CISA

Overhead door closers
Series D7200

Ingersoll Rand
Security Technologies

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.

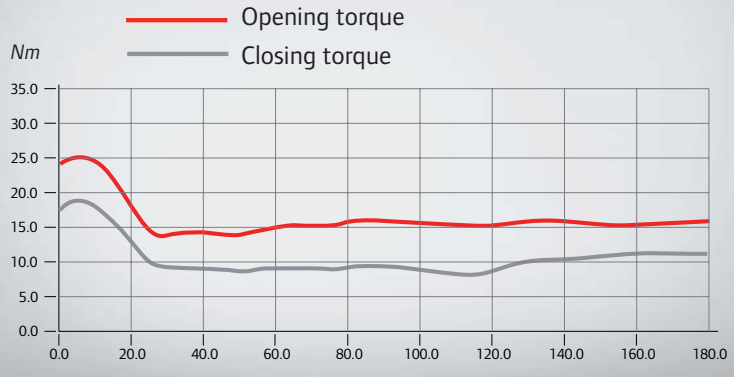
EASY OPENING, CLOSING IN MAXIMUM SECURITY

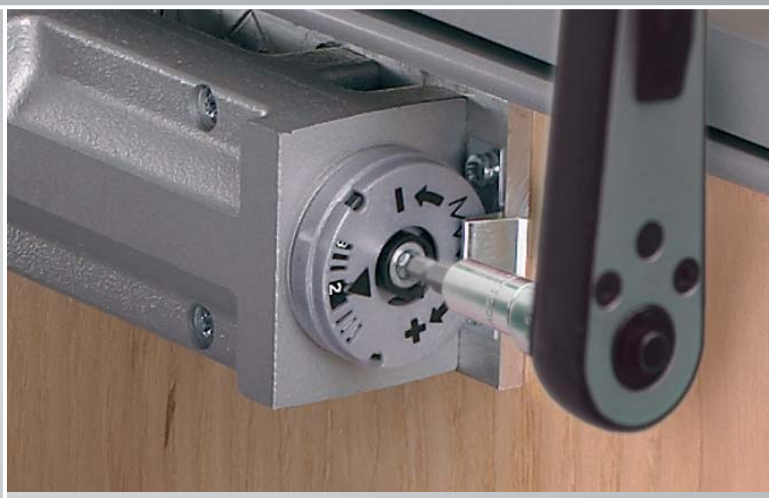
Contrary to what happens with traditional door closers, the technology used in the D7200 range combined with a sliding track arm allows great efficiency in opening. The initial opening force decreases in a sudden manner to allow the opening of doors even of large size and weight by the elderly and children.

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.

Finishes

Black RAL 9005
Fin. 44

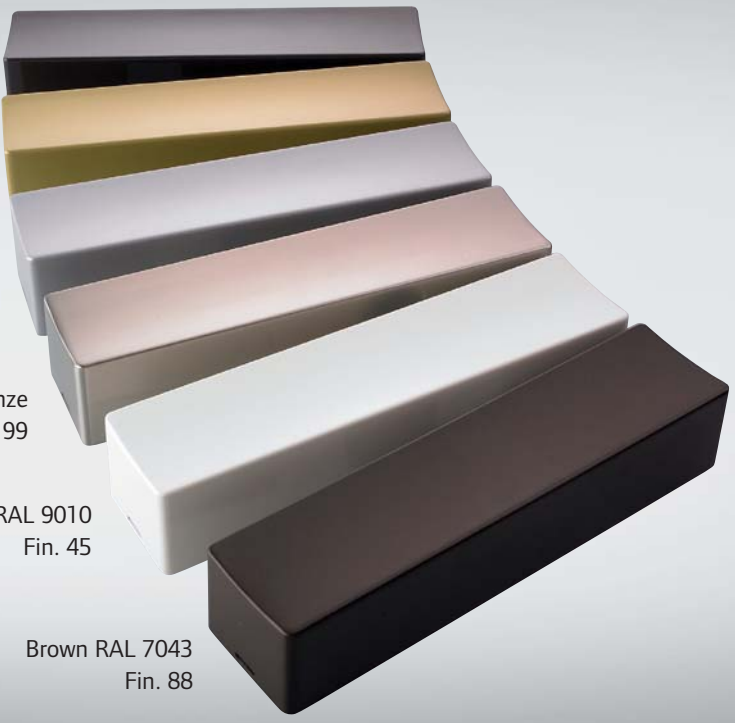
Champagne
Fin. 87

Silver RAL 4006
Fin. 97

Dark bronze
Fin. 99

White RAL 9010
Fin. 45

Brown RAL 7043
Fin. 88



On request:
satin finished stainless steel
Fin. C2

Features and functions

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° 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.

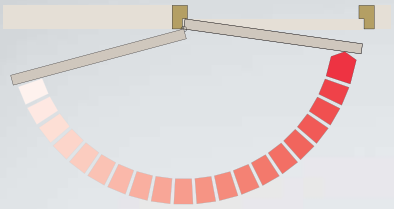
H Sliding track arm that ensures maximum smoothness of the opening and closing cycle.

I Fixing plate and adhesive template for fast, easy installation.

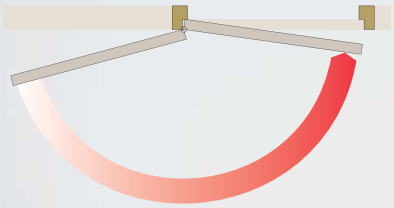
J Different functions to meet any operation needs.

Adjustments

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

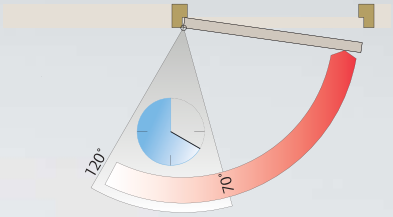


2 Closing speed adjustment from 120° to 7°.

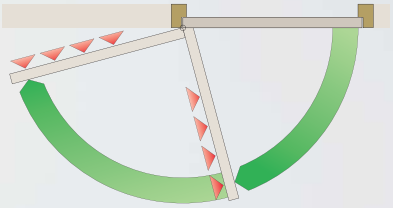


3 Final slam adjustment during the last 7°.

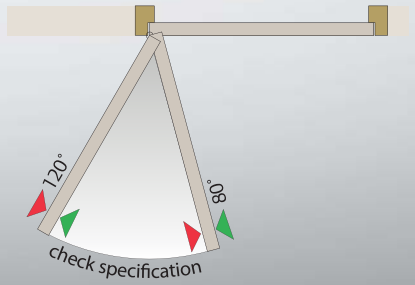
4 Closing delay adjustment. It allows people to pass freely by further slowing down the closing speed between 70° and 120°.



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.

Types of application

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°.

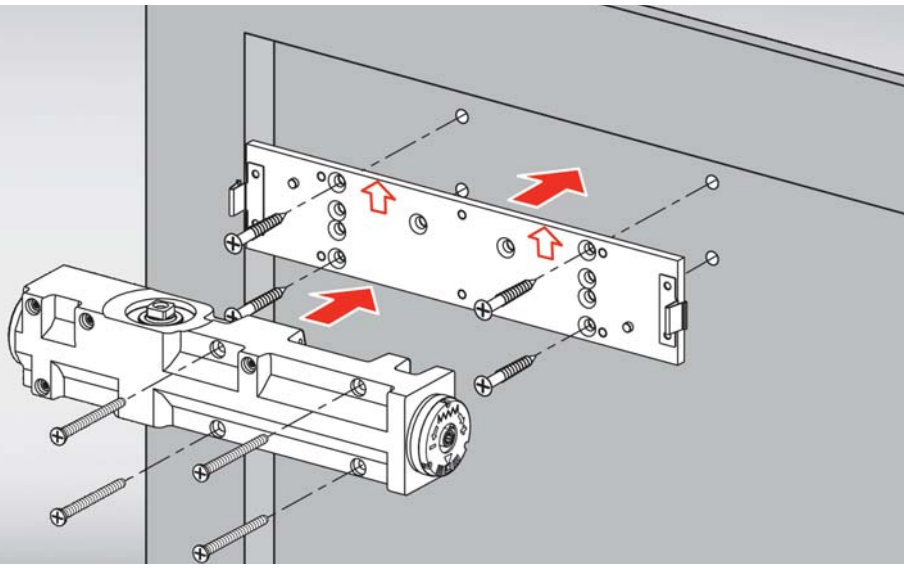
CISA 1.D7210.04.0
Inward opening door (pull), door closer installed on the door frame.

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°.

Types of application

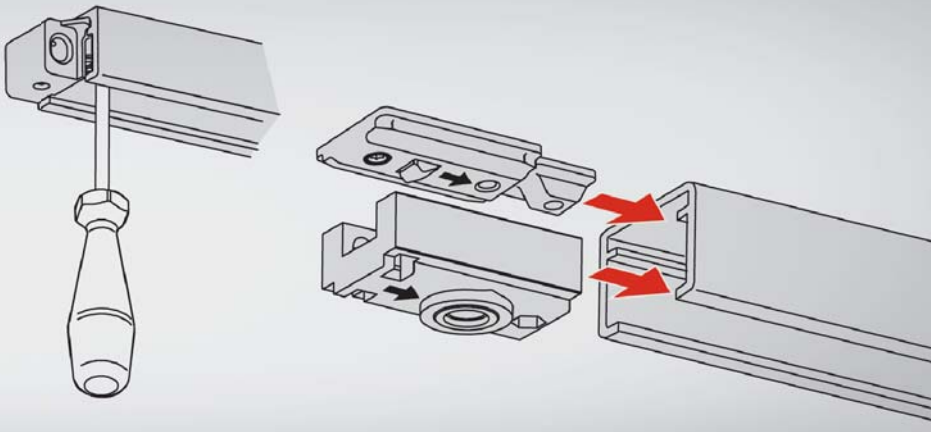
ASSEMBLY PLATE

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.



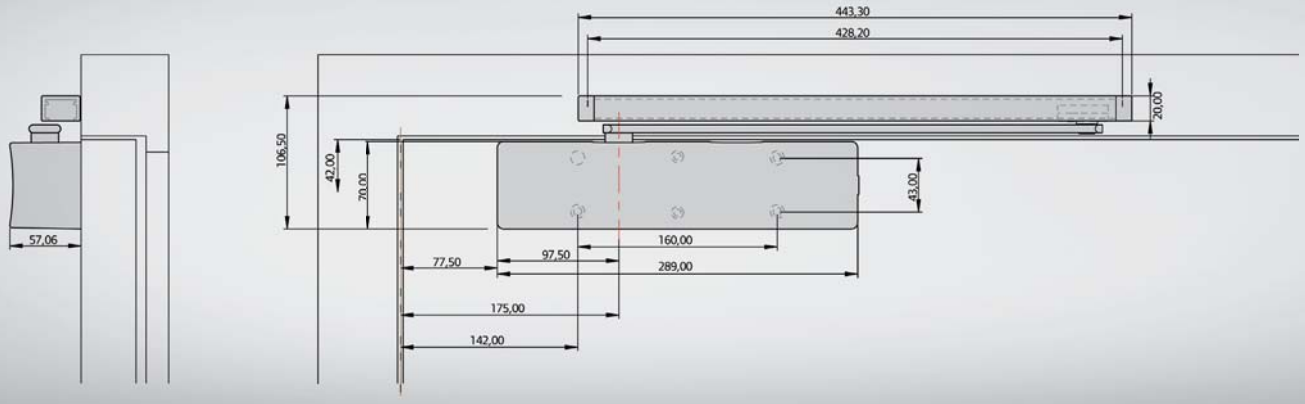
MECHANICAL STOP DEVICE

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.

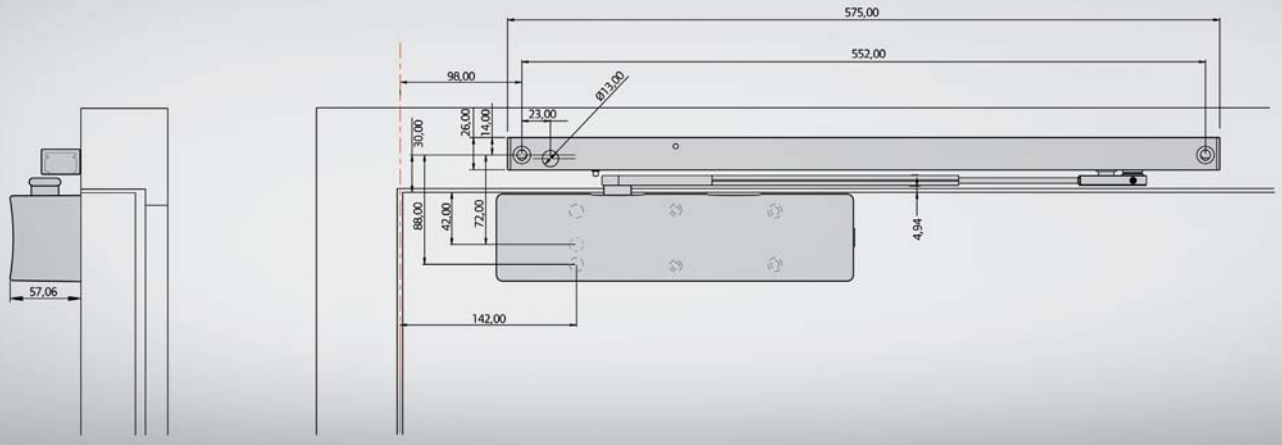


Dimensional drawings

Standard door closer with or without stop arm



Door closer with electromagnetic stop arm



Choosing the right product

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.

CE

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

Ingersoll Rand
Security Technologies

Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. The sector's market-leading products include electronic and biometric access-control systems; time-and-attendance and personnel scheduling systems; mechanical locks; portable security; door closers, exit devices, architectural hardware, and steel doors and frames; and other technologies and services for global security markets.

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