



*Overhead door closers
Series D7200*



Section 11



Introduction

VERSATILE AND ELEGANT

The CISA D7200 series, with cam and sliding track arm, combines a clean, linear design with a high performance level in an overhead door closer.

The technology used to develop this door closer, reduces to a minimum the force required to open the door making this product especially suitable for use by the elderly and children.

The door closer is extremely functional and versatile, combining multiple functions such as braked opening (backcheck), closing speed and final slam control, a fixing plate and the innovative "FAST™" system which allows to adjust and view the force being applied.

The D7200 series represents a secure connection between ease of access and fire protection.



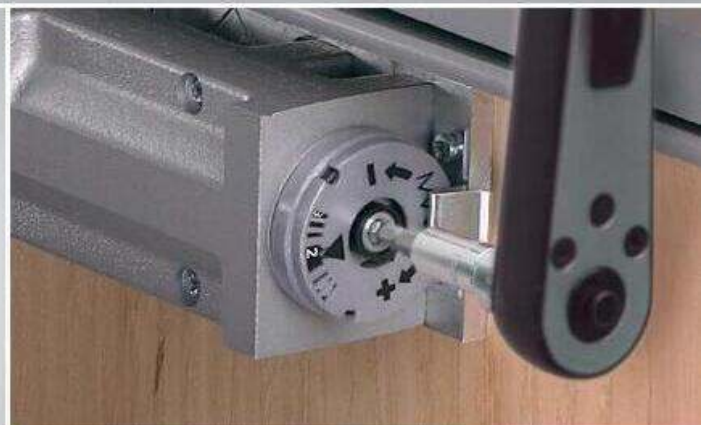
EASY OPENING, CLOSING IN MAXIMUM SECURITY

Contrary to what happens with traditional door closers, the technology used in the D7200 range combined with a sliding track arm allows great efficiency in opening. The initial opening force decreases in a sudden manner to allow the opening of doors even of large size and weight by the elderly and children.

The CISA D7200 series is CE certified according to the EN 1154 standard (EN 1155 for the electronic variants) and fire tested in accordance with the EN 1634 standard.

FORCE DIAGRAM

Door closer 1.D7200.04.0 set to a EN3 force

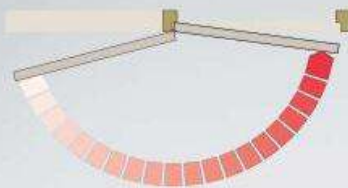


The innovative "FAST™" force adjustment system allows the installer to immediately view the force the door closer has been set to.

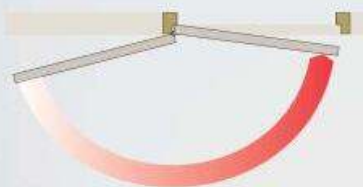
- A** The graphite cast iron door closer body allows for automatic, natural lubrication of the piston every time it is used, giving the door closer a high level of performance and greater durability.
- B** The special cam technology makes the door closer extremely efficient with maximum reliability and closing force on fire doors, yet ensuring a smooth opening phase.
- C** The bearings the door closer is fitted with, ensure maximum capacity and increased performance and durability.
- D** The "FAST™" force adjustment system allows the installer to easily check and adjust the force of the door closer.
- E** The silicon/chromium alloy springs ensure superior strength and durability.
- F** The internal fluid and thermal control valve allow for perfect operation of the door closer between -15° and $+40^{\circ}$ with no need for adjustments at change of season.
- G** The door closer cover has a linear design that allows for fixing it to all fixing holes via a simple clip system. Available in various finishes.
- H** Sliding track arm that ensures maximum smoothness of the opening and closing cycle.
- I** Fixing plate and adhesive template for fast, easy installation.
- J** Different functions to meet any operation needs.

Adjustments

- 1** Force is adjusted by means of the innovative "FAST™" system. The door closer force actually applied can be viewed.



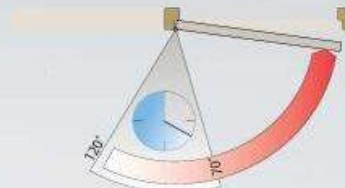
- 2** Closing speed adjustment from 120° to 7° .



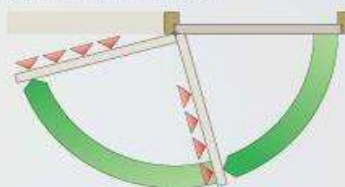
- 3** Final slam adjustment during the last 7° .



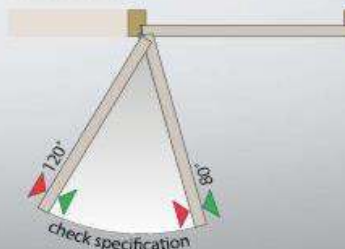
- 4** Closing delay adjustment. It allows people to pass freely by further slowing down the closing speed between 70° and 120° .



- 5** Opening brake (backcheck) adjustment. This function prevents the door from being damaged due to excessive force applied during the opening cycle. It can be adjusted between 70° and 180° .



- 6** Adjustable stop. Permits to keep the door open between 80° and 120° .



Mechanical stop arm - Max opening angle 120° .

Electromagnetic stop arm

Pull door (door closer installed on the door leaf), opening between 80° and 120° approximately.

Push door (door closer installed on the door leaf), opening between 80° and 115° approximately.

The opening angles above depend on the type of hinges installed and the structure (frame) of the door.

CISA 1.D7200.04.0

Inward opening door (pull), door closer installed on the door leaf.

The door closer body is installed on the door leaf and the arm on the door frame. In this version, the max opening angle is 180°.



CISA 1.D7200.04.0

Outward opening door (push), door closer installed on the door frame.

The door closer body is installed on the door frame and the arm on the door leaf. In this version, the max opening angle is 180°.



CISA 1.D7210.04.0

Outward opening door (push), door closer installed on the door leaf.

The door closer body is installed on the door leaf and the arm on the door frame. In this version, the max opening angle is 180°.



CISA 1.D7210.04.0

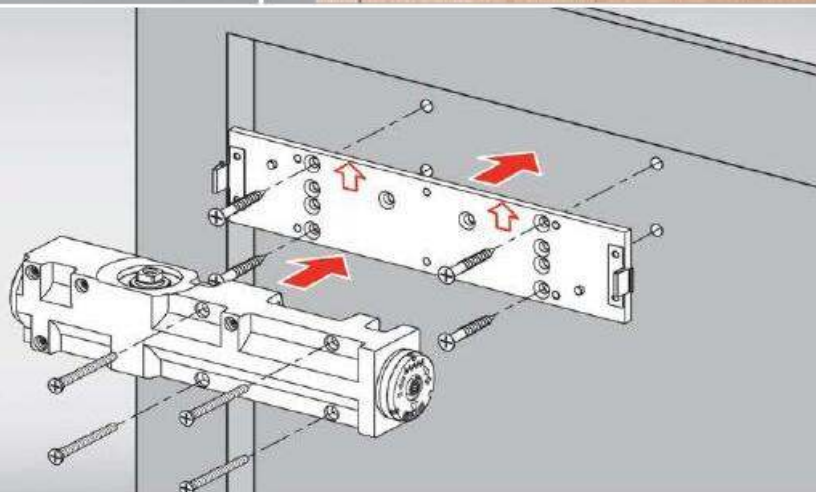
Inward opening door (pull), door closer installed on the door frame.

The door closer body is installed on the door frame and the arm on the door leaf. In this version, the max opening angle is 180°.



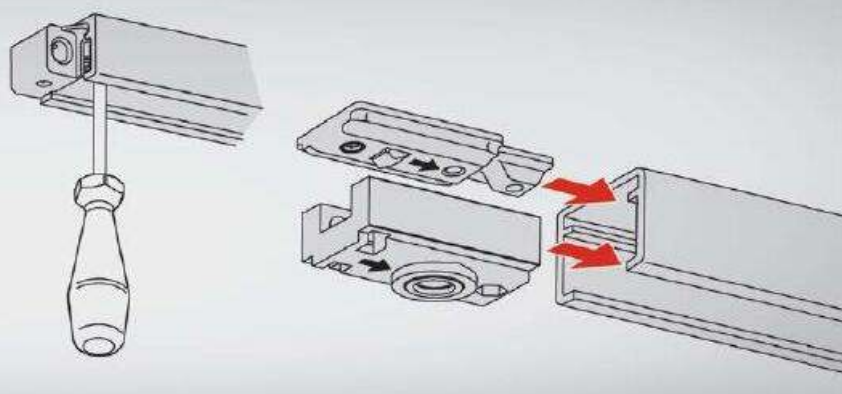
ASSEMBLY PLATE

The assembly plate has universal DIN fitting holes ensuring accuracy of installation; it is common to all door closer versions. It is fixed by means of special pins ensuring perfect alignment of the door closer body.



MECHANICAL STOP DEVICE

With this easily installed accessory, you can set a mechanical stop function. Stop can be adjusted up to a maximum angle of 120°. The stop function can easily be disabled and adjusted according to the door weight. This device cannot be installed on fire doors.



THE CISA D7200 SERIES IS AVAILABLE IN 3 MODELS

Standard version - Door closer with sliding track arm in compliance with the EN 1154 standard. Adjustable force 2-5. This type of door closer can be applied on right or left, push or pull opening doors, on the door frame or leaf.

Mechanical stop version - This type of door closer has a special accessory fitted in the arm, that allows to set the door stop at an angle between 75° and 120°. The hold open door can be easily released. The door closer meets the EN 1154 standard requirements, with adjustable force 2-5. This type of door closer can be applied on right or left, push or pull opening doors, on the door frame or leaf. This device cannot be installed on fire doors.

Electromagnetic stop arm - With this accessory, the door position can be blocked by means of an electromagnetic stop device, at an angle between 80° and 120°. The hold open door can be released manually. In this configuration, the door closer is in compliance with the EN 1154 and EN 1155 standards and can therefore be used and adjusted with a force of 3 to 5 also on fire doors. This type of door closer can be applied on right or left, push or pull opening doors, on the door frame or leaf. This device cannot be installed on fire doors.

product characteristics		product code					
force	door max dimensions: width - weight	1.D7200.04.0	1.D7210.04.0	1.D7201.04.0	1.D7211.04.0	1.D7202.04.0	1.D7212.04.0
1	750mm - 20kg						
2	850mm - 40kg	●	●	●	●		
3	950mm - 60kg	●	●	●	●	●	●
4	1100mm - 80kg	●	●	●	●	●	●
5	1250mm - 100kg	●	●	●	●	●	●
6	1400mm - 120kg						
main features		1.D7200.04.0	1.D7210.04.0	1.D7201.04.0	1.D7211.04.0	1.D7202.04.0	1.D7212.04.0
Inward opening door (pull or push door with door closer installed on the door frame)		●		●		●	
Outward opening door (push or pull door with door closer installed on the door frame)			●		●		●
Adjustable closing force		2 - 5*	2 - 5	2 - 5*	2 - 5	3 - 5	3 - 5
"FAST™" adjustment system		●	●	●	●	●	●
Adhesive template		●	●	●	●	●	●
Pre-assembly plate		●	●	●	●	●	●
Opening angle		180°	180°	180°	180°	120°	120°
Independent valves for adjusting closing and final slam speed		●	●	●	●	●	●
Opening brake adjusting valve		●	●	●	●	●	●
Closing delay adjusting valve		●	●	●	●	●	●
Internal thermostatic valve for temperature compensation		●	●	●	●	●	●
Manual stop				●	●		
Electromagnetic stop						●	●
Sliding track arm		●	●	●	●	●	●
Finish matching between door closer body and arm		●	●	●	●	●	●
Weight (kg)		3.5	3.5	3.5	3.5	3.5	3.5
Dimensions (mm) length x depth x height		289x57x70	289x57x70	289x57x70	289x57x70	289x57x70	289x57x70
Warranty period		2 years	2 years	2 years	2 years	2 years	2 years

CERTIFICATION

The CISA D7200 range of door closers is tested for compliance with the EN 1154 and EN 1155 standards. The door closers are CE marked according to the classification given here (the figures in brackets show the classification grade, the highest figure indicates the highest grade of compliance with the specific test).

IMPORTANT:

The door closers 1.D7201.01.0 and 1.D7211.04.0 are not CE marked.

- * EN 2-4 if the door closer is installed on the frame of a push door.
- Only when the door closer is installed on the door leaf.



AD0267 (EN 1154)
AE0025 (EN 1155)

Certificates can be downloaded
as true copies, at
www.cisa.com

(grade classification given in brackets)

(3/4) (8) (1-7) (0/1) (1) (0/4)

1.D7200.04.0

4	8	2-5	1	1	3
---	---	-----	---	---	---

1.D7202.04.0

3	8	3-5	1	1	3
---	---	-----	---	---	---

1.D7210.04.0

4	8	2-5	1	1	3
---	---	-----	---	---	---

1.D7212.04.0

3	8	3-5	1	1	3
---	---	-----	---	---	---



Closing
force
EN1154

Max. door
width

Max. door
weight

Code

Size

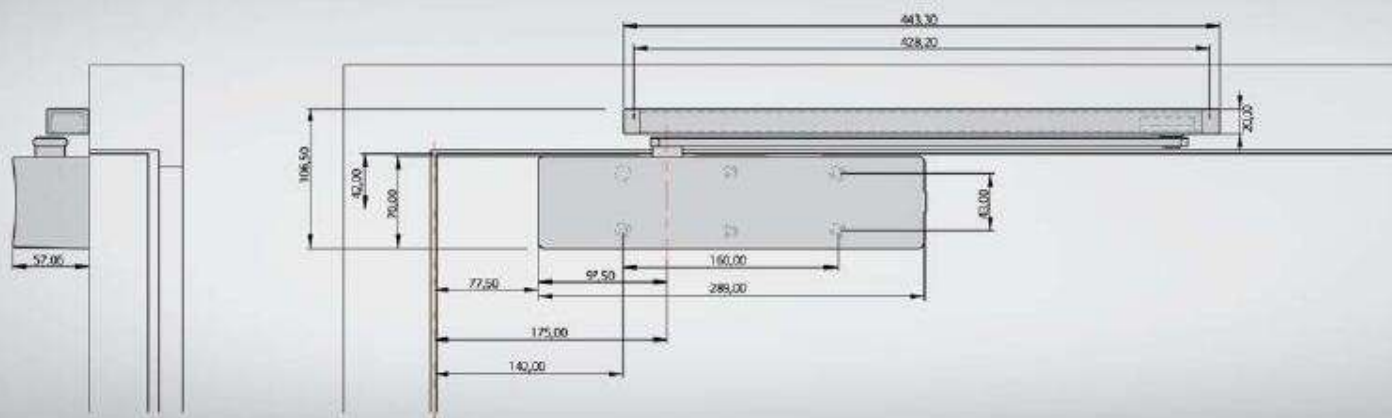
Finish

Price

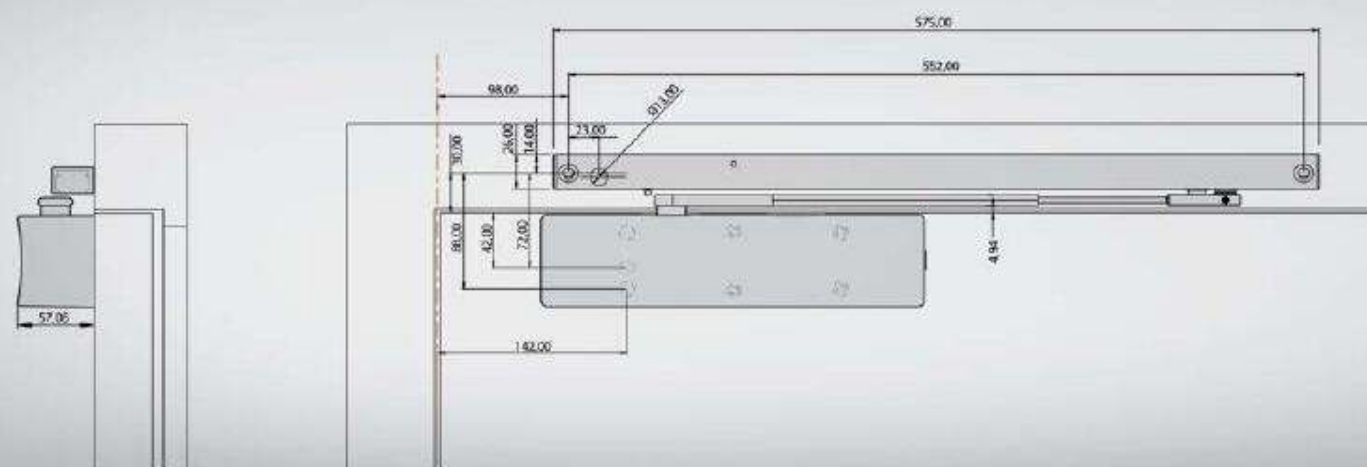
2-5	850-1250	40-100	D7200	04	97	3162.06
2-5	850-1250	40-100	D7210	04	97	3162.06
2-5	850-1250	40-100	D7201	04	97	3162.06
2-5	850-1250	40-100	D7211	04	97	3162.06
3-5	950-1250	60-100	D7202	04	97	3781.82
3-5	950-1250	60-100	D7212	04	97	3781.82

Dimensional drawings

Standard door closer with or without stop arm



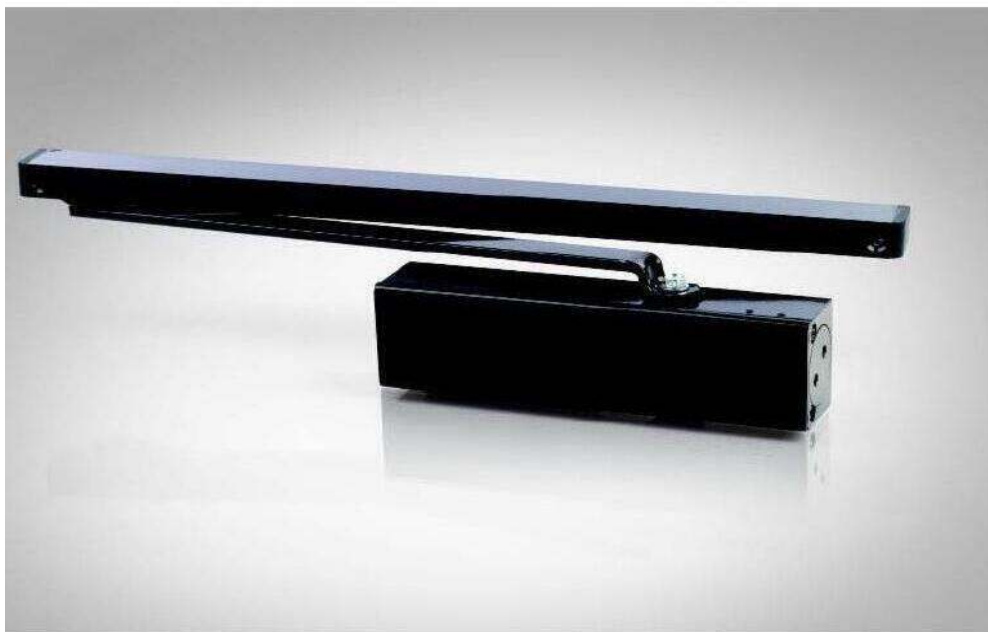
Door closer with electromagnetic stop arm



Professional Plus Overhead Door Closers



Professional Plus Overhead Door Closers



Advanced Technology and Reliability

These latest developments add more highly versatile and performing door closers to the CISA portfolio. Design for high traffic doors, CISA door controls are ideally suited for applications requiring a high level of reliability and durability.

DESIGN

- Minimalist, compact design available in a number of different finishes and colors to suit any environment.

VERSATILITY

- The new CISA Professional series provides reliable solutions for challenging applications. The new closers incorporate micrometric power adjustment and backcheck (an in-built cushioning feature that helps prevent damage to the door, hardware and adjacent walls, caused by the door being flung open or caught by a gust of wind).

EASY INSTALLATION

- User friendly installation, interchangeability with earlier series models.

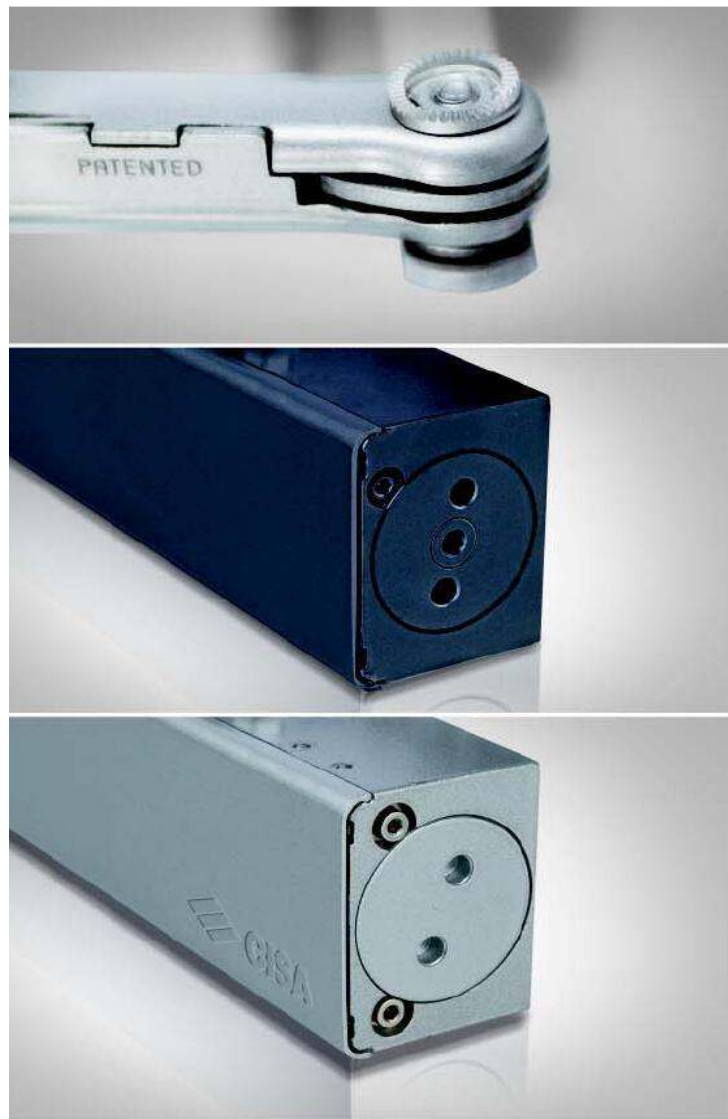
RELIABILITY

- The quality materials and top construction technology used make CISA Professional Plus door closers reliable and durable in time.
- Durability: over 500,000 opening cycles according to UNI EN 1154 standard requirements.

COMPLIANCE AND CE MARKING

- The quality materials and technical solutions used ensure compliance with the strictest regulatory requirements. For this reason, CISA has been granted hallmarks and certificates including:
 - CE mark according to the Directive 89/106/EEC granted by ICIM for use on fire doors.
 - Voluntary product certification granted by the certifying body ICIM according to the UNI EN 1154 standard.





Technical features

- Aluminum alloy monobloc body.
- Steel arm with or without adjustable hold-open device.
- Special high-tensile steel spring immersed in high-grade oil.
- Adjustment valves with thermostatic device.
- Backcheck.

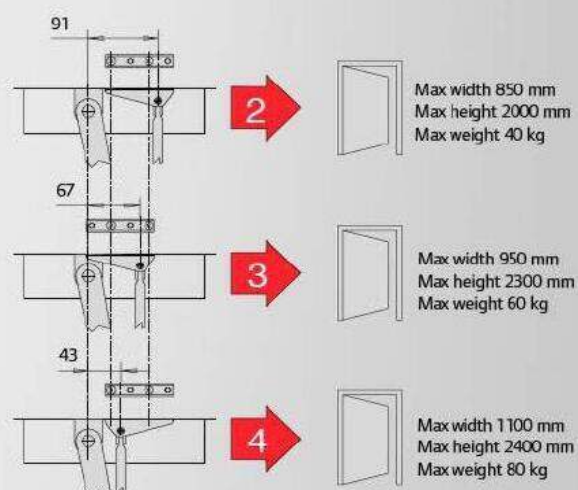
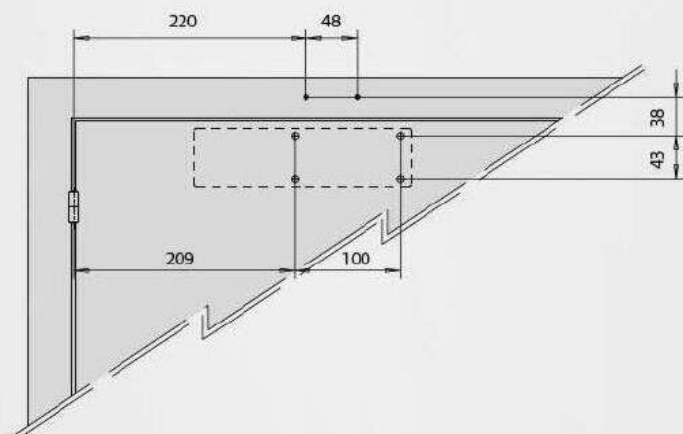
Adjustments

- Closing strength:
 - EN 2-3-4 multiple strength version according to the arm fixing position.
 - EN 2-3-4-5-6 adjustable strength version: by combining the arm fixing position and valve strength adjustment.
 - EN 1-2-3 strength version with sliding track arm adjustable via the special adjustment screw.
- Closing speed is adjustable from 180° to 15° by operating the special valve.
- Final latch adjustment from 15° to 0° by operating special valve.
- Door hold-open position adjustment from 180° to 15° (series D1511).

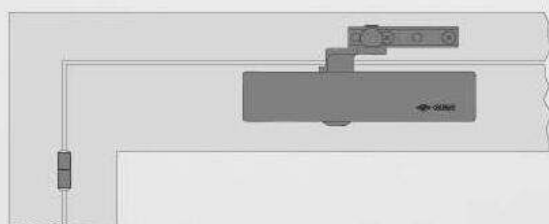
Door closer finishes and fastening plates (optional)

- Standard
 - SILVER (fin. 97)
- Finishing options
 - CHAMPAGNE (fin. 87)
 - DARK BROWN (fin. 88)
 - DARK BRONZE (fin. 99)
 - BLACK (fin. 44)
 - MATT BLACK (fin. 90)
 - WHITE (fin. 45)

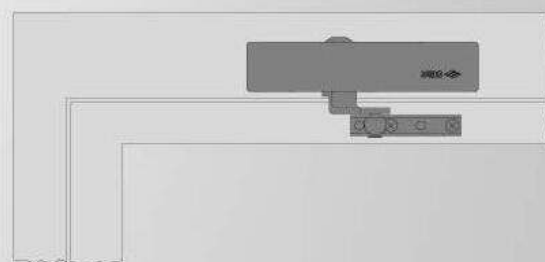
Installation procedure for Professional Plus door closers – D1510, D1511 multi-strength



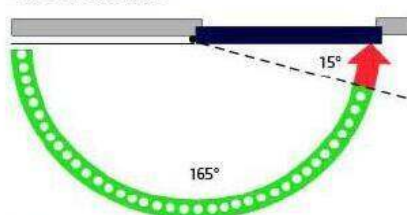
Installation on hinge side



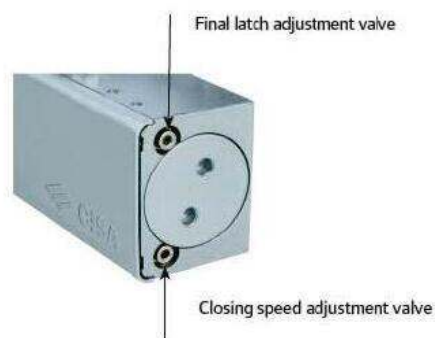
Installation on side opposite to hinges



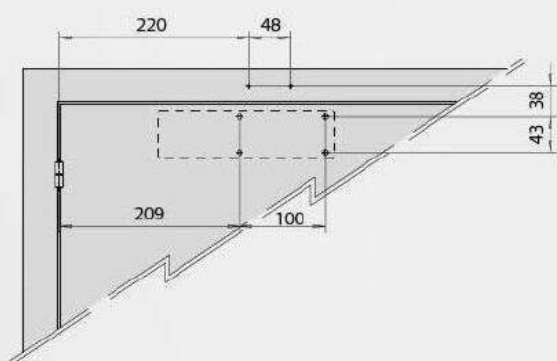
ADJUSTMENTS



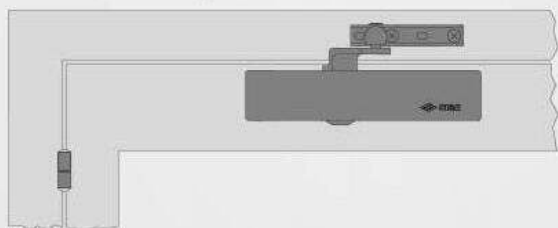
- Adjustment sector for final latch action (with valve)
- Adjustment sector for closing speed (with valve) and with door hold-open device option (series 71411)



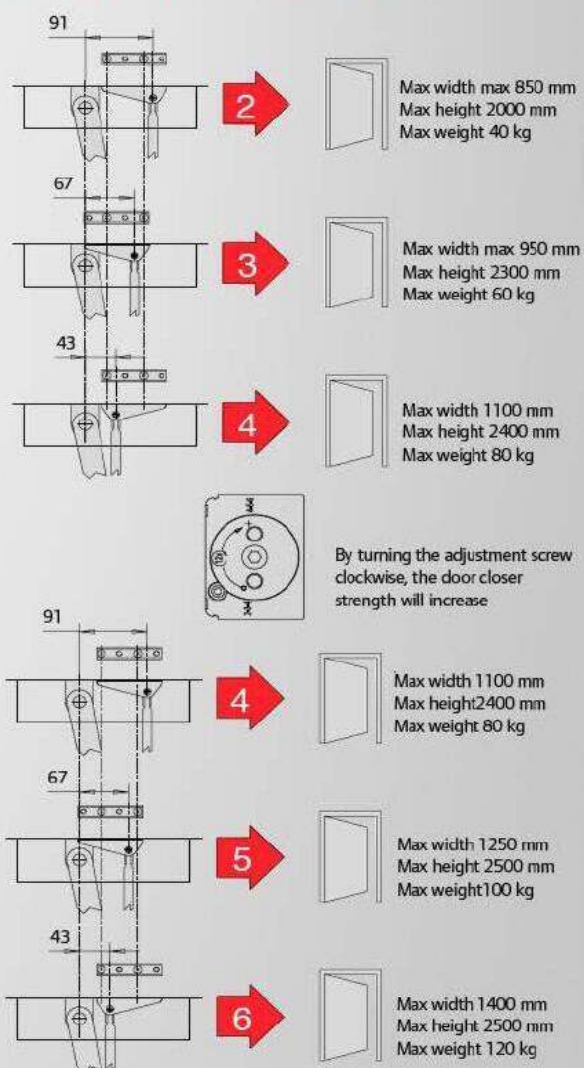
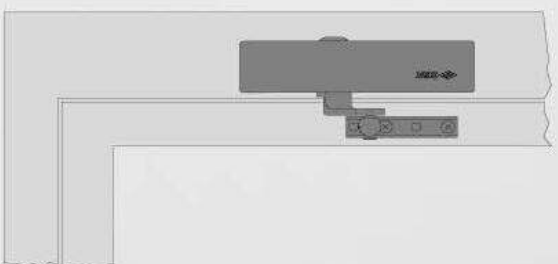
Installation procedure for Professional Plus door closers – D1610, D1611 adjustable strength



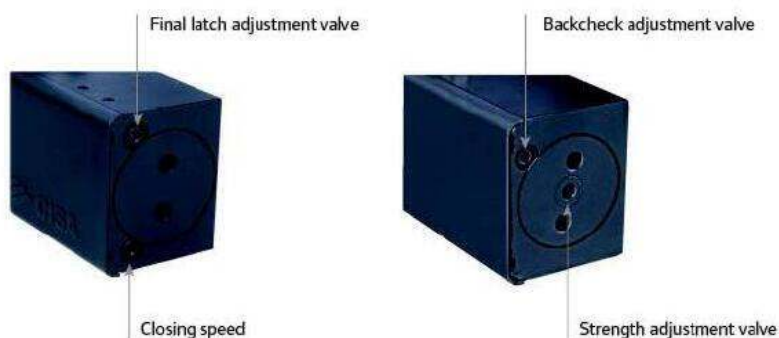
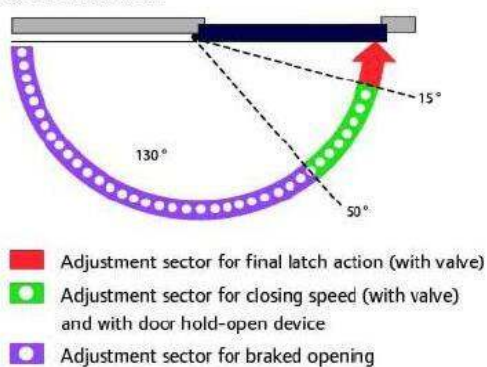
Installation on hinge side



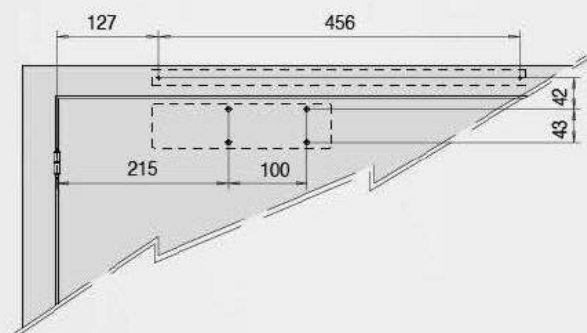
Installation on side opposite to hinges



ADJUSTMENTS



Installation procedure for Professional Plus door closers – D2110, D2111 with sliding track arm, adjustable strength



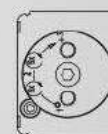
Max width 750 mm
Max height 2000 mm
Max weight 20 kg



Max width 850 mm
Max height 2000 mm
Max weight 40 kg

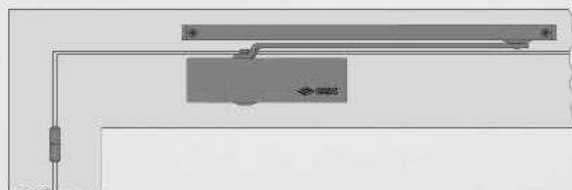


Max width 950 mm
Max height 2300 mm
Max weight 60 kg

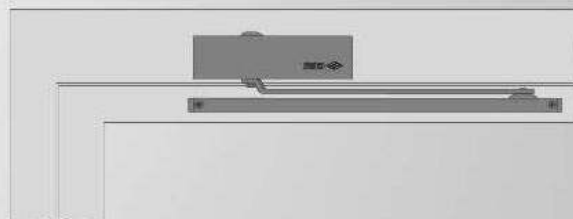


By turning the adjustment screw clockwise, the door closer strength will increase

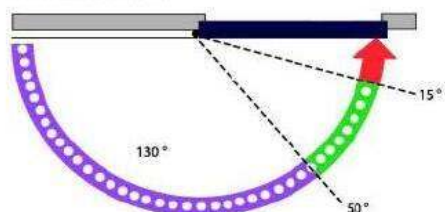
Installation on hinge side



Installation on side opposite to hinge



ADJUSTMENTS



- Adjustment sector for final latch action (with valve)
- Adjustment sector for closing speed (with valve) and with door hold-open device
- Adjustment sector for braked opening

Final latch adjustment valve

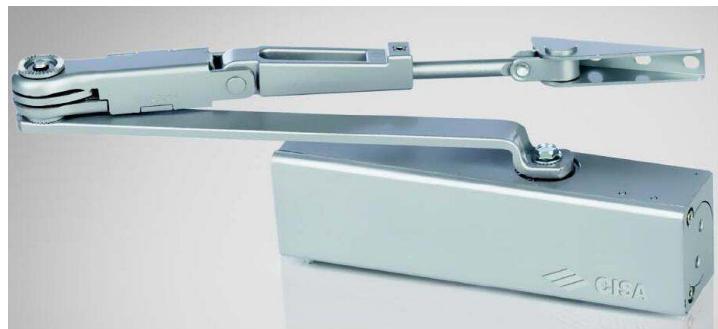


Closing speed

Backcheck adjustment valve



Strength adjustment valve



CERTIFICATION

- Where shown the CE mark granted by ICIM according to the directive 89/106/CEE.
- Where shown the voluntary certificate issued by a certifying body according to the UNI EN 1154 standard.

Technical features:

- Aluminium alloy monoblock body.
- Steel arm
- Special high tensile steel spring immersed in high grade oil.
- Regulating valve with thermostatic device

Reliability

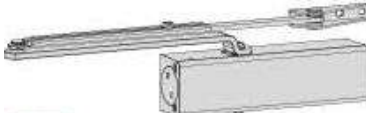
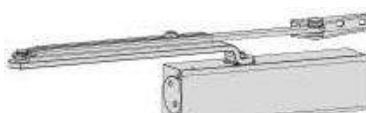
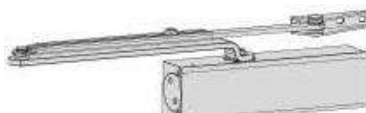
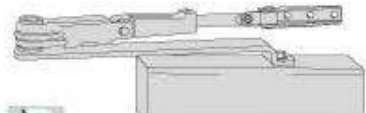
- Over 500 000 opening cycles according to UNI EN 1154 standard requirements.

Supplied as standard:

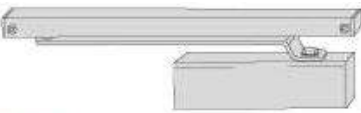
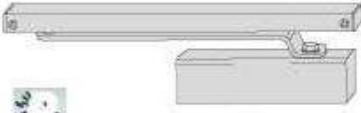
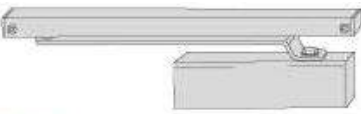
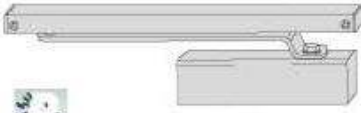
- Template and fixing instructions
- Fixing screws

Adjustments:

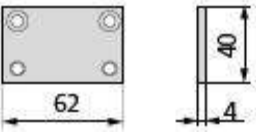
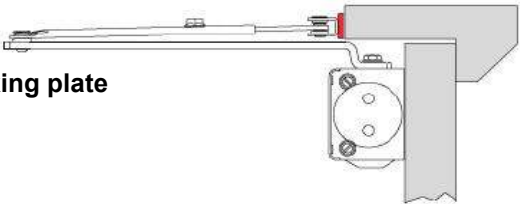
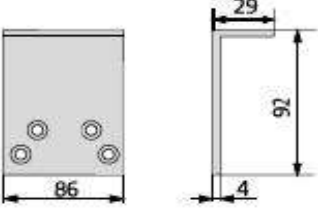
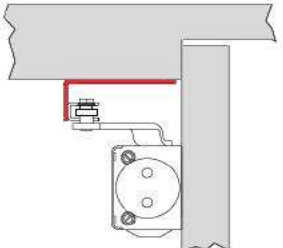
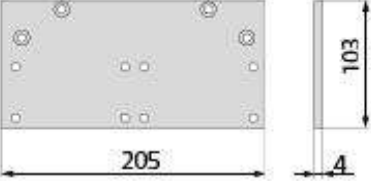
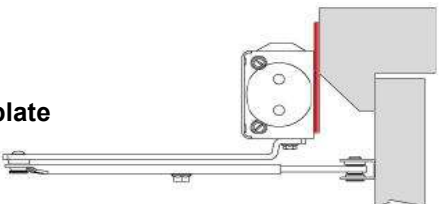
- Closing Force
- Speed of closing
- Strength of final slam

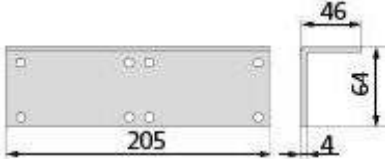
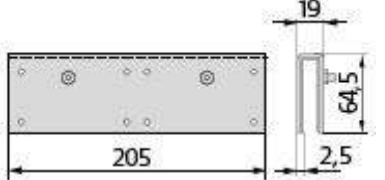
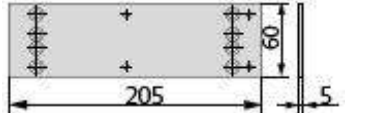
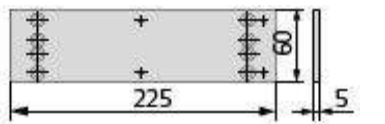
		Closing force EN1154	Max. door width	Max. door weight	Code	Size	Finish	Price
   	MULTISTRENGTH • No hold-open device • CE Mark • Voluntary Certificate ..according to EN1154	2,3,4	850-1100	40-80	D1510	03	97	
 	MULTISTRENGTH • With hold-open device • Voluntary Certificate ..according to EN1154	2,3,4	850-1100	40-80	D1511	03	97	
   	ADJUSTABLE STRENGTH • No hold-open device • Back check • CE Mark • Voluntary Certificate ..according to EN1154	2,3,4	850-1400	40-120	D1610	03	97	
 	ADJUSTABLE STRENGTH • With hold-open device • Back check • Voluntary Certificate ..according to EN1154	2,3,4	850-1400	40-120	D1611	03	97	
   	ADJUSTABLE STRENGTH • No hold-open device • Back check • CE Mark • Voluntary Certificate ..according to EN1154	2,3,4,5,6	850-1400	40-120	D1610	05	97	
 	ADJUSTABLE STRENGTH • With hold-open device • Voluntary Certificate ..according to EN1154	2,3,4,5,6	850-1400	40-120	D1611	05	97	

PROFESSIONAL PLUS OVERHEAD DOOR CLOSERS

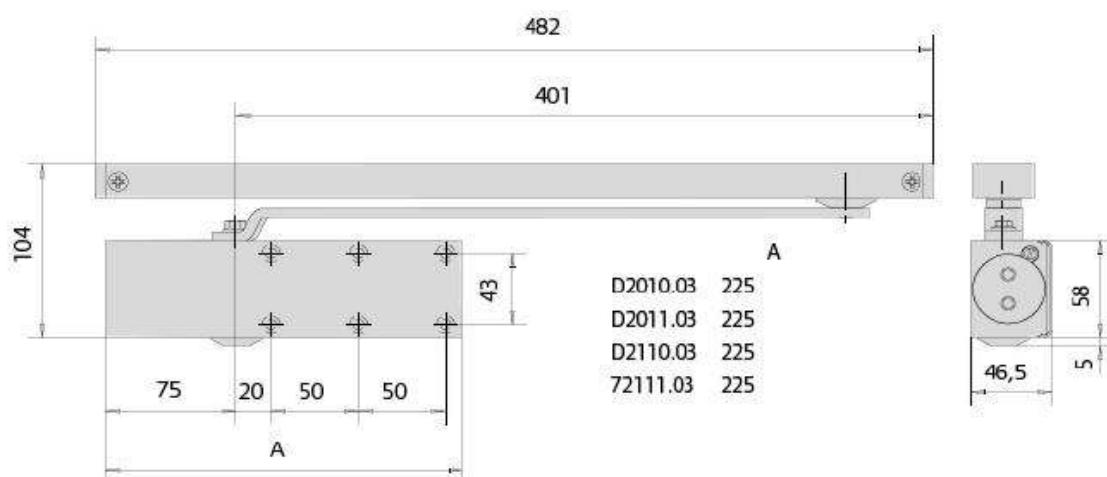
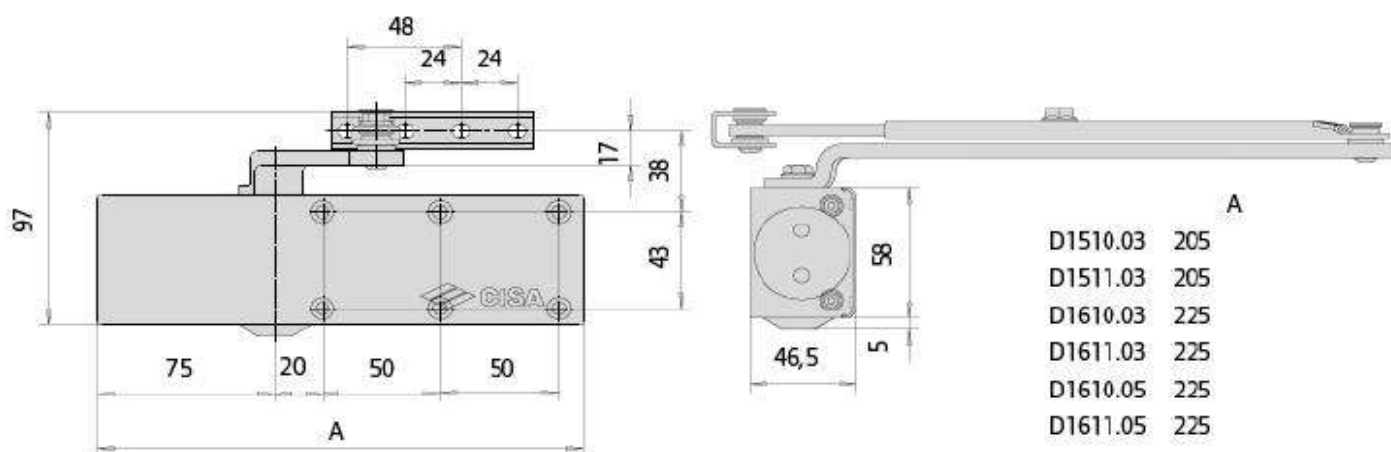
	Closing force EN1154	Max. door width mm	Max. door weight kg	Code	Size	Finish	Price
 - Sliding track arm - No hold-open device - Back check - CE Mark - Voluntary Certificate ..according to EN1154   	3	950	60	D2010	03	97	
 - Sliding track arm - With hold-open device - Back check - Voluntary Certificate ..according to EN1154 	3	950	60	D2011	03	97	
 ADJUSTABLE STRENGTH - Sliding track arm - No hold-open device - Back check - CE Mark - Voluntary Certificate ..according to EN1154   	1,2,3	750-950	20-60	D2110	03	97	
 ADJUSTABLE STRENGTH - Sliding track arm - With hold-open device - Back check - Voluntary Certificate ..according to EN1154 	1,2,3	750-950	20-60	D2111	03	97	

PROFESSIONAL PLUS OVERHEAD DOOR CLOSERS -SPECIAL BRACKETS & ACCESSORIES

	Code	Size	Finish	Price
 Arm fixing plate 	07140		97	
 - Soffit Bracket - Arm fixing angle bracket 	07141		97	
 Drop back plate 	07142		97	

	Code	Size	Finish	Price
 • Door closer fixing angle bracket	07143	00	97	
 • Door closer steel backplate for glass doors.	07146		97	
 • Door closer steel backplate • For D1510, D1511 door closers	07153	00	97	
 • Door closer steel backplate • For D1610, D1611, D2000series door closers.	07153	01	97	

Door closer diagrams





Smart Plus overhead door closers



Smart Plus overhead door closers



Technology opening doors to design

The CISA overhead door closer offers a top level aesthetic solution to achieve reliable opening and safe closing control of any kind of door. This solution, ideal for both indoor and outdoor applications, is available in a sophisticated design making it suitable for almost all environment. Built from high quality materials, versatile and easy to install, CISA Smart Plus is made to last thanks to its durable design and compliance with all the applicable industry standards. Available in a wide range of finishes.

STYLISH DESIGN

- CISA Smart Plus door closers are supplied with a stylish all-over cover available in a number of finishes and colours to match all kinds of environment.

VERSATILITY

- CISA Smart Plus closers provides 5 different closing strengths within just 2 body sizes.
- Variable closing strengths can be achieved by simply altering the fixing position of the arm.
- CISA D14 XX03 provides power strengths EN 2-3-4 and CISA D14XX05 provides EN 4-5-6.

EASY TO INSTALL

- Only one fixing template is needed to install the door closer to the correct strength.
- The slotted fixing holes enable the user to perfectly position the door closer.
- This feature also enables the CISA Smart Plus to be adapted to suit pre-existing holes, for replacement purposes.

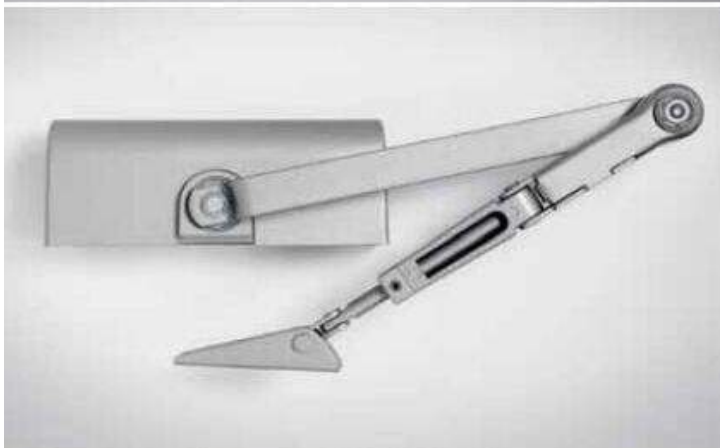
RELIABILITY

- The quality of the materials used and the level of precision engineering makes Smart Plus closers long-lasting and reliable.
- Life-cycle performance: over 500,000 opening and closing cycles in compliance with the UNI EN 1154 standard.

COMPLIANCE AND MARKING

- Smart Plus closers are successfully type tested and independently certified for conformity to all the requirements of EN 1154. They are CE marked in accordance with 89/106/EEC Directive, issued by ICIM for use on fire doors





Technical features

- Aluminium alloy one-piece body.
- Shock proof plastic all-overcover.
- Corrosion resistant steel arm, with or without adjustable hold-open mechanism.
- Special steel spring immersed in high-grade in oil-bath.
- Adjusting valve complete with thermostatic device.
- Special high-tensile steel spring immersed in high-grade oil.

Adjustments

- Power adjustable EN2-3-4 (factory set size 03) or EN4-5-6 (size 05) by moving the mounting position of the arm.
- Separate closing speed (between 180° to 15°) and final latch action (between 15° to 0°) adjustment provides total control of the full closing cycle.
- Door hold-open position adjustment from 180° to 15° (D1416, 71416 05).

Door closer and fixing plate (optional) finishes

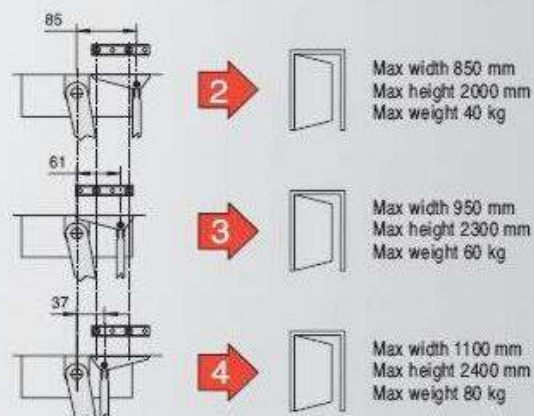
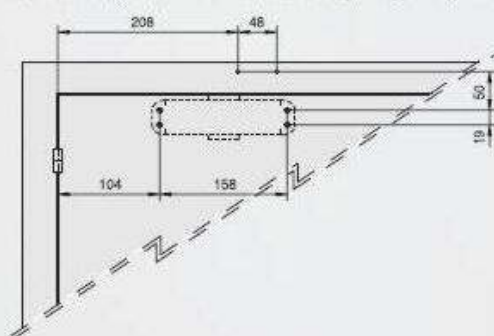
- Standard colour
 - SILVER (97)
- Other available finishes
 - CHAMPAGNE (87)
 - DARK BROWN (88)
 - DARK BRONZE (99)
 - BLACK (44)
 - WHITE (45)

Installation procedure for Smartl Plus door closers – D1410, D1411 multi-strength

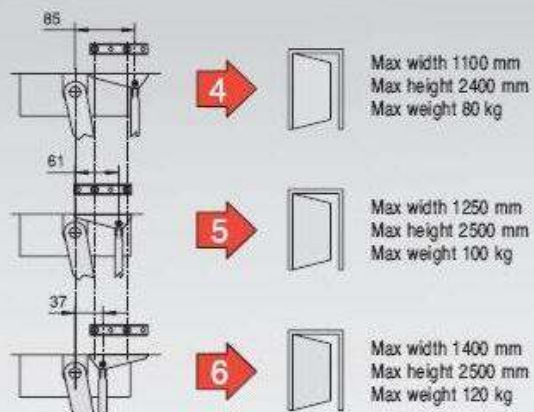
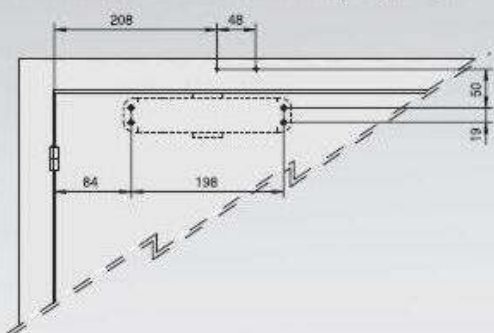
Simplified Size Adjustment

To make it easier to adjust the strength of the door closer, it is designed so that the body remains in a fixed position and the adjustment is made by changing the position of the door closer arm.

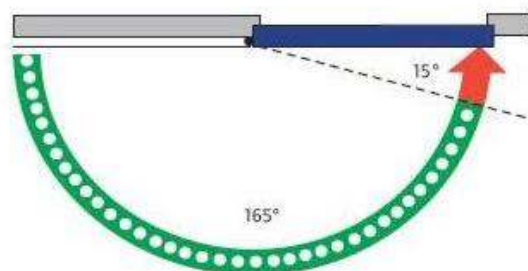
EN 2-3-4 strength door closer assembly diagram (D1415, D1416 series)



EN 4-5-6 strength door closer assembly diagram (71415 05, 71416 05 series)

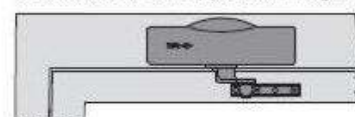


ADJUSTMENTS

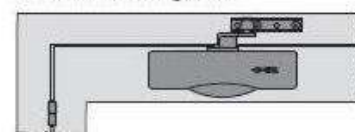


- Latch action adjustment sector (with valve)
- Closing speed adjustment sector (with valve)

Installation on side opposite to hinges



Installation on hinge side




Technical features:

- Aluminium alloy monoblock body.
- Steel arm
- Special high tensile steel spring immersed in high grade oil.
- Regulating valve with thermostatic device

Reliability

- Over 500 000 opening cycles according to UNI EN 1154 standard requirements.

Supplied as standard:

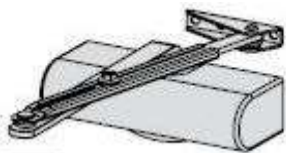
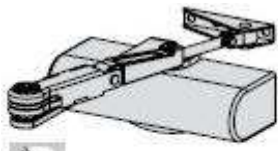
- Template and fixing instructions
- Fixing screws

Adjustments:

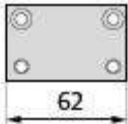
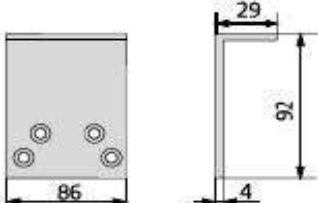
- Closing Force
- Speed of closing
- Strength of final slam

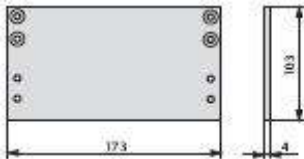
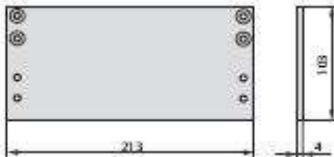
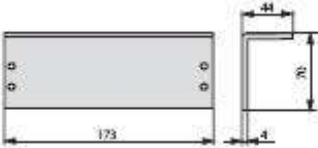
CERTIFICATION

- Where shown the CE mark granted by ICIM according to the directive 89/106/CEE.
- Where shown the voluntary certificate issued by a certifying body according to the UNI EN 1154 standard.

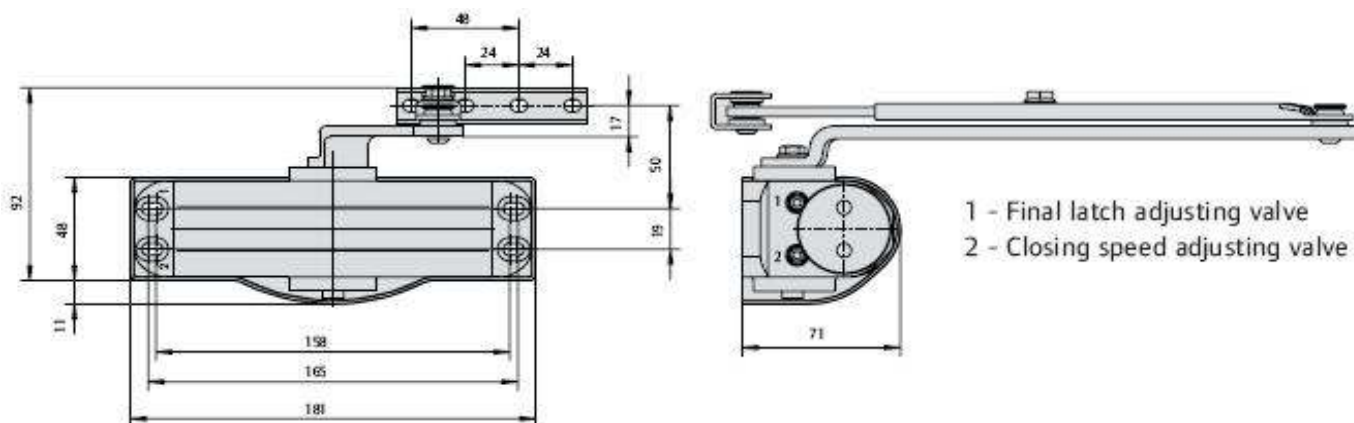
	Closing force EN1154	Max. door width	Max. door weight	Code	Size	Finish	Price
   							
MULTISTRENGTH • No hold-open device • CE Mark • Voluntary Certificate ..according to EN1154	2,3,4	850-1100	40-80	D1415	03	97	
   							
MULTISTRENGTH • No hold-open device • CE Mark • Voluntary Certificate ..according to EN1154	4,5,6	1100-1400	80-120	D1415	05	97	
 							
MULTISTRENGTH • <u>With hold-open device</u> • CE Mark • Voluntary Certificate ..according to EN1154	2,3,4 4,5,6	850-1100 1100-1400	40-80 80-120	D1416 D1416	03 05	97 97	

SMART PLUS OVERHEAD DOOR CLOSERS -SPECIAL BRACKETS & ACCESSORIES

	Code	Size	Finish	Price
				
• Arm fixing plate	07140		97	
				
• Soffit Bracket • Arm fixing angle bracket	07141		97	

	Code	Size	Finish	Price
 Drop back plate, for closers D1415-03, D1416-03 with closing strength 2-3-4	07148	00	97	
 Drop back plate, for closers D1415-05, D1416-05, with closing strength 4-5-6.	07148	01	97	
 Door closer fixing angle bracket, for D1415-03, D1416-03, with closing strength 2-3-4.	07149	00	97	
 Door closer fixing angle bracket, for D1415-05, D1416-05 with closing strength 4-5-6.	07149	01	97	

Door closer diagrams



DOOR CLOSERS

Specification

- Adjustable arm
- Valve for closing speed adjustment.
- Valve for final slam adjustment.
- Grey finish "97".

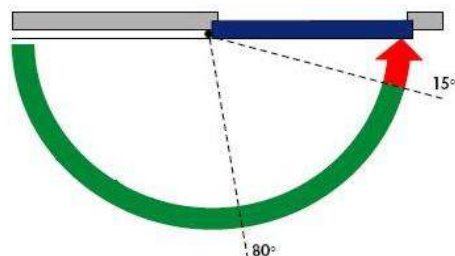


Code	Size	Price
60450	03	
60450	04	

Force table in relation to door size according to UL standards.

Size No.	REGULAR ARM			Door Weight Kgs.
	Internal Door	External Door		
		Swing Out	Swing in	
3	950	900	800	40-60
4	1050	950	900	60-85

ADJUSTMENTS



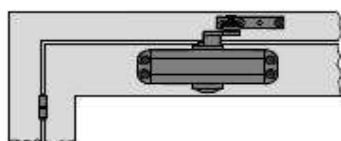
Adjustable latch action range



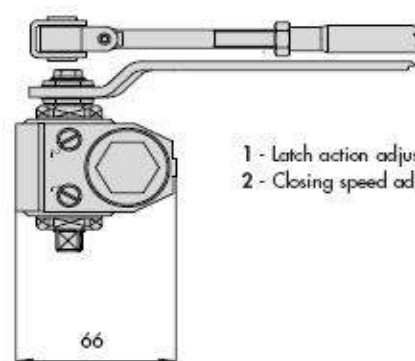
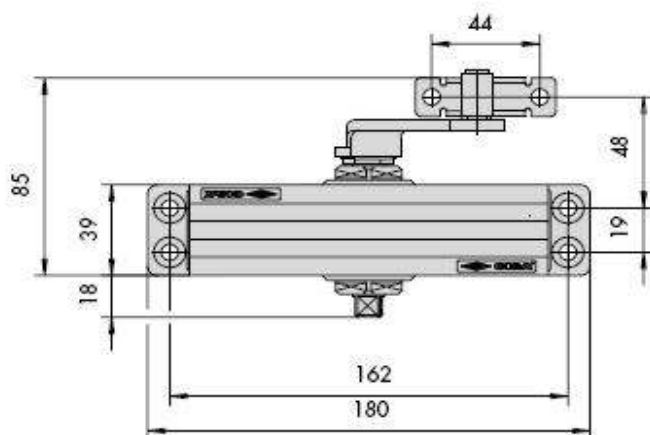
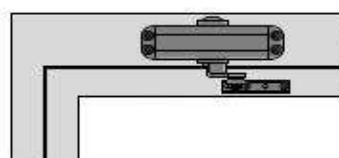
Adjustable closing speed range

INSTALLATION

Assembly on the hinge pull side



Assembly on the top jamb push side



- 1 - Latch action adjusting valve
- 2 - Closing speed adjusting valve

BRITON ELECTROMAGNETIC DOOR CONTROLS

COMMON FEATURES OF THE RANGE

Linked to the building's alarm system, electro-magnetic door controls eliminate the illegal practice of wedging doors open. This dangerous practice prevents a fire door functioning as it should in stopping the spread of flames and smoke in the event of a fire.

Hold open function enables doors to remain in an open position – ideal for corridors.

- Designed for use on low voltage 24V DC circuits
- CE marked
- Fully certified to EN1154, EN1155 & EN1634 where appropriate

BRITON 503 ELECTROMAGNETIC DOOR HOLDERS

When used in conjunction with a suitable door closing device, fire alarm and detection system, these Briton electromagnetic hold open devices permit fire doors to be held open during normal operation. In the event of fire or smoke detection the units are automatically de-activated and the doors will close under the action of the door closer.

- Fully Compliant with EN 1155
- Built in release/test button to simulate alarm activation in order to check operation on a regular basis



CE



TIMBER DOORS



ELECTRICAL



		Code	Finish	Price
	Electro Magnetic Door Holder Surface Mounted in White finish only	IB503	WH	
		IB533	WH	

Briton[®]

2800 Series



Transom Concealed Door Closer

IR Ingersoll Rand
Security Technologies

Product Selector

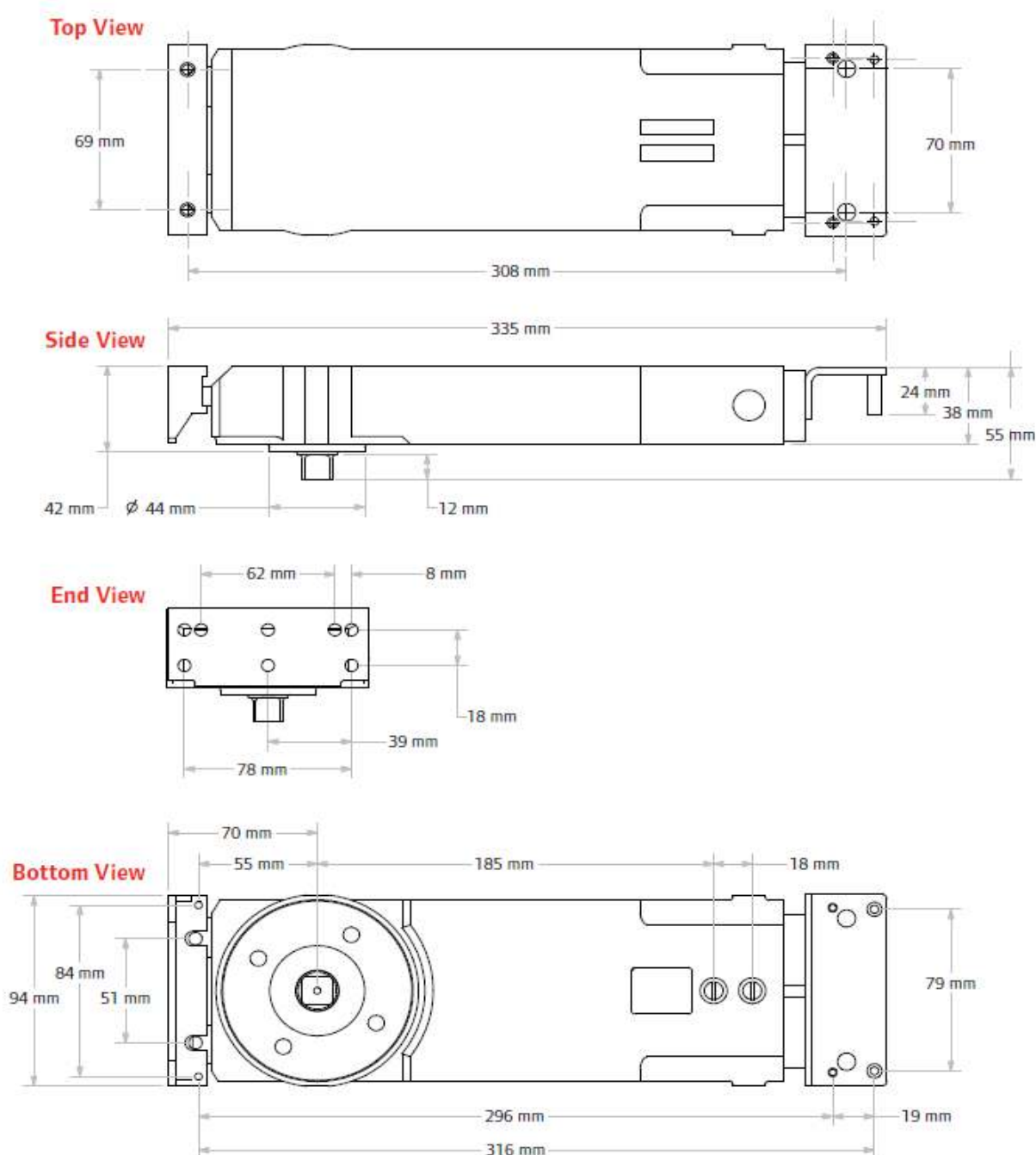
		Hold-Open Door Control 130° Backstop, 90° Hold-Open		Non-Hold-Open Door Control 130° Backstop	
Configurations	Side Load Arm with DP Pivot		2803.H.SL		2803B.SL
	End Load Arm with AP Pivot	2803.H.EL		2803B.EL	
Features	Closer Size	2-4	2-4	2-4	2-4
	Method of Force Adjustment	Wind-through	Wind-through	Wind-through	Wind-through
	Maximum Door Width	1100 mm	1100 mm	1100 mm	1100 mm
	Maximum Door Weight	80 kg	80 kg	80 kg	80 kg
	Opening Requirements	Double or Single-Action	Double or Single-Action	Double or Single-Action	Double or Single-Action
	Size [Length x Height x Depth]	305 mm x 38 mm x 94 mm	305 mm x 38 mm x 94 mm	305 mm x 38 mm x 94 mm	305 mm x 38 mm x 94 mm
	Cylinder Material Construction	Cast Iron	Cast Iron	Cast Iron	Cast Iron
	Piston Diameter	28.5 mm	28.5 mm	28.5 mm	28.5 mm
	Heat Treated Forged Steel Piston	•	•	•	•
	All Weather Fluid	•	•	•	•
	Maximum Angle of Opening	130°	130°	130°	130°
	Angle of Hold-Open	90°	90°		
	Retained Valves	•	•	•	•
	Adjustable Closing and Latch Speed	•	•	•	•
	Cover Plate for Timber Applications	Optional	Optional	Optional	Optional
	Easy to Read Instructions	•	•	•	•
	Warranty	5 years	5 years	5 years	5 years
Components and Spares	Cylinder	2803.M.H	2803.M.H	2803B.M	2803B.M
	Side Load Arm and DP Pivot Kit	2800.SLP	2800.SLP	2800.SLP	2800.SLP
	End Load Arm and AP Pivot Kit	2800.ELP	2800.ELP	2800.ELP	2800.ELP
	Cover Plate	2800.CPT.SE	2800.CPT.SE	2800.CPT.SE	2800.CPT.SE

	Code	Type	Price
Closer c/w Side load arm kit	IB2803	H.SL	
Closer c/w End load kit	IB2803	H.EL	
Closer c/w Side load arm kit	IB2803	B.SL	
Closer c/w End load kit	IB2803	B.EL	
Side Load Arm Pack	IB2800	SLP	
End Load Arm Pack	IB2800	ELP	
Cover Plate	IB2800	CPT	

Transom Concealed Door Closers

Briton overhead concealed door closers offer an aesthetically pleasing way to control a door opening. They are suitable for a wide range of both interior and exterior applications, including aluminium, timber, and hollow metal doors and frames. In addition to providing years of maintenance-free operation, the Briton 2800 Series is Easy to Select, Easy to Install, and Easy to Bundle with other Ingersoll Rand hardware.

- Fully adjustable (2-4) without compromising accessibility
- Durable cast iron construction ensures product longevity
- Non-handed wind-through adjustable for easy on-site door installation
- Fits inside standard header for aesthetics and minimizes vandalism
- Easy to read instruction sheets for easy and accurate installation
- Optional 90° hold-open to ease accessibility on non-fire doors
- 5-year guarantee for peace of mind

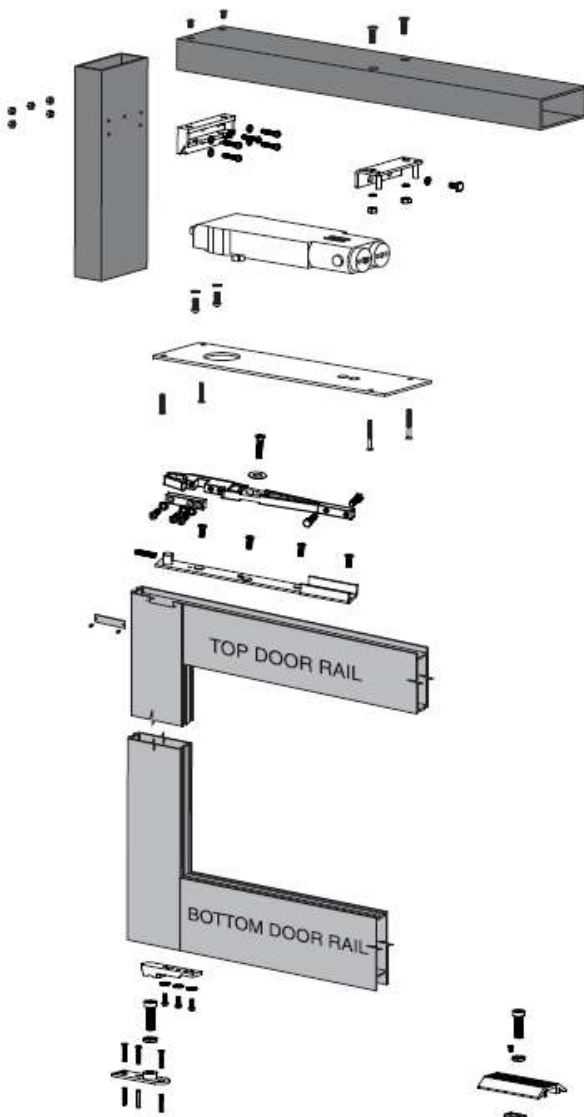


Mounting Application

Aluminium Door and Frame

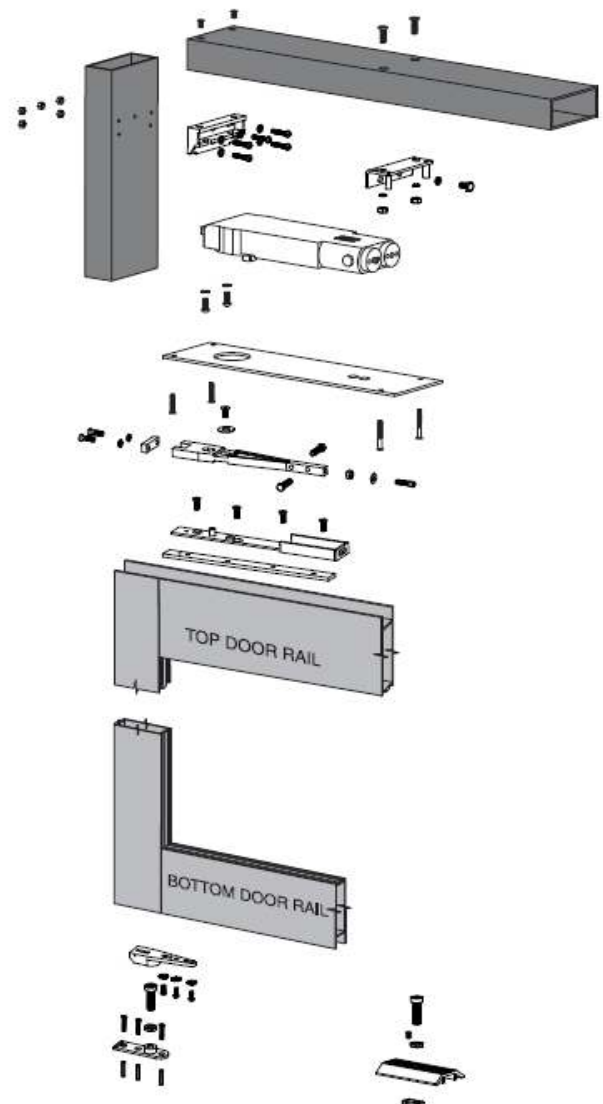
Side Load

Double or Single-Action
Aluminium Door and Frame
16 mm Top Rail



End Load

Double or Single-Action
Aluminium Door and Frame
16 mm Top Rail



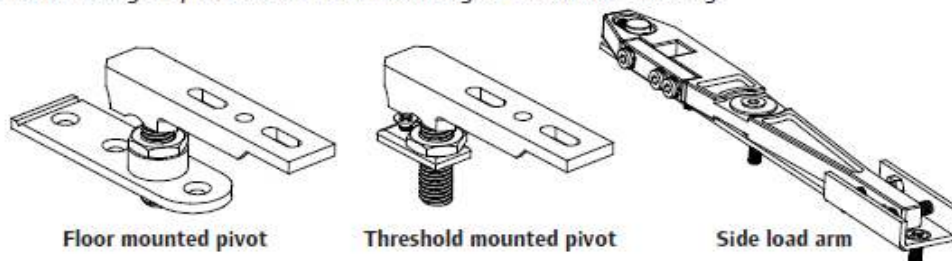
Briton 2800 Series Concealed Door Closers can also be fitted to timber doors and hollow metal doors

Spares & Accessories

Components below are supplied as standard on their respective models.
Components listed below are also available as spares.

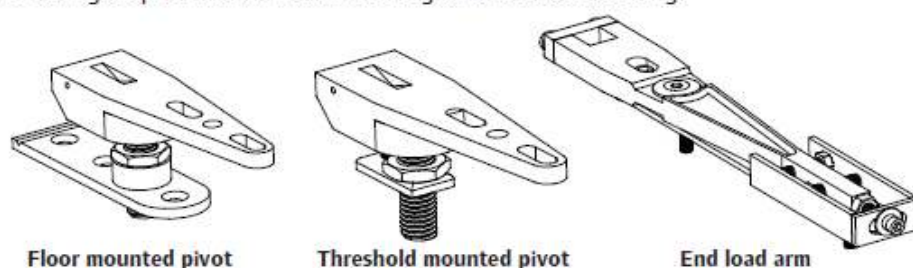
Side Load Arm and DP Pivot Kit – 2800.SLP

Side load arm to suit 16 mm recessed metal top rail. Pivot has adjustable height and capacity up to 80 kg door weight. Kit includes components to configure pivot to suit floor mounting or threshold mounting.



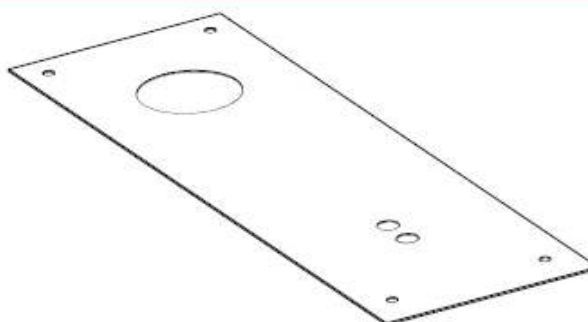
End Load Arm and AP Pivot Kit – 2800.ELP

End load arm to suit 16 mm recessed metal top rail. Pivot has adjustable height and capacity up to 80 kg door weight. Kit includes components to configure pivot to suit floor mounting or threshold mounting.



Cover Plate – 2800.CPT.SE

Aesthetic cover plate for timber applications.



Sample Specifications

2800 Series

BRITON 2800, EN 2-4

Non-handed and power adjustable (wind through EN 2-4), all weather fluid, closing and latch speed adjustment using tamper resistant valves. Steel piston and cast iron construction concealed within a 41 mm x 95 mm metal header or 75 mm x 127 mm timber header to suit door thickness of 37 mm (metal recess) or minimum 44 mm (timber).

Optional features include:

- 90° Hold-Open
- Side Load Arm
- End Load Arm
- Cover Plate

This page intentionally left blank.