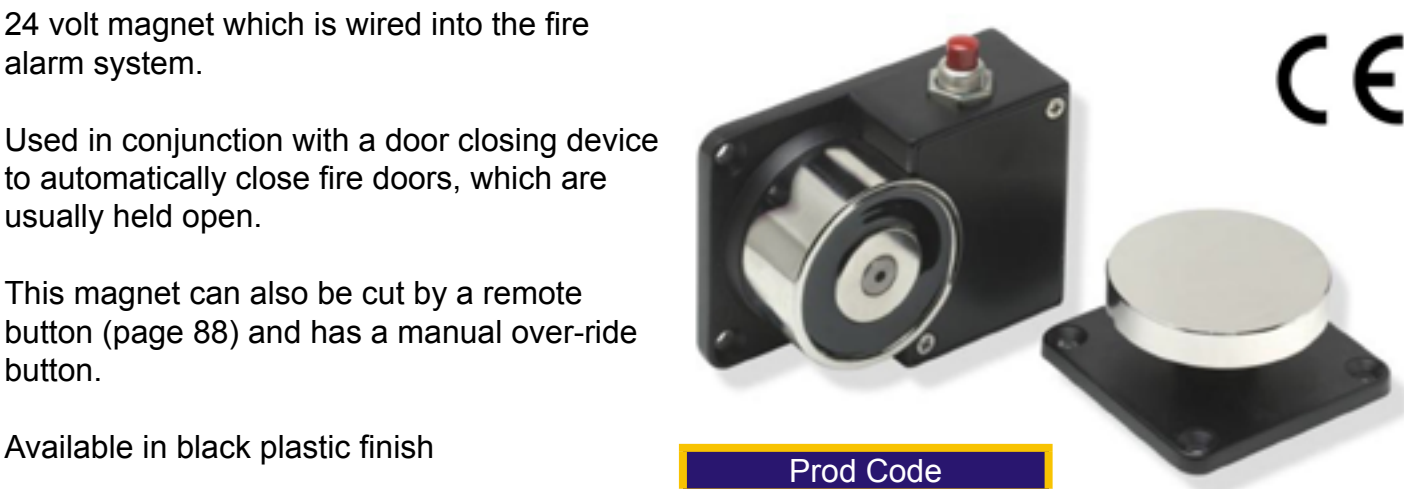
This magnets can also be cut by a remote button (page 88) and also have a manual over-ride button.

Available in two finishes, satin stainless steel and polished brass.

Succesfully type tested and certified to EN50081-1, EN50081-2, EN60529, EMC89/336/EEC



Wall Mounted Plastic



24 volt magnet which is wired into the fire alarm system.

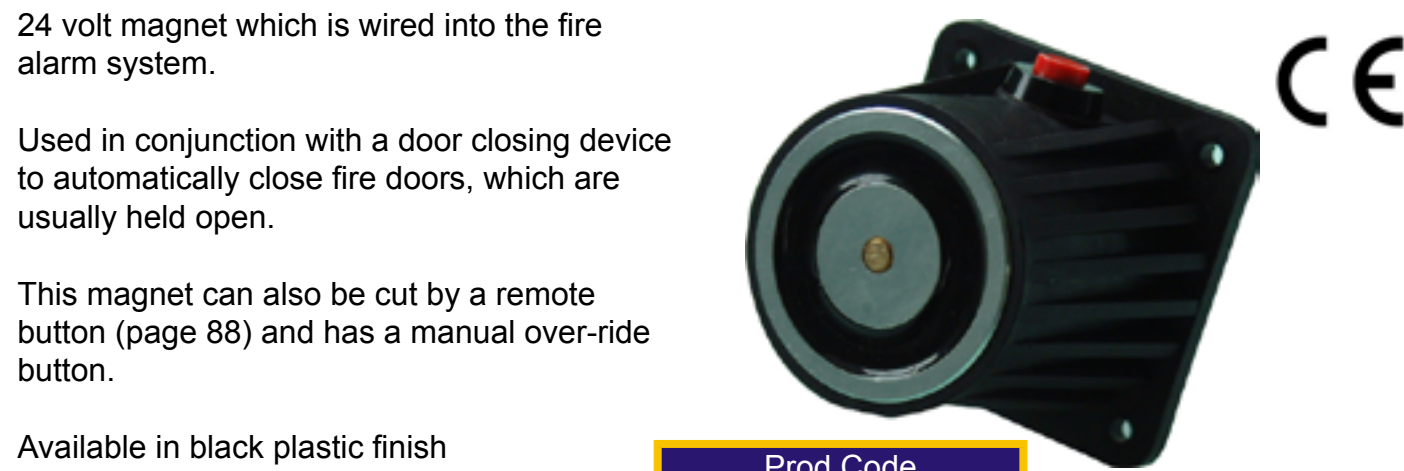
Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

This magnet can also be cut by a remote button (page 88) and has a manual over-ride button.

Available in black plastic finish

Prod Code
CL991

Wall Mounted Plastic



24 volt magnet which is wired into the fire alarm system.

Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

This magnet can also be cut by a remote button (page 88) and has a manual over-ride button.

Available in black plastic finish

Prod Code
CL992

Floor Mounted Plastic



24 volt magnet which is wired into the fire alarm system.

Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

This magnet can also be cut by a remote button (page 88) and has a manual over-ride button.

Available in black plastic finish

Prod Code
CL993

Floor or Wall Mounted Metal

CE



Performance 24 volt magnet which is wired into the fire alarm system.

Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

When powered the magnet holds the door open, upon power being cut by the fire alarm system, say in the event of a fire, the magnet cuts and the closing device closes the door.

This magnet can also be cut by a remote button (page 88) and has a manual over-ride button.

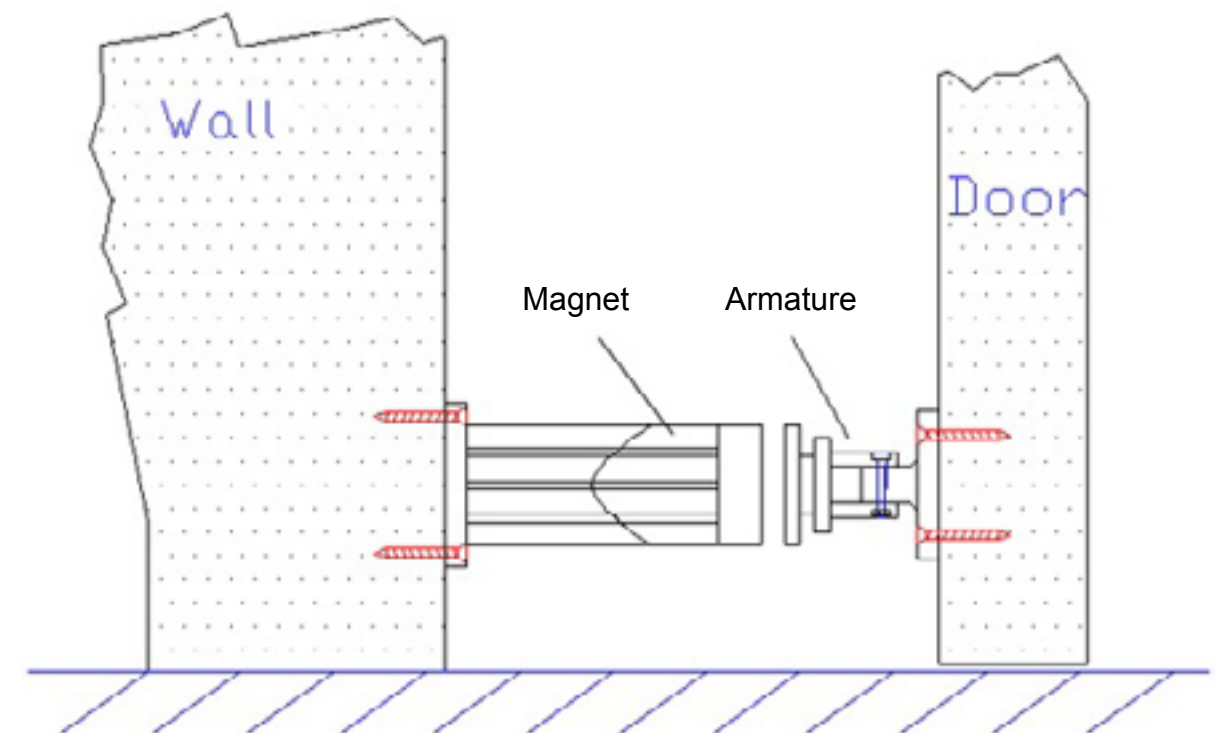
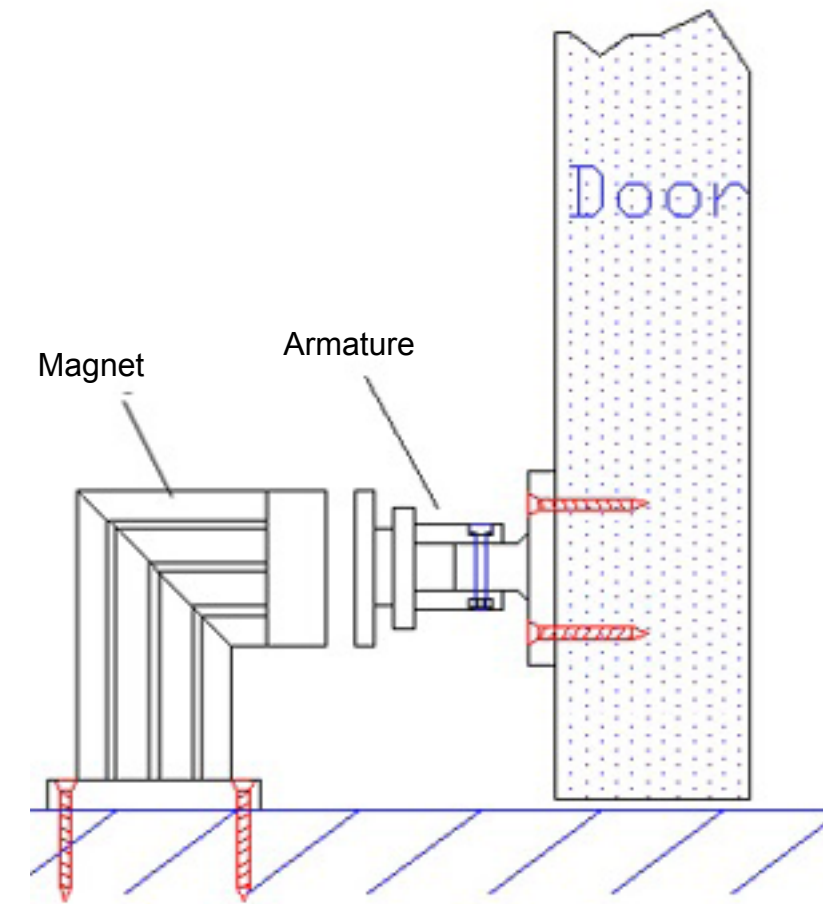
A versatile magnet, the unit's head can be relocated for floor or wall mounting.

The unit's head is an aluminium finish.

The unit's post is a zinc plated finish and is available powder coated to match, or contrast with, adjacent finishes.

Successfully type tested and certified to EN50081-1, EN50081-2, EN60529, EMC89/336/EEC

Prod Code
CL994



Wall, Floor or Ceiling Mounted Metal



Performance 24 volt magnet which is wired into the fire alarm system.

Used in conjunction with a door closing device to automatically close fire doors, which are usually held open.

When powered the magnet holds the door open, upon power being cut by the fire alarm system, say in the event of a fire, the magnet cuts and the closing device closes the door.

This magnet can also be cut by a remote button (page 88) and has a manual over-ride button.

A versatile magnet, the unit's head can be relocated for floor, wall or ceiling mounting.

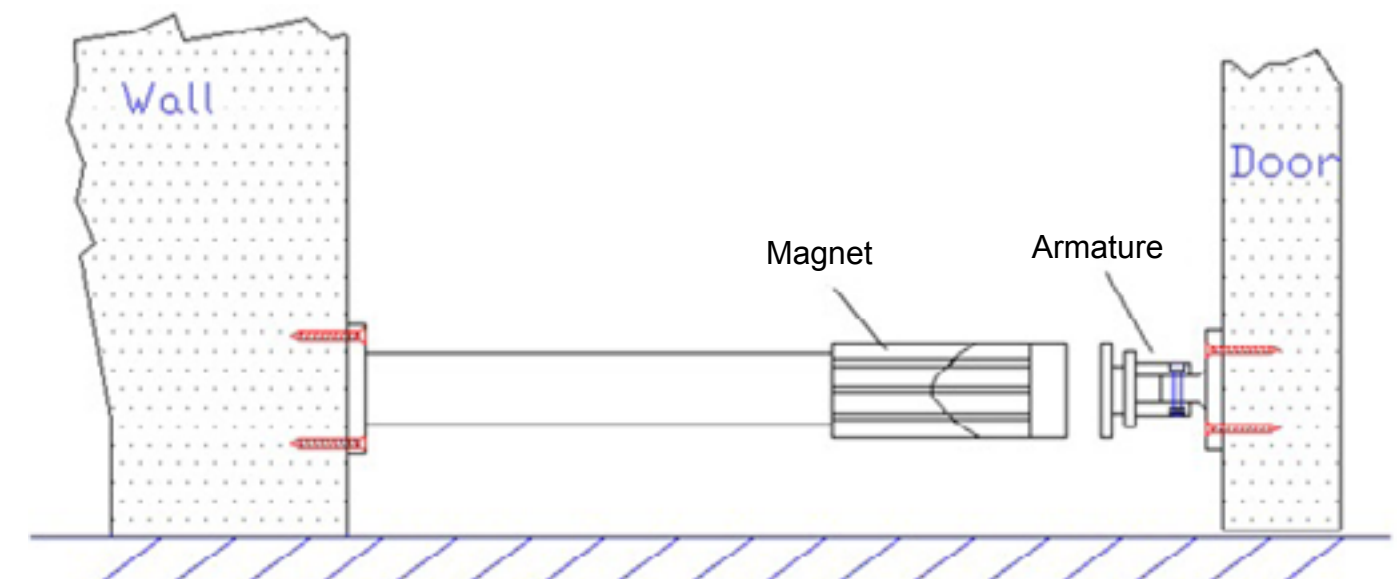
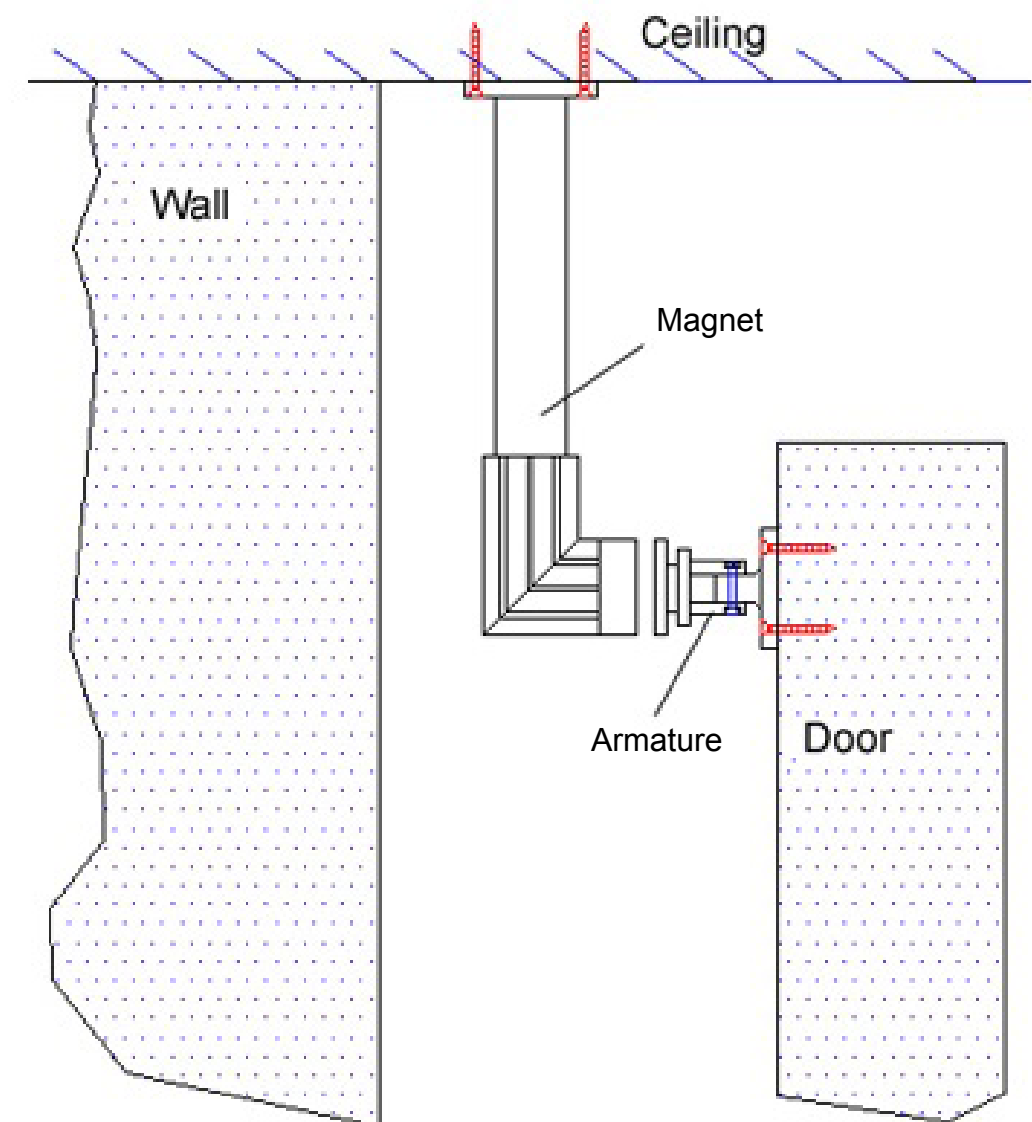
The unit's head is an aluminium finish.

The unit's post is a zinc plated finish and is available powder coated to match, or contrast with, adjacent finishes.

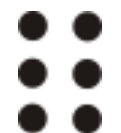
Successfully type tested and certified to EN50081-1, EN50081-2, EN60529, EMC89/336/EEC

Prod Code

CL995



Release Button Metal



Braille



Door release button for electro magnetic devices.

Available with green, black, blue, or red coloured button and the text on the switch can be altered to your requirements, text engraved on, or left off all together.

Flush mount as standard but can be used in conjunction with Prod Code DIG974 on opposite page for surface mounting.

Available in satin stainless steel finish

Prod Code

DIG970-X

Release Button Plastic



Door release button for electro magnetic devices.

Flush mount or surface fix as standard.

Available in white plastic finish.

Prod Code

DIG976

Release Button Plastic - Architrave



Door release button for electro magnetic devices.

Flush mount or surface fix as standard.

Available in white plastic finish.

This product can be engraved.

Prod Code

DIG977

Key Switch Metal



Braille



Key over-ride switch for electro magnetic devices.

Available as maintained or momentary.

Flush mount as standard but can be used in conjunction with Prod Code DIG974 below for surface mounting.

Cylinder is not included.

We can engrave this product or apply braille to it, to your requirements.

This product can be included in a master system.

Available in satin stainless steel finish

Prod Code

DIG979

Surface Mount Box

Metal adaptor box to surface mount flush mount products.

Available in two finishes.

- Satin stainless steel
- Polished brass



Prod Code

DIG974-X

Overhead Coordinator



Surface mounted overhead coordinator for doors subject to a high frequency of care-less use.

To ensure the correct closing sequence for double, rebated fire doors.

Suitable for commercial and residential use.

Available in six finishes.

- Satin anodised aluminium (pictured)
- Gold anodised aluminium
- Black anodised aluminium
- Satin stainless steel effect
- Polished stainless steel effect
- Polished brass effect

Prod Code

DSL01-X



EN1158

Morticed Stay

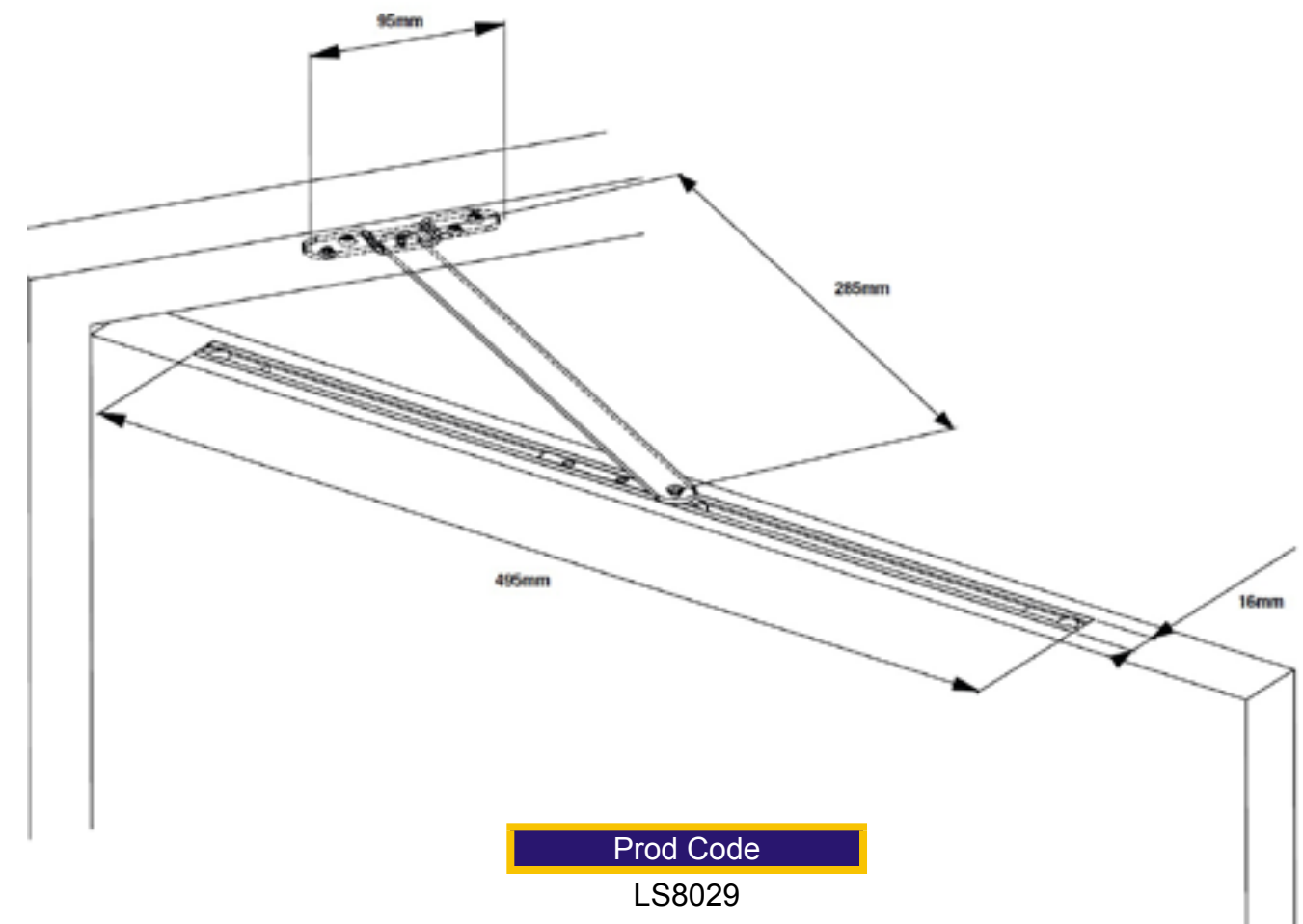


Morticed limiting stay for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

The limiting angle is adjustable and the arm is available in three finishes.

- Polished chrome
- Polished brass
- Satin stainless steel



Prod Code

LS8029

Surface Mounted Stay



A surface mounted limiting stay for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

The limiting angle is adjustable and the product is available in two finishes.

- Satin anodised aluminium channel with BZP arm (pictured)
- Satin stainless steel plated channel with SSS arm

The surface mounted part is 513mm overall and can be reduced by 25mm maximum.



Prod Code
LS513-X

Heavy Surface Mounted Stay

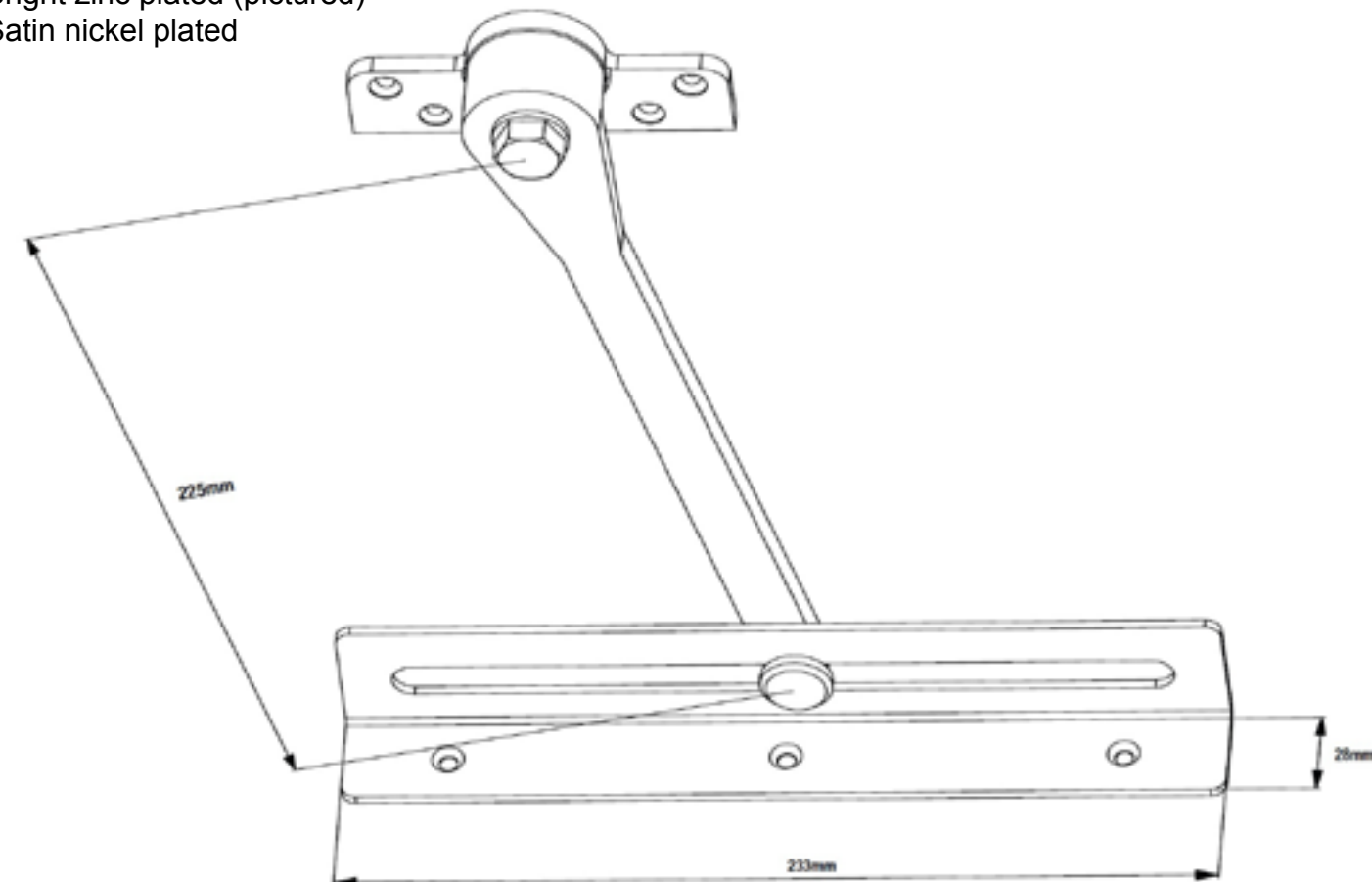


Surface limiting stay for doors subject to a high frequency of careless use.

Suitable for commercial use.

Available in two finishes.

- Bright zinc plated (pictured)
- Satin nickel plated



Prod Code
LS8001-X

Magnetic Hold Open

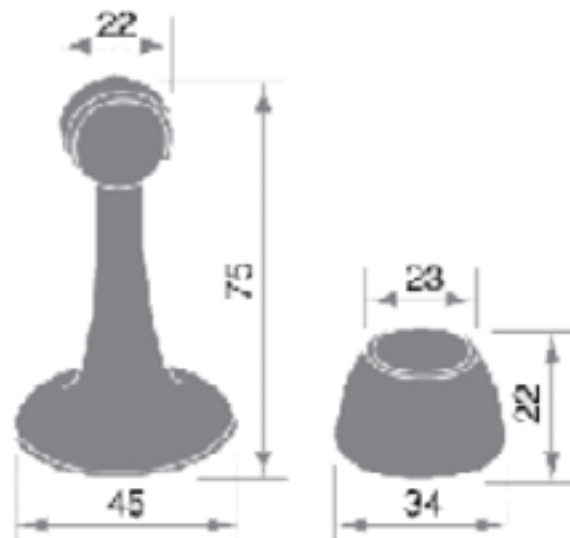


Magnetic door holder for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

Available in two finishes.

- Satin chrome (pictured)
- Polished Chrome



Prod Code
DSS77-X

Gravity Hold Open

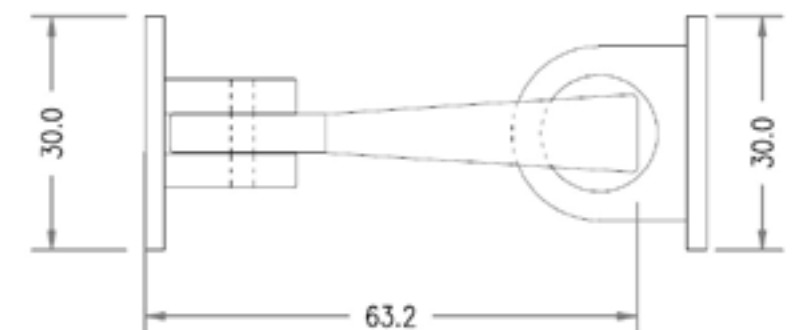
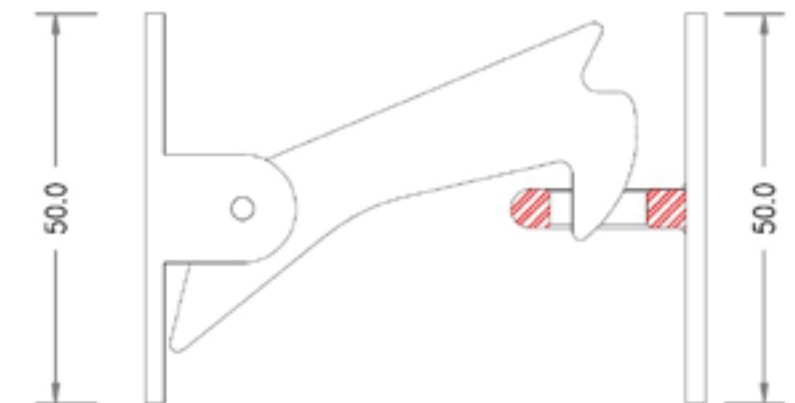


Gravity door holder for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

Available in three finishes.

- Polished brass
- Satin chrome
- Polished Chrome (pictured)



Prod Code
DAB061-X

Gravity Hold Open - Floor

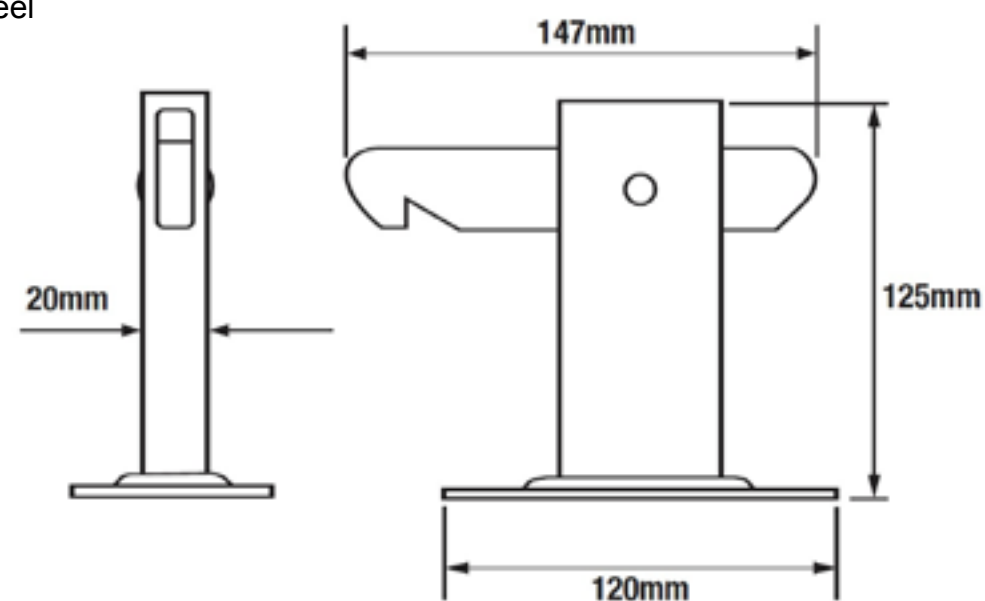


Gravity door holder for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

Available in two finishes.

- Bright zinc plated mild steel (pictured)
- Satin stainless steel



Prod Code
DH01-X

Gravity Hold Open - Wall

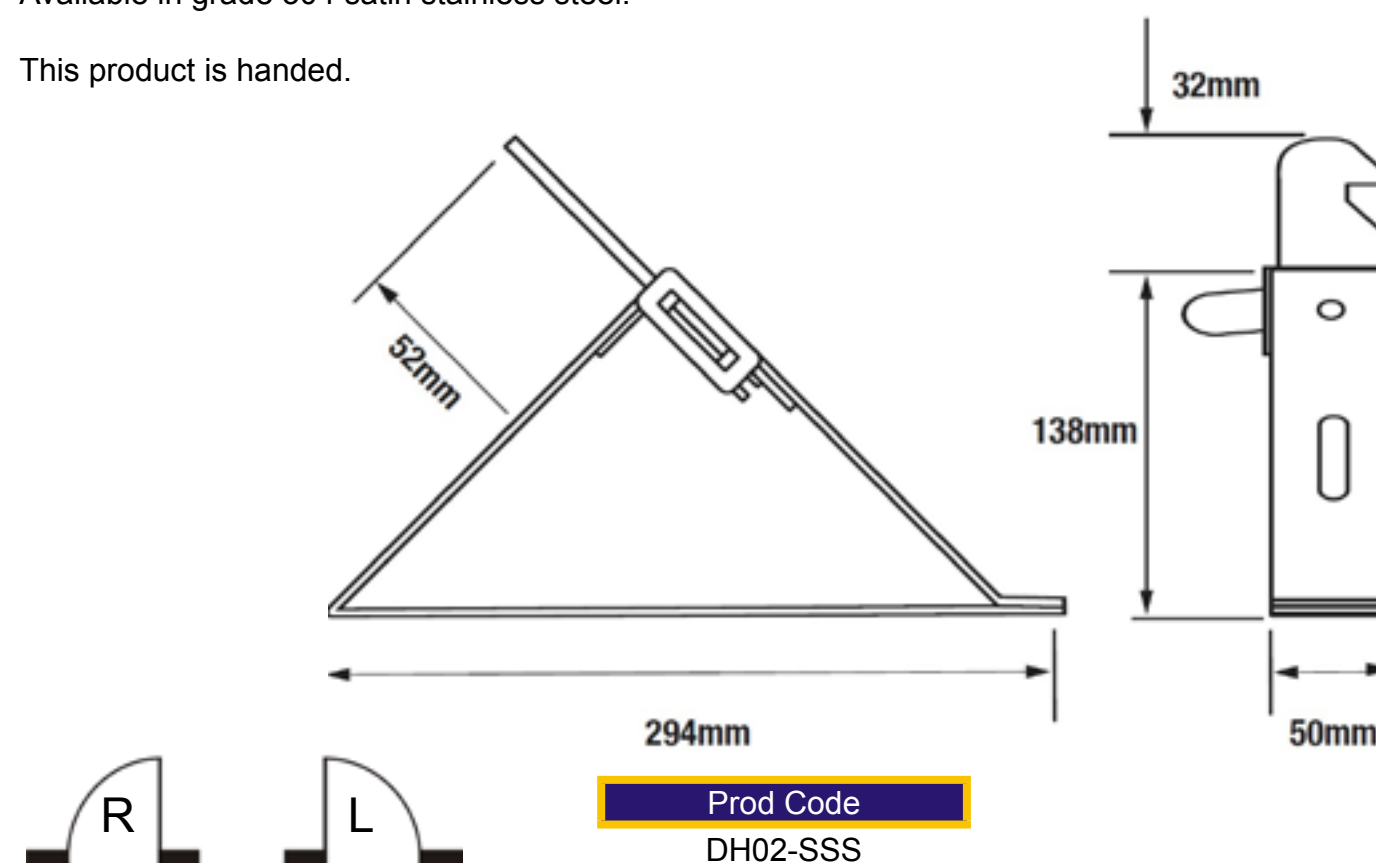


Gravity door holder for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

Available in grade 304 satin stainless steel.

This product is handed.



Prod Code
DH02-SSS

Stainless Steel Cabin Hook



Cabin hook for doors subject to a high frequency of careless use.

Suitable for commercial and residential use.

Available in two finishes.

- Satin stainless steel
- Polished stainless steel

Dimension given is from pivot point to centre of hook.

Size	Prod Code
100mm	CA082-X
150mm	CA083-X
200mm	CA084-X

Brass & Chrome Cabin Hooks



Cabin hook for doors subject to medium frequency of careful use.

Suitable for light commercial and residential use.

Available in three finishes.

- Polished brass
- Satin chrome
- Polished chrome

Dimension given is from pivot point to centre of hook.

Size	Prod Code
76mm	CA081-X
102mm	CA082-X
152mm	CA083-X
202mm	CA084-X
254mm	CA085-X
305mm	CA086-X