Door closers and door operators

TESA

ASSA ABLOY

Safety that begins when door opens

The TESA Door Closer range offers solutions for controlled closing of any kind of door, be it made of wood, aluminium, steel or glass, and of course, Fire Doors.

Regardless the door material, dimensions or weight, this catalogue offers a wide scope of solutions for each need, from the entrance door to an apartment building to very specific applications like the access to surgery areas in a hospital, corridors and rooms in a Hotel or outstanding doors in museums or historic buildings.

If you could not find a solution for your specific need in the TESA closer range, it simply does not exist.

Versatility

TESA's door closers are ideal for a wide range of situations – from private homes to the commercial or public sector and for heavy or lightweight doors. The modular design simplifies planning, while the intelligent setting adjustment and installation features ensure easy installation.

Fire doors and en1154 standard: alliance for safety

The standardisation of minimum performance requirements for a Door Closer came in 1996 with EN1154 standard, which was later on revised and updated in 2002.
Nowadays, most of the European Countries request a EN1154 certified Door Closers for every Fire Door involved in a Fire Prevention plan.
This is why certified and CE marked Door Closers play a central role in the Fire Protection of any building.
Bearing in mind the importance of protecting people's lives, the fulfilment of minimum requirements of EN1154 has never been a goal in TESA, but the very starting point of development for all CE marked models in our range.

Guaranteed by TESA

Buying TESA is a quality guarantee. All our products boast the highest guarantees, such as the ISO 9001 Quality certificate, the environmentally-conscious ISO 14001 and the Occupational Hazard Prevention standard. TESA offers ecologically sustainable quality products, manufactured by highly dedicated staff.

Controlled and efficient closing

Every TESA door closers features at least two speed control valves, and, of course, the closing power can be adjusted to door size.
That is the case in our multi-size models, which offer 2 or 3 sizes in a single closer or the more advanced models featuring continuously adjustable size, which allows perfect adaptability of closing power to the exact requirements of each specific door.

Accessibility

Disabled, Elderly and Children... a growing population sector that needs easier access through every door.

TESA is proud to offer a complete range of CAM MOTION door closers which feature SOFT TOUCH opening.

DEC
Disabled, Elderly and Children

ISO 9001 / ISO 14001 CERTIFIED SYSTEM

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Closer selection

Standard Arm

EN size	Width	Weight	CT500	CT1800 CT2500	CT300036 + BN3000	CT300057 + BN3057
1	75 cm	20 Kgs				
2	85 cm	40 Kgs	•	•	•	
3	95 cm	60 Kgs	•	•	•	
4	110 cm	80 Kgs		•	•	
5	125 cm	100 Kgs			•	•
6	140 cm	120 Kgs			•	•
7	160 cm	160 Kgs				•
	Traffic intensity		Medium	High	Very High	Very High

Sliding guide rail

EN size	Width	Weight	CT2300	CT300036 + GD3000	CT4500	CT5000	CT5700
1	75 cm	20 Kgs		•	•	•	
2	85 cm	40 Kgs		•	•	•	
3	95 cm	60 Kgs	•	•	•	•	
4	110 cm	80 Kgs		•	•	•	
5	125 cm	100 Kgs				•	•
6	140 cm	120 Kgs				•	•
7	160 cm	160 Kgs					•
	Traffic intensity		Medium	Very High	High	Very High	Very High

Concealed

EN size	Width	Weight	TEX703	TEX14	TEX26
1	75 cm	20 Kgs		•	•
2	85 cm	40 Kgs		•	•
3	95 cm	60 Kgs	o	•	•
4	110 cm	80 Kgs		•	•
5	125 cm	100 Kgs			•
6	140 cm	120 Kgs			
7	160 cm	160 Kgs			
	Traffic intensity		Medium	High	Very High

Floor springs

EN size	Width	Weight	CTSU70	CTSU100	CTSU200	CTSU300
1	75 cm	20 Kgs				
2	85 cm	40 Kgs	o	•	o	
3	95 cm	60 Kgs	o	•	o	•
4	110 cm	80 Kgs	o	•	o	•
5	125 cm	100 Kgs				•
6	140 cm	120 Kgs				•
7	160 cm	160 Kgs				•
	Traffic intensity		Medium	High	High	Very High

Size coding: o Single fixed size • Selectable sizes by position
Continously Adjustable size with fine tune control

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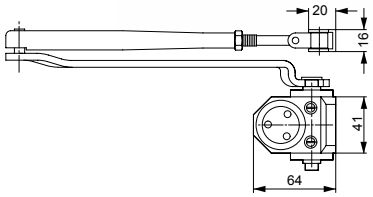
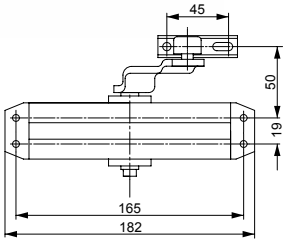
Link arm door closers

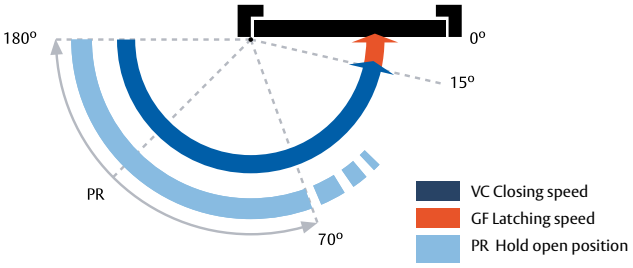
CT500

The CT500 is a door closer that offers good performance in a compact size.
It can drive doors from size 2 to 3. This means that the CT500 will feel comfortable closing doors weighing from 40 to 60 Kg. and up to 95 cm. door width.
This capability is achieved in a single model thanks to the variable position installation system.

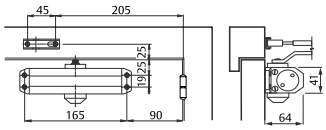
- » Rack and pinion mechanism for smooth and reliable operation.
- » Two valves to adjust both sweep and latch speeds separately.
- » Two sizes (EN2&EN3) in a single model.
- » Reversible.
- » CT501 model permits to hold the door open at any position between 0º and 180º.
- » Suitable for doors opening inwards or outwards.:
  - Standard mounting: Door opens INWARDS, mounting on the pull side.
  - Transom mounting: Door opens OUTWARDS, mounting on the push side.
- » Four finishes: BL: White, NE: Black, PL: Silver, OR: Gold



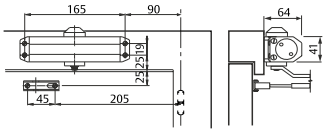




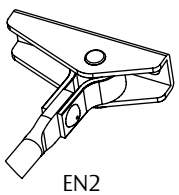
Mounting on pull side



Mounting on push side

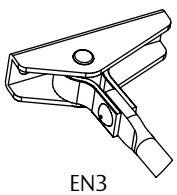


Standard arm		
Size	Code	Finish
2 - 3	CT50023BL	White
2 - 3	CT50023NE	Black
2 - 3	CT50023OR	Gold
2 - 3	CT50023PL	Silver
Hold open arm		
Size	Code	Finish
2 - 3	CT50123BL	White
2 - 3	CT50123NE	Black
2 - 3	CT50123OR	Gold
2 - 3	CT50123PL	Silver



EN2

Size



EN3

Link arm door closers

CT1800

Multi size door-closer (2-3-4) by means of three mounting positions.
CT1800 has been EN1154 certified and hence valid for Fire Doors.

- One model for three sizes: EN2, EN3 and EN4
- Maximum opening up to 180° (depending on door hinges and environment). Up to 105° mounted at size 4.
- Distance between fixing holes is 19 mm: CT1800 closers fit any aluminium door.
- Reversible, non handed.
- Finishes: White (BL), Black (NE), Silver (PL).

Classification with EN1154:1996+A1:2002

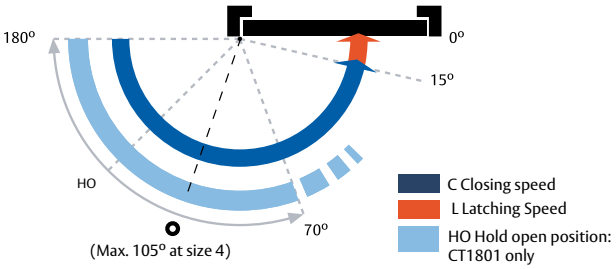
Standard arm transom mountings:

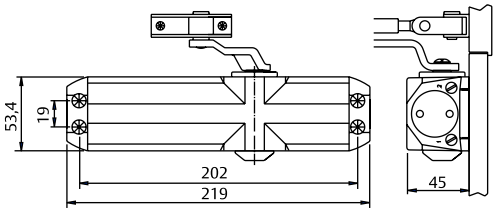
3	8	2/4	1	1	4

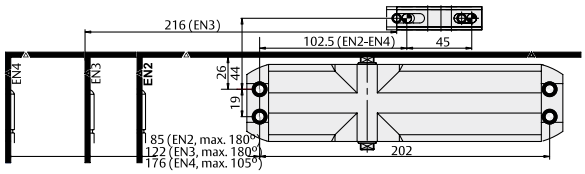
With paralell arm bracket SOP1800

3	8	3	1	1	4

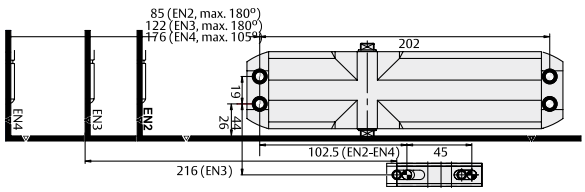
EN 1154 CERTIFIED
Fire door





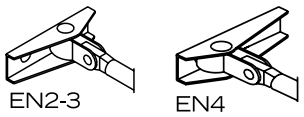


Standard mounting: Pull side



Transom mounting: Push side

Size	Door Width cm	Door Weight Kg	Adjustment
2	85	40	VC - GF
3	95	60	VC - GF
4	110	80	VC - GF



Non hold open (EN1154 Certified)		
Size	Model	Finish
2 - 4	CT180034BL	White
2 - 4	CT180034NE	Black
2 - 4	CT180034OR	Gold
2 - 4	CT180034PL	Silver
Hold open (Not suitable for fire doors)		
Size	Model	Finish
2 - 4	CT180134BL	White
2 - 4	CT180134NE	Black
2 - 4	CT180134OR	Gold
2 - 4	CT180134PL	Silver
Paralell arm installation bracket		
	Reference	Finish
	SOP1800BL	White
	SOP1800NE	Black
	SOP1800OR	Gold
	SOP1800PL	Silver

SOP1800 Parallel Arm installation bracket.

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Link arm door closers

CT2500

CT2500 door closers stand out for their versatility and stylish design.

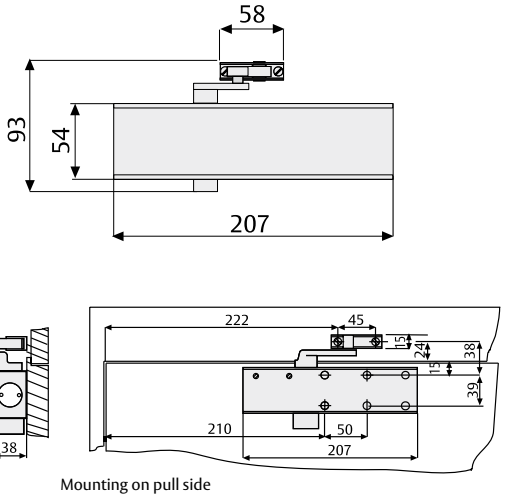
- One model for three sizes: EN2, EN3 and EN4
- Unique body and arm hole pattern for three sizes.
- Maximum opening up to 180º
- Sweep speed and latching speed fully adjustable with separate valves.
- Backcheck valve to protect the door against violent openings.
- CT2501: Includes adjustable hold open arm, for any door open position up to 180º.
- Reversible, non handed.
- Finishes: White (BL), Black (NE), Silver (PL).

EN 1154 CERTIFIED
Fire door

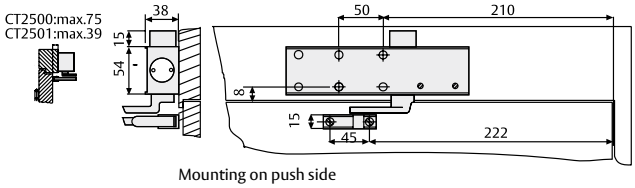
Classification according EN1154:1996+A1:2002

Standard arm transom mountings:

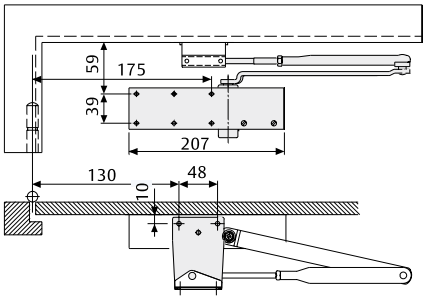
4	8	2/4	1	1	4

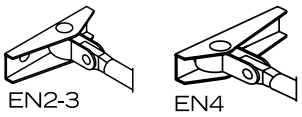


Mounting on pull side

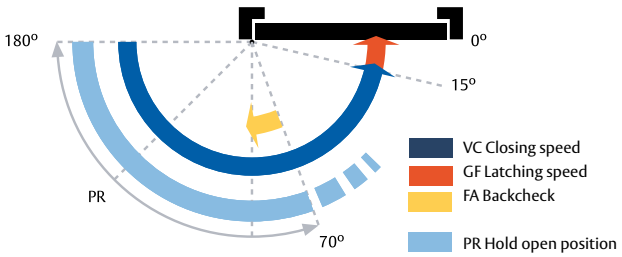


Mounting on push side





Size	Door Width cm	Door Weight Kg
2	85	40
3	95	60
4	110	80



Non hold open (EN1154 Certified)		
Size	Model	Finish
2 - 4	CT250034BL	White
2 - 4	CT250034NE	Black
2 - 4	CT250034OR	Gold
2 - 4	CT250034PL	Silver
Hold open (Not suitable for fire doors)		
Size	Model	Finish
2 - 4	CT250134BL	White
2 - 4	CT250134NE	Black
2 - 4	CT250134OR	Gold
2 - 4	CT250134PL	Silver
Paralell arm installation bracket		
	Model	Finish
	SOP2500BL	White
	SOP2500NE	Black
	SOP2500OR	Gold
	SOP2500PL	Silver

The CT2500 and CT2501 are size 3 when paralell arm mounting is used.

Link arm door closers

CT3000

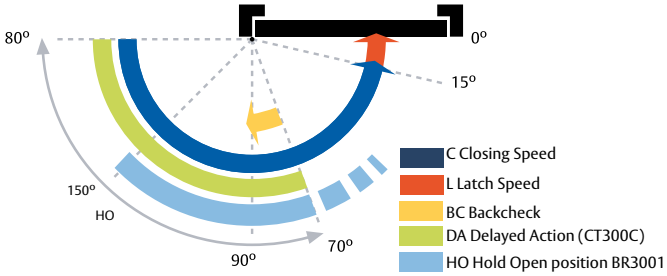
CT3000 closers offer the most refined size and speed adjustment capability, an outstanding power adjustment scope and impressive hydraulic control for heavy doors up to 160 kg. These and other characteristics make it be the professional's choice for any heavy duty door subjected to high traffic volumes, wind draughts or even abuse.

» EN1154 certified: EN1154:1996+A1:2002

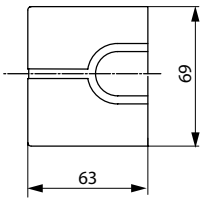
CT300036 with link arm:	4	8	2/6	1	1	4
CT300036 with guide rail:	4	8	1/4	1	1	4

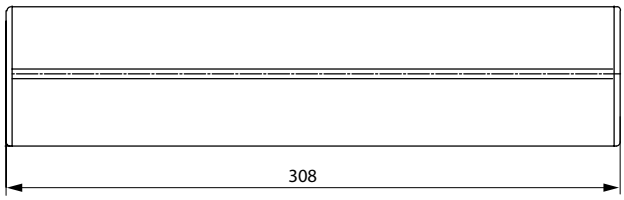
» Continuously adjustable size from EN2 to EN6.
» CT300036 combined with guide rails is size adjustable from EN1 to EN4.
» Backcheck valve to protect the door against violent openings.
» CT300C36 includes Delayed Action valve.
» DCL192: Adjustaable hold open arm.
» Internal Safety Valves protect the closer mechanism and door environment from rough or abusive use thancks to, their pressure relief action.
» Outstanding thermal behaviour. Working temperature: -35ºC to 50ºC

EN 1154 CERTIFIED
Fire door



Extendable height spindle 14 mm.

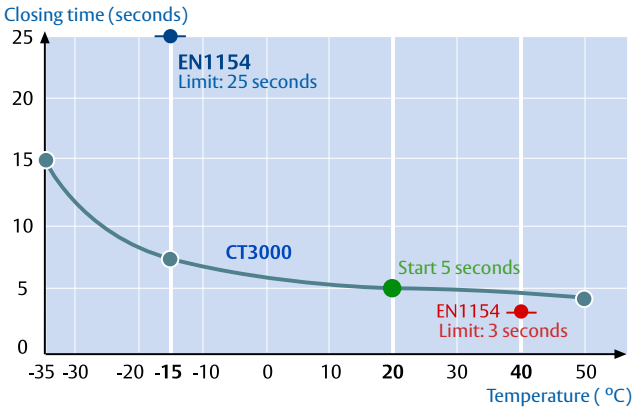




CT300036 - CT300C36				
Size	B.C (Back check)	D.A (Delayed action)	Model	Finish
2 - 6	Yes	-	CT300036BL	White
2 - 6	Yes	-	CT300036NE	Black
2 - 6	Yes	-	CT300036OR	Gold
2 - 6	Yes	-	CT300036PL	Silver
2 - 6	Yes	-	CT300036IM	Stainless steel
2 - 6	Yes	Yes	CT300C36BL	White
2 - 6	Yes	Yes	CT300C36NE	Black
2 - 6	Yes	Yes	CT300C36OR	Gold
2 - 6	Yes	Yes	CT300C36PL	Silver
2 - 6	Yes	Yes	CT300C36IM	Stainless steel

Size (EN 1154)	Door width cm	Door weigth Kg
2	85	40
3	95	60
4	110	80
5	125	100
6	140	120
7	160	160

CT3000: Stable under any circumstance
Closing time versus temperature



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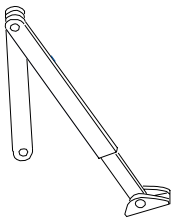
Link arm door closers

DCL190

Standard arm, for CT3000

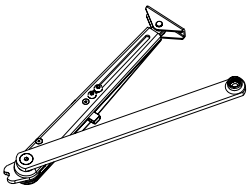
DCL190 Standard arm	
Model	Finish
DCL190-----EV1-	Silver
DCL190-----35--	Stainless steel
DCL190-----9005	Black
DCL190-----9016	White



DCL192

Hold open arm, for CT3000

DCL192 hold open arm	
Model	Finish
DCL192-----EV1-	Silver
DCL192-----9005	Black
DCL192-----9016	White



DCG195

Height-adjustable guide rail, for CT3000, CT4500 and CT5000

Model	Finish
DCG195-----EV1-	Silver
DCG195-----35--	Stainless steel
DCG195-----9005	Black
DCG195-----9016	White

DCG193

Standard guide rail, for CT3000, CT4500 and CT5000

Model	Finish
DCG193-----EV1-	Silver
DCG193-----9005	Black
DCG193-----9016	White

DCA152

Hold open device for DCG193 and DCG195 guide rails. Max. Hold Open position: 150°. Includes Hold Open force adjustment.

Model	Finish
DCA152---------	-

DCA153

Opening limit device for DCG193 and DCG195 guide rails. Max. door stop position: 150°.

Model	Finish
DCA153---------	-

Link arm door closers

CT300057

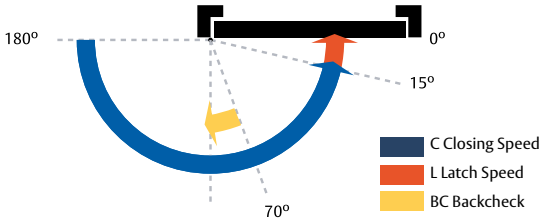
The powerful closer for big doors, keeping the continously adjustable size capability for a smooth door opening.

» Certified with UNE-EN1154: 1996 + A1:2002

4	8	5/7	1	1	4

» Adjustable size EN5-EN7.
» Valve adjustable closing speed.
» Valve adjustable latching speed.
» Valve adjustable backcheck.
» Double internal safety valves
» Extendable spindle height 14 mm.
» Same body size and external design as CT300036.
» To be use with DCL197 only.

EN 1154 CERTIFIED
Fire door



Extandable spindle heigth 14 mm.

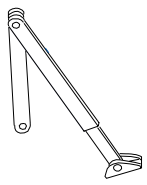
CT300057			
Size	B.C. (Backcheck)	Model	Finish
5 - 7	Si	CT300057BL	White
5 - 7	Si	CT300057NE	Black
5 - 7	Si	CT300057OR	Gold
5 - 7	Si	CT300057PL	Silver
5 - 7	Si	CT300057IM	Stainless steel

Size (EN 1154)	Door width cm	Weigth door Kg
5	125	100
6	140	120
7	160	160

DCL197

Extra strong link arm for CT300057.

DCL197 Extra strong link arm	
Model	Finish
DCL197------35-	Stainless steel
DCL197-----EV1-	Silver
DCL197-----9005	Black
DCL197-----9016	White



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Link arm door closers

CT3000LE free swing function

EN 1154 CERTIFIED
EN 1155 CERTIFIED
Fire door

Fire safety and maximum accessibility are finally binded together with CT3000LE
The CT3000LE is a must have in elderly residences, kindergartens and many health care environments.

DEC Disabled, Elderly and Children

» Certified with EN1154: 1996 + A1:2002

With DCL190 and DCL690:	4	8	3/6	1	1	3
With DCG195 and DCG694:	4	8	3/4	1	1	3

» Certified with EN1155: 1997 + A1:2002

With DCL190 and DCL690:	3	8	3/6	1	1	3
With DCG195 and DCG694 :	3	8	3/4	1	1	3

Model	Finish
CT3000LEBL	white
CT3000LENE	black
CT3000LEPL	silver

» The CT3000LE is equipped with an electro-hydraulic valve capa ble of blocking the internal fluid circuit.
This can be used for free-swing function or for hold open function by choosing the appropiate arms or guide rails.
» Adjustable size EN3-EN6 with link arms DCL190 and DCL690
» Adjustable size EN3-4 with guide rails DCG195 and DCG694
» Independent valve adjustment for closing and latching speeds.
» Steel cover included with painted finish.
» Zinc plated steel mounting plate included.
» Extendable heiht spindle (14 mm.)
» Double internal safety valves with pressure relief action.
» Power supply: 24 VDC; 90 mA; polarity free connection.

DCL690 Free swing function	
Model	Finish
DCL690-----EV1-	Silver
DCL690-----9005	Black
DCL690-----9016	White

DCG694 Free swing guide rail	
Model	Finish
DCG694-----EV1-	Silver
DCG694-----9005	Black
DCG694-----9016	White

DCL190 Standard arm	
Model	Finish
DCL190-----EV1-	Silver
DCL190-----9005	Black
DCL190-----9016	White

DCG195 Guide rail	
Model	Finish
DCG195-----EV1-	Silver
DCG195-----9005	Black
DCG195-----9016	White

When combined with link type arm DCL690 or sliding guide rail DCG694, the CT3000LE provides free-swing function:
The spring is loaded in the first opening only.
Then the door will swing freely, with no action from the door closer.
Moving the door will require no effort at all.
If the power supply is cut (for example, by the fire alarm) the CT3000LE "awakens" and will close the door wherever it is.
It will work as a normal CT3000 door closer while the power is off.

When combined with standard arm DCL190 or standard guide rail DCG195, the CT3000LE provides Hold Open function:
The door can be opnened at any position (Min 70°) and it will stay open.
If the door open position needs to be expanded, the door can be just pushed further, up to 160°
If the power supply is cut (for example, by the fire alarm) the CT3000LE "awakens" and will close the door wherever it is.
It will work as a normal CT3000 door closer while the power is off.

CAC3000LE electric connection box	
Model	Finish
CAC3000LEBL	White

Electric connections box, recommended when the CT3000LE is mounted on the door leaf

Sliding guide rail closers

CT2300

EN 1154 CERTIFIED
Fire door

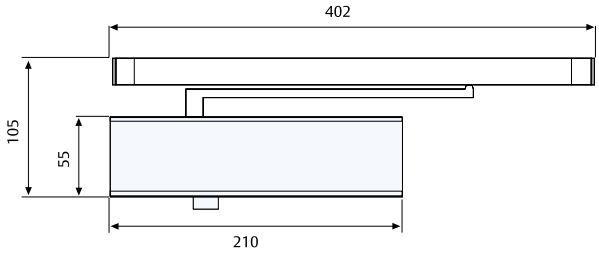
Slim design guide rail closer for Standard and Fire Doors of medium and high pedestrian traffic.

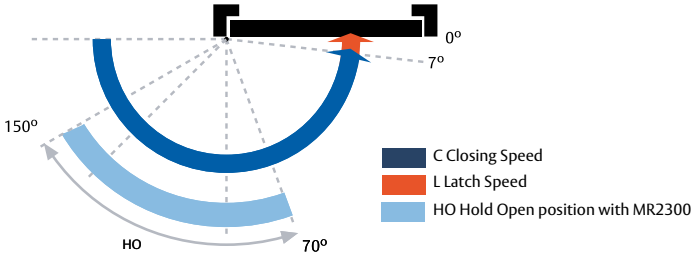
» EN 1154:1996 + A1:2002 certified:

Mounting at pull side:

4	8	3	1	1	3

» Progressive rack and pinion mechanism for high efficiency and easy opening.
» Two separate valves for closing and latching speed adjustment.
» MR2300 Hold open module allows holding door open up to 120º.
» Finishes: White (BL), Black (NE), Silver (PL)





Model	Finish
CT230023BL	White
CT230023NE	Black
CT230023OR	Gold
CT230023PL	Silver

L

Sliding guide rail closers

CT4500

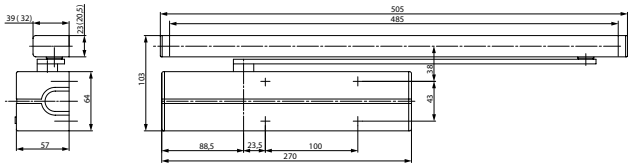
EN 1154 CERTIFIED
Fire door

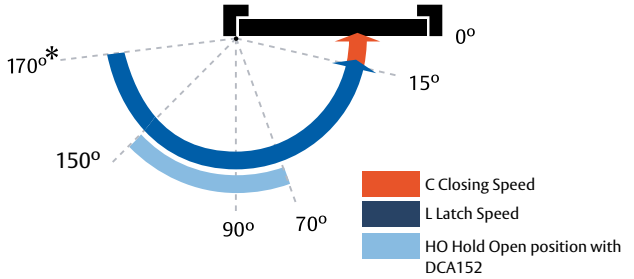
Door closer with Cam-Motion® technology and height-adjustable guide rail G195 or standard guide rail G193

- » Fulfils barrier-free building requirements (DDA / CEN TR 15894)
- » Certified in compliance with EN 1154, size 1-4
- » Suitable for fire and smoke protection doors
- » Can be used in four installation types: hinge and non-hinge sides in standard and frame installation
- » Axis continuously height adjustable up to 14 mm
- » Closing speed, latching speed and backcheck adjustable via front facing regulating valves
- » Internal safety valve with pressure relief action.

EN 1154:1996 + A1:2002 certified: 3 | 8 | 1/4 | 1 | 1 | 3

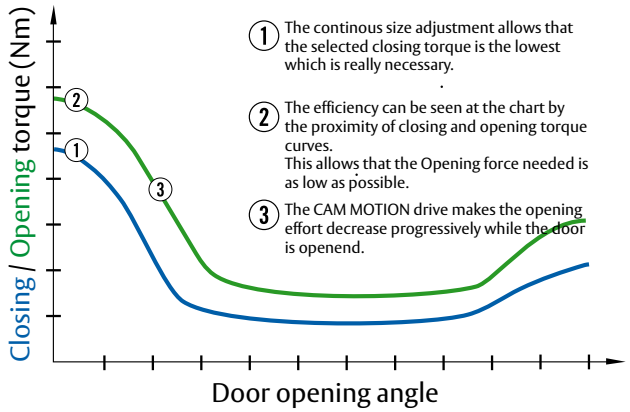
DEC
Disabled, Elderly and Children





*When mounted at the PUSH side.

The CAM MOTION drive:
CT4500 works with the exclusive symmetric CAM MOTION drive that the brilliant CT5000 has made famous.
By achieving the highest efficiency and torque output characteristics, the CT4500 makes the door opening feel smooth as silk while assuring a reliable door closing under all circumstances.
Approved for use in DEC environment like Elderly homes, health care facilities and kindergartens.
(DEC= Disabled, Elderly and Children)



Size (EN 1154)	Door width cm	Door weigth Kg
1	75	20
2	85	40
3	95	60
4	110	80

Model	Size	Finish
CT450014BL	1 - 4	White
CT450014NE	1 - 4	Black
CT450014PL	1 - 4	Silver
CT450014IM	1-4	Stainless steel

Sliding guide rail closers

CT5000

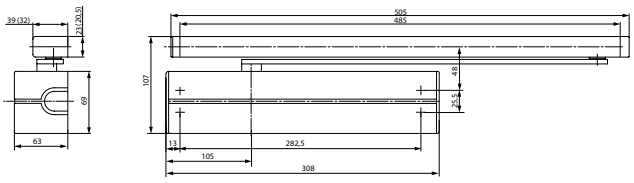
EN 1154 CERTIFIED
Fire door

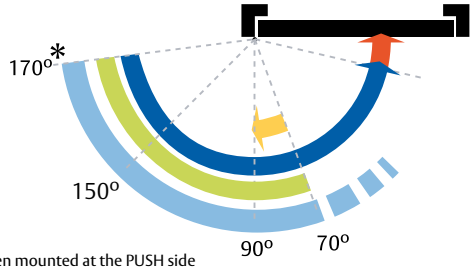
The full featured arquitectural grade closer that has revolutionazed the concept of door closing.

» Size is continously adjustable EN1-EN6. The widest size scope achivement ever with a sliding guide closer.
» The symmetric CAM MOTION mechanism provides universal versatility, allowing all mounting possibilitites with a single model.
» Independent valve adjustment for closing and latching speeds.
» Independent valve adjustment for Backcheck that provides door protection.
» Extendable height spindle (14 mm.)
» Internal safety valve with pressure relief action.

EN 1154:1996 + A1:2002 certified: 3 | 8 | 1/6 | 1 | 1 | 3

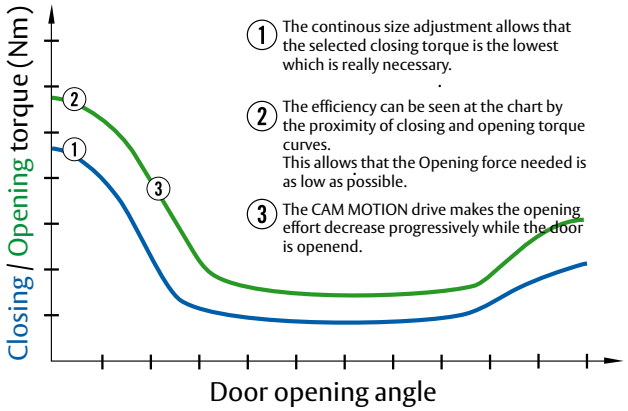
DEC Disabled, Elderly and Children





* When mounted at the PUSH side

L Latch Speed
C Closing speed
BC Backcheck
HO Hold Open position with DCA152
Delayed guide action (CT500C26)



1. The continous size adjustment allows that the selected closing torque is the lowest which is really necessary.
2. The efficiency can be seen at the chart by the proximity of closing and opening torque curves. This allows that the Opening force needed is as low as possible.
3. The CAM MOTION drive makes the opening effort decrease progressively while the door is openend.

Size (EN 1154)	Door width cm	Door weigth Kg
1	75	20
2	85	40
3	95	60
4	110	80
5	125	100
6	140	120

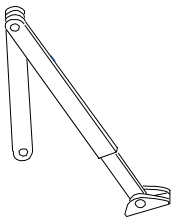
CT500026 - CT500C26				
Size	Backcheck	Delayed action	Model	Finish
1 - 6	Si	-	CT500026BL	White
1 - 6	Si	-	CT500026NE	Black
1 - 6	Si	-	CT500026PL	Silver
1 - 6	Si	-	CT500026IM	Stainless steel
1 - 6	Si	Yes	CT500C26BL	White
1 - 6	Si	Yes	CT500C26NE	Black
1 - 6	Si	Yes	CT500C26PL	Silver
1 - 6	Si	Yes	CT500C26IM	Stainless steel

Link arm door closers

DCL190

Standard arm, for CT3000

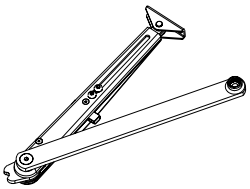
DCL190 Standard arm	
Model	Finish
DCL190-----EV1-	Silver
DCL190-----35--	Stainless steel
DCL190-----9005	Black
DCL190-----9016	White



DCL192

Hold open arm, for CT3000

DCL192 hold open arm	
Model	Finish
DCL192-----EV1-	Silver
DCL192-----9005	Black
DCL192-----9016	White



DCG195

Height-adjustable guide rail, for CT3000, CT4500 and CT5000

Model	Finish
DCG195-----EV1-	Silver
DCG195-----35--	Stainless steel
DCG195-----9005	Black
DCG195-----9016	White

DCG193

Standard guide rail, for CT3000, CT4500 and CT5000

Model	Finish
DCG193-----EV1-	Silver
DCG193-----9005	Black
DCG193-----9016	White

DCA152

Hold open device for DCG193 and DCG195 guide rails. Max. Hold Open position: 150º. Includes Hold Open force adjustment.

Model	Finish
DCA152---------	-

DCA153

Opening limit device for DCG193 and DCG195 guide rails. Max. door stop position: 150º.

Model	Finish
DCA153---------	-

Sliding guide rail closers

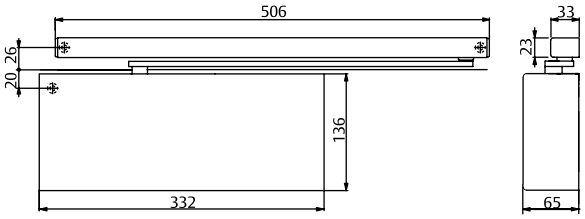
CT5700

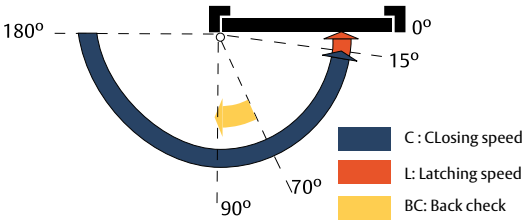
EN 1154 CERTIFIED
Fire door

Slide track closer for large doors.
Certification: UNE-EN 1154:1996 + A1: 2003

Classification: 4 8 5/7 1 1 4

» Continuous size adjustment from 5 to 7.
» Double mechanism acting over one spindle. Able to control the motion of doors weighing up to 400 kg.
» Including pre-installation over steel mounting plate and custom stainless steel cover.
» Two separate valves for closing and latching speeds.
» To be installed with the GD300F slide track, which is ordered separately.
» Fully reversible.





CT5700				
Size	B.C (Back check)	D.A (Delayed action)	Model	Finish
5 - 7	Si	-	CT570057	PL - IM

Guide rails	
Model	Finish
DCG195	PL - IM

Size (EN 1154)	Door width cm	Door weigth Kg	Adjustment
5	125	400	VC - GF - FA
6	140	400	VC - GF - FA
7	160	400	VC - GF - FA

L

Sliding guide rails for CT5000

DCG460

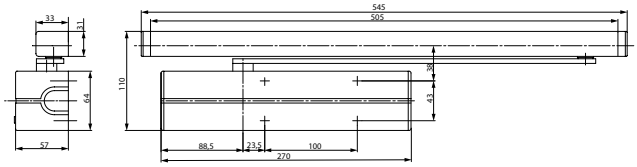
EN 1154 CERTIFIED
Fire door

Sliding guide rail for CT5000 and CT4500 with integrated Electro Mechanical door hold open.
Hold open function can be connected to the fire alarm so that the door will immediately close in case of fire.

» Classification with EN1155:1997 + A1:2002

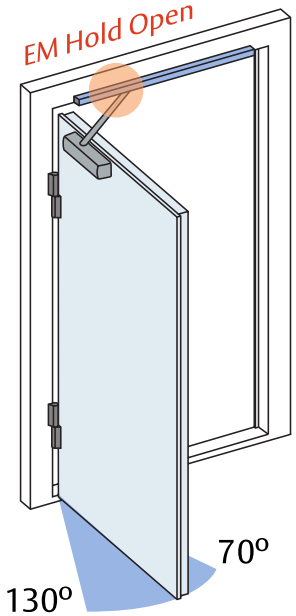
3	8	3/6	1	1	3

» Adjustable Hold Open position 70º-130º
» Adjustable Hold open strenght by potentiometer.
» Power supply 24VDC, 60 mA. Quick and easy connection, polarity free.
» Fully reversible for PULL and PUSH side mounting.



DCG460 guide rail	
DCG460------35-	Stainless steel
DCG460-----EV1-	Silver
DCG460-----9005	Black
DCG460-----9016	White

DCG460 with CT4500



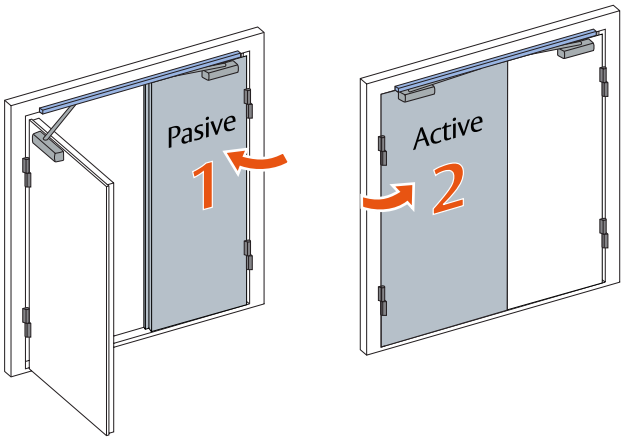
Sliding guide rails for CT5000

DCG461

EN 1158 CERTIFIED
Fire door

The arquitectural choice for safe double doors with slim desing and superior performance and durability.

» Sliding guide rail set for CT5000 and CT4500 with integrated » Closing Sequence selection for double doors.
» The first door to close will be the Pasive, as the Active door will be prevented from closing by the selection mechanism until the Pasive leaf is fully closed.



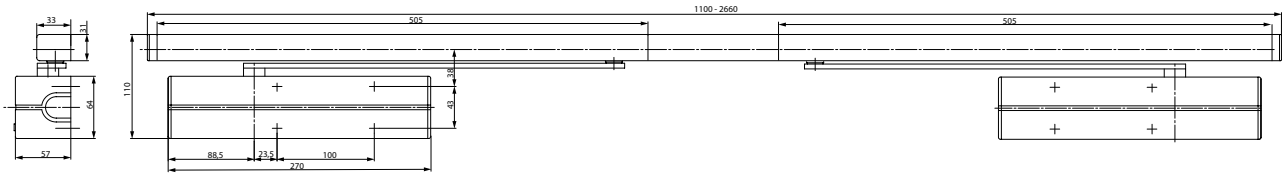
Classification with EN1158:1997 + A1:2002

3	8	3/6	1	1	3

» Maximum door opening: Pull side
- 150º at the Active side
- 170º at the Inactive side
» Fully reversible for right or left handed doors and PULL or PUSH side monting.
» The accessory DCG120 must be used for mounting at the PUSH side.
» For double doors from 1250 to 2800 mm. at the PULL side
» For double doors from 1400 to 2800 mm. at the PUSH side.

DCG461 guide rail	
DCG461------35-	Stainless steel
DCG461-----EV1-	Silver
DCG461-----9005	Black
DCG461-----9016	White

Dimensions of DCG461, DCG462 and DCG464



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Sliding guide rails for CT5000

DCG464

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door

The arquitectural choice for safe double doors with slim desing and superior performance and durability.

» Sliding guide rail set for CT5000 and CT4500 with integrated Closing Sequence selection and Electro-Mechanical door Hold Open for double doors.
» The first door to close will be the Pasive, as the Active door will be prevented from closing by the selection mechanism until the Pasive leaf is fully closed.

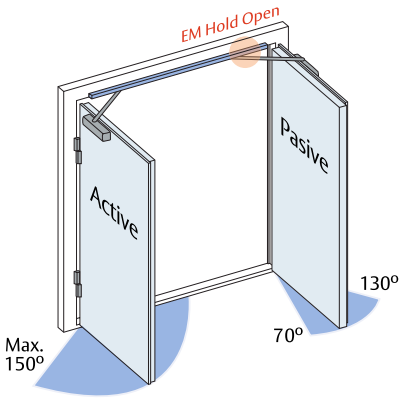
» Classification with EN1158:1997 + A1:2002

3	8	3/6	1	1	3

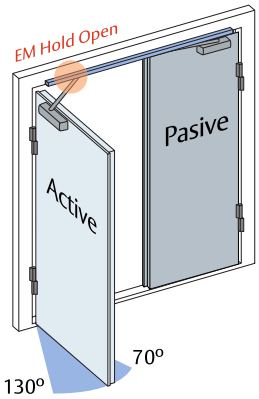
» Classification with EN1155:1997 + A1:2002

3	8	3/6	1	1	3

» One EM hold open set is pre-assembled in the Pasive side guide rail which allows keeping both doors open at the same time.
» If keeping open the Active door only is preferred then the EM Hold Open set can be easily changed to the Active side guide rail.
» Adjustable Hold Open position 70º-130º
» Adjustable Hold open strenght by potentiometer.
» Integrated Safety switch that avoids door or product damage if the Active door is forced to close manually.
Any manual closing attempt on the Active leaf is detected and the Hold Open device is released immediately, thus assuring a correct and safe closing of both doors.
» Power supply 24VDC, 60 mA. Quick and easy connection, polarity free.
» Fully reversible for right or left handed doors and PULL or PUSH side monting.
» The accessory DCG120 must be used for mounting at the PUSH side.
» For double doors from 1250 to 2800 mm. at the PULL side.
» For double doors from 1400 to 2800 mm. at the PUSH side.



Factory setting with EM Hold Open at the Pasive door



Changing the EM Hold Open to the Active side

DCG464 guide rail	
DCG464------35-	Stainless steel
DCG464-----EV1-	Silver
DCG464-----9005	Black
DCG464-----9016	White

Sliding guide rails for CT5000

DCG462

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door

The arquitectural choice for safe double doors with slim desing and superior performance and durability.

» Sliding guide rail set for CT5000 and CT4500 with integrated » Closing Sequence selection for double doors.
» The first door to close will be the Pasive, as the Active door will be prevented from closing by the selection mechanism until the Pasive leaf is fully closed.

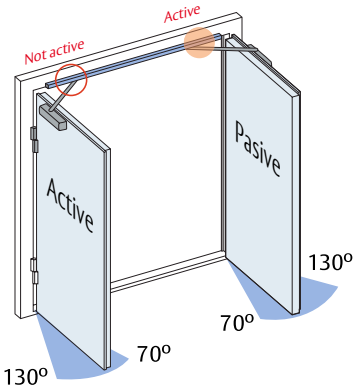
DCG462 guide rail	
Model	Finish
DCG462------35-	Stainless steel
DCG462-----EV1-	Silver
DCG462-----9005	Black
DCG462-----9016	White

Classification with EN1158:1997 + A1:2002

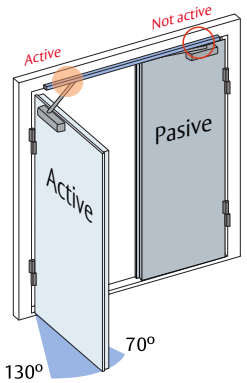
3	8	3/6	1	1	3

» Maximum door opening: Pull side
- 150º at the Active side
- 170º at the Inactive side
» Fully reversible for right or left handed doors and PULL or PUSH side monting.
» The accessory DCG120 must be used for mounting at the PUSH side.
» For double doors from 1250 to 2800 mm. at the PULL side
» For double doors from 1400 to 2800 mm. at the PUSH side.

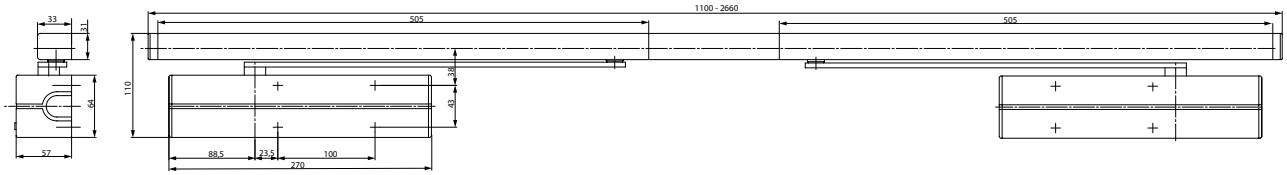
hold open



hold open



Dimensions for DCG461, DCG462 and DCG464



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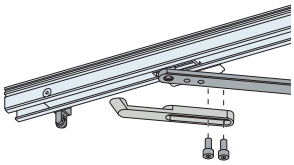
Accessories for DCG461, DCG462 and DCG464

DCG120

DCG120 is an accessory that must be used for PUSH side mounting with the DCG461, DCG462 and DCG464 guide rails for double doors.

» It is a set with a trigger hook and a roller to be fitted at the guide rail at the pasive door.

DCG120 hook arm	
Model	Finish
DCG120------35-	Stainless steel
DCG120-----EV1-	Silver
DCG120-----9005	Black
DCG120-----9016	White



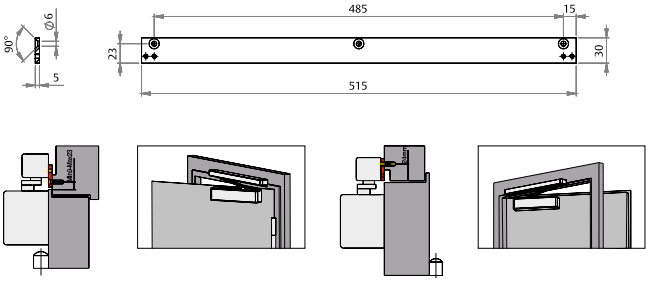
DCG120 hook is mounted in the arm of the door closer in passive leaf

DCA115

Flat type mounting plate for the DCG460 and DCG461, DCG462 and DCG464 guide rails.

» They make installation easier, specially when frames are narrow.

Model	Finish
DCA115-----EV1-	Silver

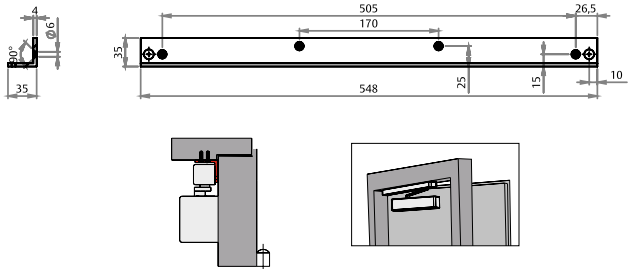


DCA116

Angle mounting plate for DCG460 and DCG461, DCG462 and DCG464 guide rails.

» Specially suited for installation at the push side, allowing the guide rails to be fitted underneath deep frames or ceilings.

Model	Finish
DCA116-----EV1-	Silver

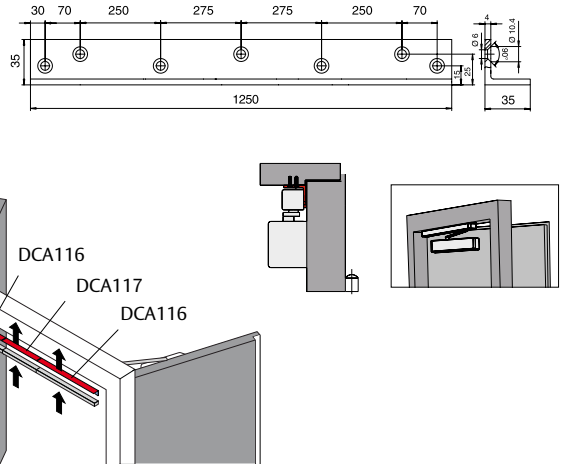


DCA117

Angle mounting plate with a plain frontal face, without holes.

» DCA117 is cut to the needed length for completing the installations at the PUSH side when DCA116 have been used for the guide rails.

Model	Finish
DCA117-----EV1-	Silver



Concealed doorclosers

TEX703

EN 1154 CERTIFIED
Fire door

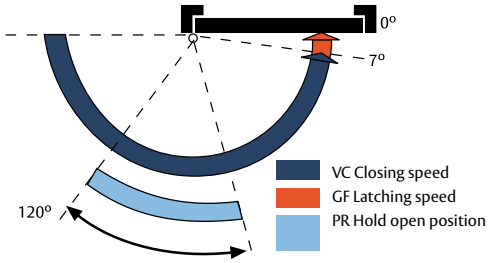
Concealed door closer

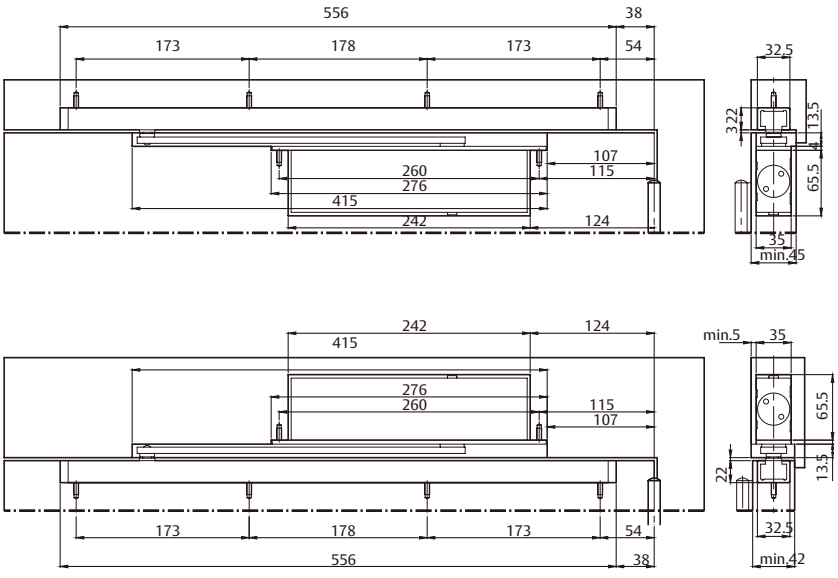
» Classificacion with EN1154:1996 + A1:2002

3	8	3	1	1	4

» TEX703 model is ideal for door width of 95 cms. and can be used in Fire Doors.
» The closer body and guide rail are supplied together in a single package.
» Independent valve adjustment for closing and latching speeds
» Optional Hold Open function can be ontained ordering the MR2300 Hold Open module. (Max. 120º)

Model	EN Size	Door width	Door weight	Adjust-ments	Finish
TEX703	3	95	60	VC - GF	Silver
MR2300	Hold open module	-	-	-	-





Concealed doorclosers

TEX14

EN 1154 CERTIFIED
Fire door

The arquitectural grade concealed closer offering superior performance and aesthetics.
» Size is continously adjustable EN1-EN4

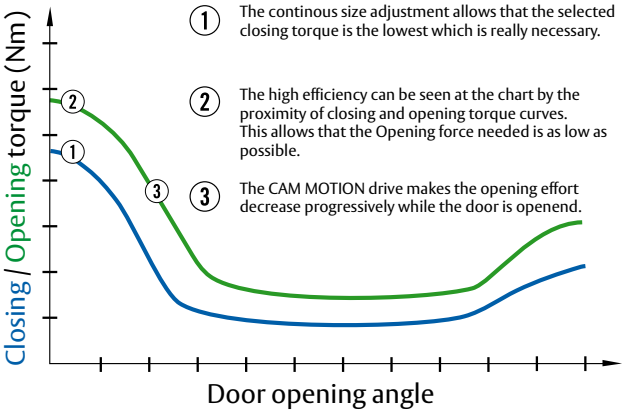
Classification with EN1154: 1996 + A1: 2002

3	8	4/1	1	1	3

» Suitable for almost any aluminium door thanks to the small cross section: 32 x 42 mm
» Suitable for any wooden door with thickness from 40 mm.
» The symmetric CAM MOTION mechanism provides UNIVERSAL versatility, allowing quick and easy mounting in any door.
» Independent valve adjustment for closing and latching speeds.
» Internal safety valve with pressure relief action.
» Compatible for use with the DCG880, DCG881 and DCG882 guide rail system for the widest solutions range in single or double Fire Door equipment.

The CAM MOTION drive:

» The TEX14 works with the exclusive symmetric CAM MOTION drive that the brilliant CT5000 has made famous.
» By achieving the highest efficiency and torque output characteristics, the TEX14 makes the door opening feel smooth as silk while assuring a reliable door closing under all circumstances.
» Approved for use in DEC environment like Elderly homes, health care environments and kindergartens.
(DEC= Disabled, Elderly and Children)

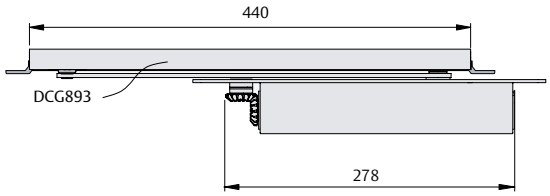


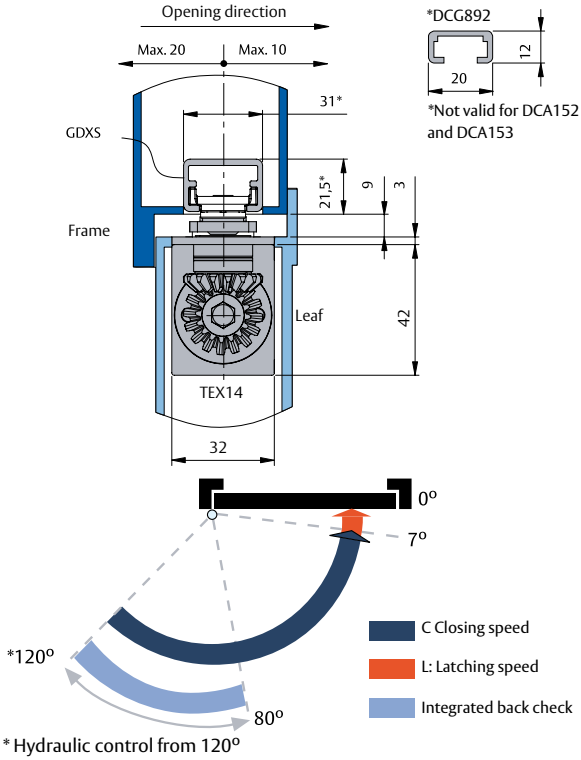
1 The continous size adjustment allows that the selected closing torque is the lowest which is really necessary.

2 The high efficiency can be seen at the chart by the proximity of closing and opening torque curves. This allows that the Opening force needed is as low as possible.

3 The CAM MOTION drive makes the opening effort decrease progressively while the door is openend.

TEX14 with DCG892





* Hydraulic control from 120º

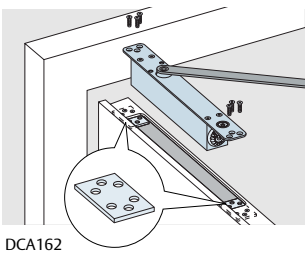
Size (EN 1154)	Door width cm	Door weight Kg	Adjustments
1 - 4	70 - 110	20 - 80	VC - GF

Product code	Description	Finish
TEX14	Concealed doorcloser EN1-4	PL
DCG893-----EV1-	Guide rail 31x21	PL
DCG892-----EV1-	Guide rail 20x12	PL

Accessories	Description
DCA162-------40	Mounting KIT for TEX14
DCA152---------	Hold open device for DCG893
DCA153---------	Opening damper DCG893
DCA156---------	Hold open device for DCG892
DCA157---------	Opening damper for DCG892

DCA162

Kit of two mounting plates for metal doors.
They allow that the closer installation is flush with the door top surface.



DCA162

Concealed doorclosers

TEX26

EN 1154 CERTIFIED
Fire door

The arquitectural grade concealed closer offering superior performance and aesthetics.
» Size is continously adjustable EN1-EN5

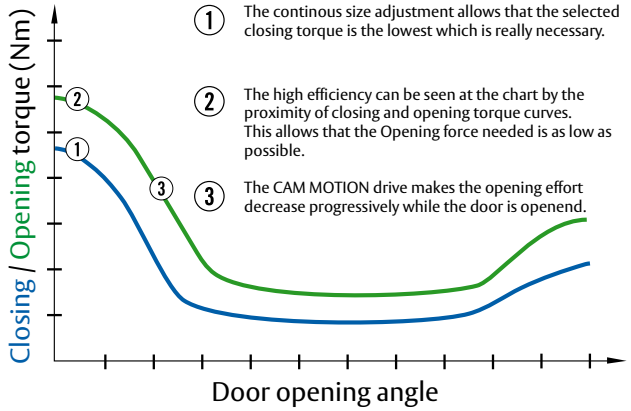
Classification with EN1154: 1996 + A1: 2002

3	8	5/1	1	1	3

» Suitable for many aluminium door thanks to the cross section of 40 x 51 mm
» Suitable for any wooden door with thickness from 50 mm.
» The symmetric CAM MOTION mechanism provides UNIVERSAL versatility, allowing quick and easy mounting in any door.
» Independent valve adjustment for closing and latching speeds.
» Integrated Backcheck effect (not adjustable by valve)
» Internal safety valve with pressure relief action.
» Compatible for use with the DCG880, DCG881 and DCG882 guide rail system for the widest solutions range in single or double Fire Door equipment.

The CAM MOTION drive:

» The TEX26 works with the exclusive symmetric CAM MOTION drive that the brilliant CT5000 has made famous.
» By achieving the highest efficiency and torque output characteristics, the TEX14 makes the door opening feel smooth as silk while assuring a reliable door closing under all circumstances.
» Approved for use in DEC environment like Elderly homes, health care environments and kindergartens.
(DEC= Disabled, Elderly and Children)



1 The continous size adjustment allows that the selected closing torque is the lowest which is really necessary.

2 The high efficiency can be seen at the chart by the proximity of closing and opening torque curves. This allows that the Opening force needed is as low as possible.

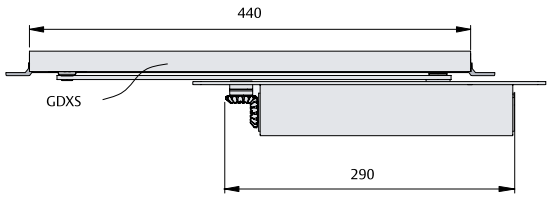
3 The CAM MOTION drive makes the opening effort decrease progressively while the door is openend.

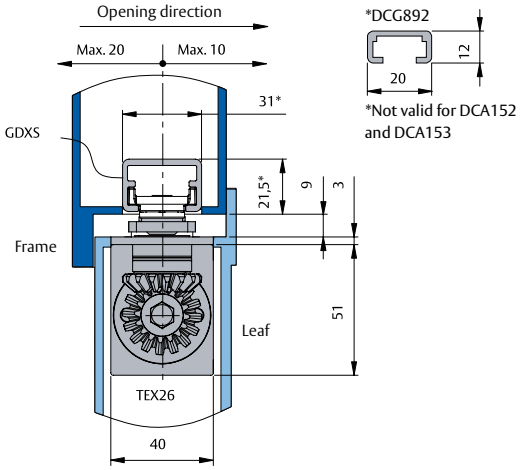
Size (EN 1154)	Door width cm	Door weight Kg	Adjustments
1 - 5	70 - 125	20 - 100	VC - GF

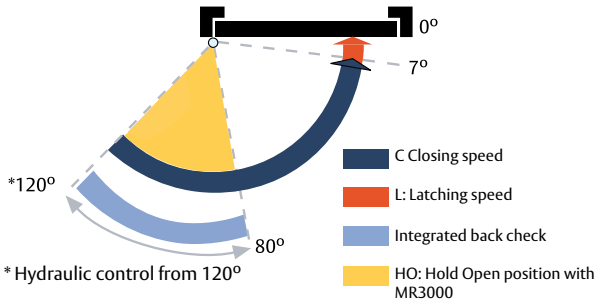
Product code	Description	Finish
TEX26	Concealed doorcloser EN1-5	PL
DCG893-----EV1-	Guide rail 31x21	PL
DCG892-----EV1-	Guide rail 20x12	PL

Accessories	Description
DCA162-------40	Mounting KIT for TEX26
DCA152---------	Hold open device for DCG893
DCA153---------	Opening damper DCG893
DCA156---------	Hold open device for DCG892
DCA157---------	Opening damper for DCG892

TEX26 with DCG893



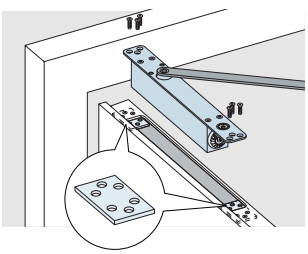




* Hydraulic control from 120º

DCA162

Kit of two mounting plates for metal doors.
They allow that the closer installation is flush with the door top surface.



L

Concealed doorclosers

DC880

EN 1155 CERTIFIED
Fire door

Sliding guide rail with Electro-Mechanical Hold Open for concealed closers TEX14 - TEX26.
Designed for concealed installation in the frame for excellent aesthetics.

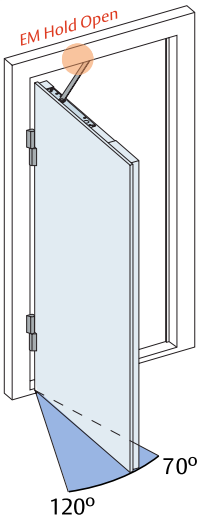
Classification with EN1155:1997 + A1:2002

3	8	3/6	1	1	3

- DC880 allows holding the door open at any angle from 70º to 120º.
- DC880 will release the door to be closed if there is a Fire alarm.
- Quick and easy Hold Open position setting and adjustable door holding strength by potentiometer.
- Power supply 24 VDC, 60 mA. Quick and easy connection, polarity free.
- Non handed, valid for right or left handed doors.

Model	Finish
DCG880-----EV1-	Silver

TEX26 with DC880



DCG881

EN 1158 CERTIFIED
Fire door

Sliding guide rail with integrated Closing Sequence selection for double doors with concealed closers TEX14 - TEX26.
Designed for concealed installation in the frame for excellent aesthetics.

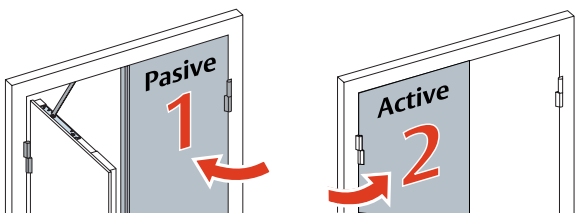
Classification with EN1155:1997 + A1:2002

3	5	3/6	1	1	0

- The first door to close will be the Pasive, as the Active
- Door is prevented from closing by the selection mechanism until the Pasive leaf is almost closed.
- Fully reversible for right or left handed door sets.
- For double doors from 1350 to 2800 mm.

Model	Finish
DCG881-----EV1-	Silver

TEX26 with DCG881



Concealed doorclosers

DCG884

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door

Sliding guide rail with integrated Closing Sequence selection and Electro-Mechanical door Hold Open function for double doors with concealed closers TEX14 - TEX26.
Designed for concealed installation in the frame for excellent aesthetics.

Classification with EN1158:1997 + A1:2002

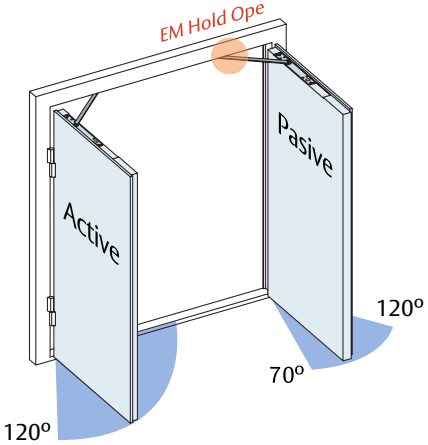
3	5	3/6	1	1	0

Classification with EN1155:1997 + A1:2002

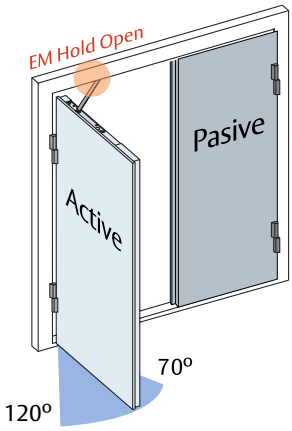
3	5	3/6	1	1	0

- The first door to close will be always the Pasive, followed by the Active leaf.
- The Active door is prevented from closing by the selection mechanism until the Pasive leaf is almost closed.
- One EM hold open set is pre-assembled in the Pasive side guide rail which allows holding both doors open at the same time.
- If holding open the Active door only is preferred then the EM Hold Open device can be easily changed to the Active side guide rail.
- Adjustable Hold Open position 70º-120º
- Adjustable Hold open strenght by potentiometer.
- Integrated Safety switch that avoids door or product damage if the Active door is forced to close manually.
  Any manual closing attempt on the Active leaf is detected and the Hold Open device is released immediately, thus assuring a correct and safe closing of both doors.
- Power supply 24VDC, 60 mA. Quick and easy connection, polarity free.
- Fully reversible for right or left handed doors.
- For double doors from 1350 to 2800 mm.

Model	Finish
DCG884-----EV1-	Silver



Factory setting with EM Hold Open at the Pasive door



Changing the EM Hold Open to the Active side

L

Concealed doorclosers

DCG882

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door

Sliding guide rail with integrated Closing Sequence selection and Electro-Mechanical door Hold Open function for double doors with concealed closers TEX14 - TEX26.
Designed for concealed installation in the frame for excellent aesthetics.

Classification with EN1158:1997 + A1:2002

3	5	3/6	1	1	0

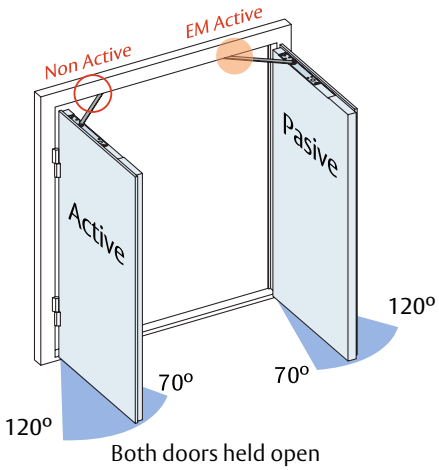
Classification with EN1155:1997 + A1:2002

3	5	3/6	1	1	0

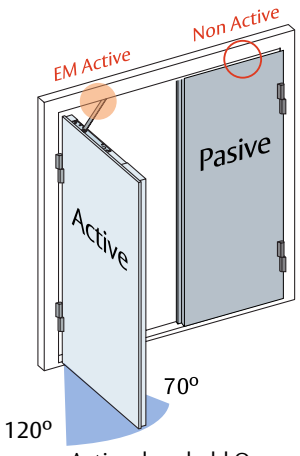
The first door to close will be always the Pasive leaf, followed by the Active leaf.

- The Active door is prevented from closing by the selection mechanism until the Pasive leaf is almost closed.
- Two EM hold open devices are pre-assembled in both the Pasive and Active side guide rails.
- DCG882 allows having both doors open or just the Active door open only.
- Integrated Safety switch that avoids door or product damage if the Active door is forced to close manually.
  Any manual closing attempt on the Active leaf is detected and the Hold Open device is released immediately, thus assuring a correct and safe closing of both doors.
- Adjustable Hold Open position 70º-120º
- Adjustable Hold open strenght by potentiometer.
- Power supply 24VDC, 60 mA. Quick and easy connection, polarity free.
- Fully reversible for right or left handed doors.
- For double doors from 1350 to 2800 mm.

Model	Finish
DCG882-----EV1-	Silver



Both doors held open



Active door held Open

Floor springs

CTSU100

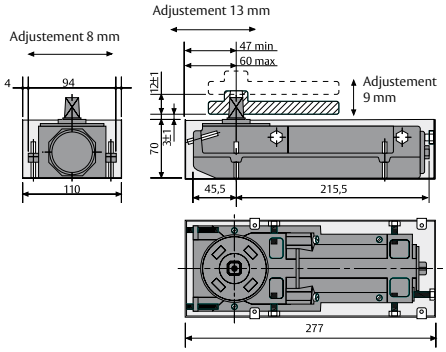
EN 1154 CERTIFIED
Fire door

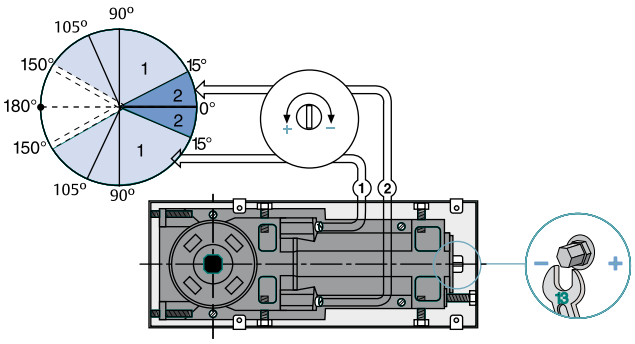
The TESA CTSU100 is the most versatile model for door width up to 110 mm and weight up to 120 kg.

» Classification EN1154: 1996 + A1: 2003

CTSU100SR: 3 8 2/4 1 1 4

» Reversible and suitable for single and double action doors.
» Continuously adjustable size from EN2 to EN4.
» Two independent valves for closing speed and latching speed adjustments.
» Internal HO system. Two models available: with HO at 90º (R0) or 105º (R5). Both Hold Open models allows leaving the door open at any angle from 150º to 180º (free swing zone).
» Non Hold Open model (SR) features a back stop at 150º.
» Interchangeable spindle
» Closing speed is controlled from 150º of opening.



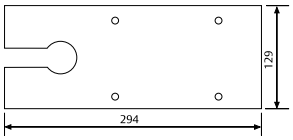


Size (EN 1154)	Door width cm	Door weigth Kg
2	85	100
3	95	100
4	110	100

Model	Size	Hold open	Product code
CTSU100	2-4	No hold open	DC477-------NHO
CTSU100	2-4	90º hold open	DC477--------90
CTSU100	2-4	105º hold open	DC477-------105

TACTSU100

Cover for the CTSU100.



Model	Finish
TACTSU100IM	Stainless steel
TACTSU100IB	Polished stainless steel
TACTSU100LP	Brass

L

Floor springs

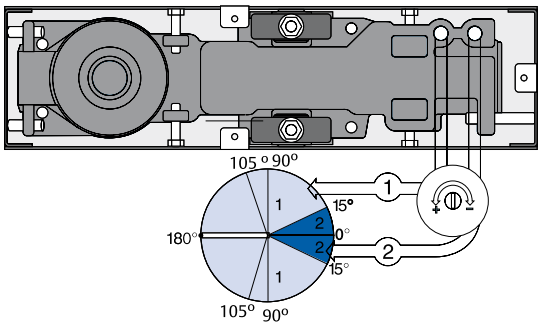
CTSU200

EN 1154 CERTIFIED
Fire door

The TESA CTSU200 door closer offers the best adaptability to any floor configuration, as the cement box depth is only 47mm deep.

» Classification EN1154: 1996 + A1: 2002

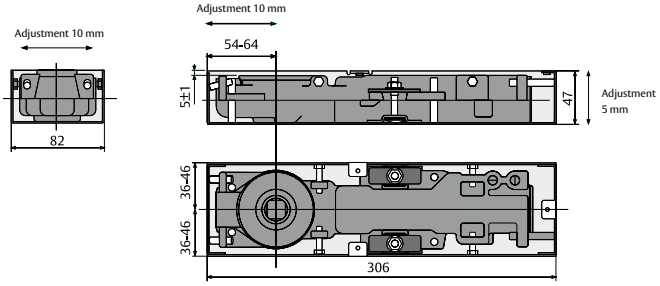
CTSU202SR:	3	8	2	0	1	4
CTSU203SR:	3	8	3	1	1	4
CTSU204SR:	3	8	4	1	1	4



» Reversible and suitable for single or double action doors.
» Fixed sizes: EN2, EN3 and EN4.
» Two independent valves for closing speed and latching speed adjustments.
» Internal HO system. Two models available: with HO at 90º (R0) or 105º (R5).
» Interchangeable spindle.
» Closing speed is controlled from 175º of opening.

Model	Size (EN 1154)	Door width cm	Door weigth Kg
CTSU202	2	85	100
CTSU203	3	95	100
CTSU204	4	110	100

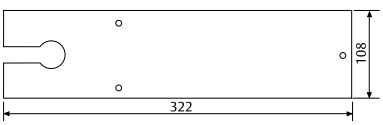
Model	Size	Hold open	Product code
CTSU200,	EN 2	No hold open	DC420-----2-NHO
CTSU200	EN 2	90º hold open	DC420-----2--90
CTSU200	EN 2	105º hold open	DC420-----2-105
CTSU200	EN 3	No hold open	DC420-----3-NHO
CTSU200	EN 3	90º hold open	DC420-----3--90
CTSU200	EN 3	105º hold open	DC420-----3-105
CTSU200	EN 4	No hold open	DC420-----4-NHO
CTSU200	EN 4	90º hold open	DC420-----4--90
CTSU200	EN 4	105º hold open	DC420-----4-105



TACTSU200

Cover for the CTSU200

Model	Finish
TACTSU200IM	Stainless steel
TACTSU200IB	Polished stainless steel
TACTSU200LP	Brass



Floor springs

CTSU300

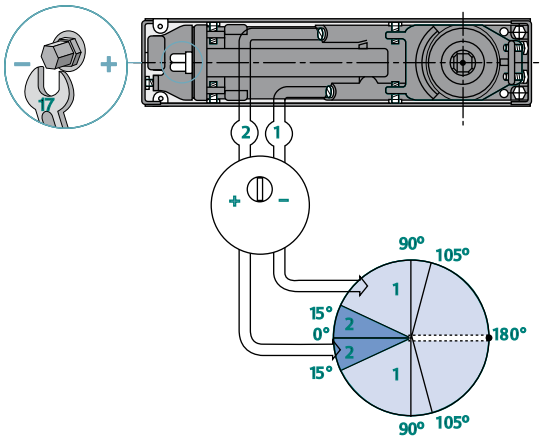
EN 1154 CERTIFIED
Fire door

The TESA CTSU300 door closer is the most powerful floor spring, capable of controlling the motion of doors weighing up to 300 kg.

» Classification EN1154: 1996 + A1: 2003

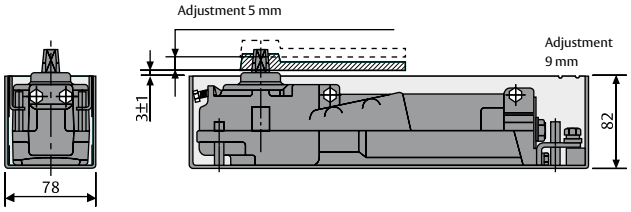
CTSU300SR: 3 | 8 | 3/6 | 1 | 1 | 4

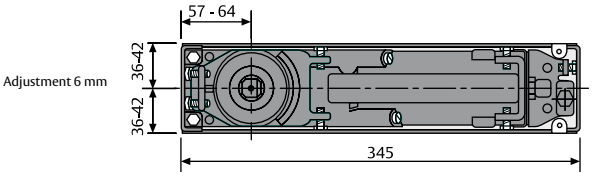
» Reversible and suitable for single or double action doors.
» Continuous size adjustment from EN3 to EN6.
» Two independent valves for closing speed and latching speed adjustments.
» Internal backcheck for door protection.
» Internal HO system. Two models available: with HO at 90º (R0) or 105º (R5).
» Interchangeable spindle.
» Closing speed is controlled from 175º of opening.



Size (EN 1154)	Door width cm	Door weigth Kg
3	95	300
4	110	300
5	125	300
6	140	300

Model	Size	Hold open	Product code
CTSU300	EN 3-6	No hold open	DC475-------NHO
CTSU300	EN 3-6	90º hold open	DC475--------90
CTSU300	EN 3-6	105º	DC475-------105

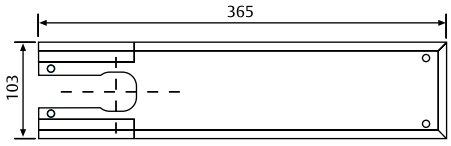




TACTSU300

Cover for the CTSU300

Model	Finish
TACTSU300IM	Stainless steel
TACTSU300IB	Polished stainless steel
TACTSU300LP	Brass

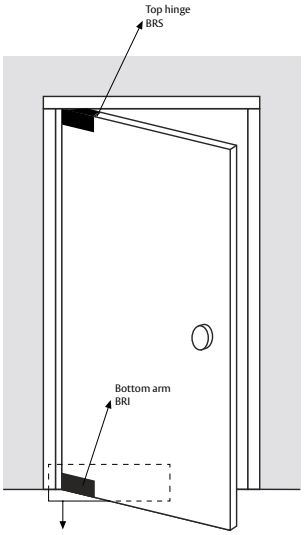


L

Hinges for metal and wooden doors

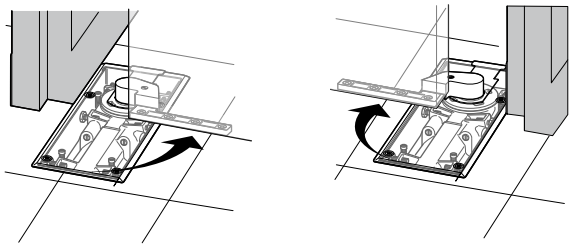
The installation of a door with CTSU floor springs is completed with:

» Spindle: MA0340S0 is the standard spindle.
» Bottom arm: The spindle coupling is square for MA0340S0 as a standard for all bottom arms. If any other spindle coupling is required, it has to be specified when ordering.
» Top hinge: Set of door leaf and frame parts in order to provide a top rotating pivot to the door. Always reversible.

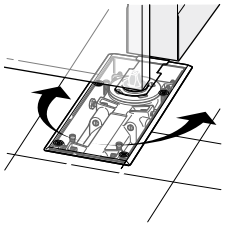


Doorcloser CTSU with standard spindle
MA0340S0

Bottom arm types

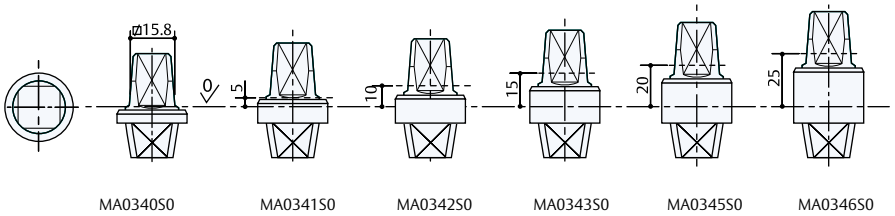


Offset arms: for single action doors



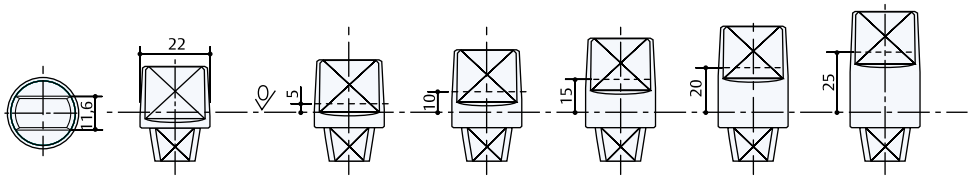
Double action doors

Spindle for CTSU floor spring



MA0340S0 MA0341S0 MA0342S0 MA0343S0 MA0345S0 MA0346S0

MA0340S0



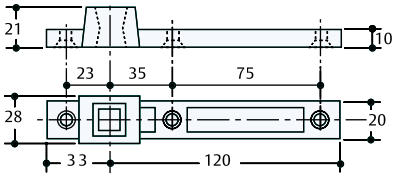
MA0360S0 MA0361S0 MA0362S0 MA0363S0 MA0365S0 MA0366S0

Hinges for metal and wooden doors

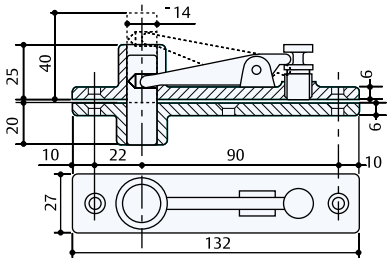
Double action doors

The MA0115S0 bottom arm is designed to match square spindles like MA034.
The MA0393S0 bottom arms is designed to match rectangular spindles like MA036.

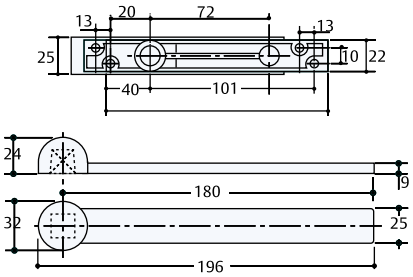
MA0115S0



MA0008S0



MA0002S0



Model	Finish	Hand	Type	Door weigth Kgs
MA0002S0	LT	-	Bottom	100
MA0008S0	HZ	-	Top	300
MA0115S0	HZ	-	Bottom	300
PICE150	-	-	Ground pivot	120

PICE 150 ground pivot

Intended for use without a floor spring

L

Hinges for metal and wooden doors

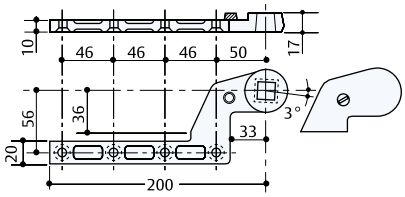
Offset arms

They allow full door opening (180°) for single action doors.

» Made of high quality steel for door weight up to 300 Kg.
» With countersunk holes for quick and easy fixing
» Square spindle coupling for MA034 spindles.
» If other spindle coupling is desired, it has to be indicated when ordering.

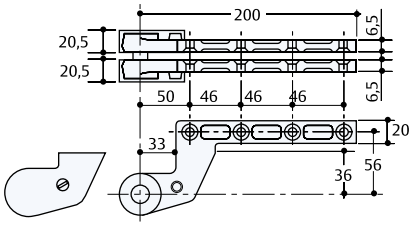
MA0583

Bottom offset arm for right and left handed doors.
Reversible, non handed. Max weight 300Kg.



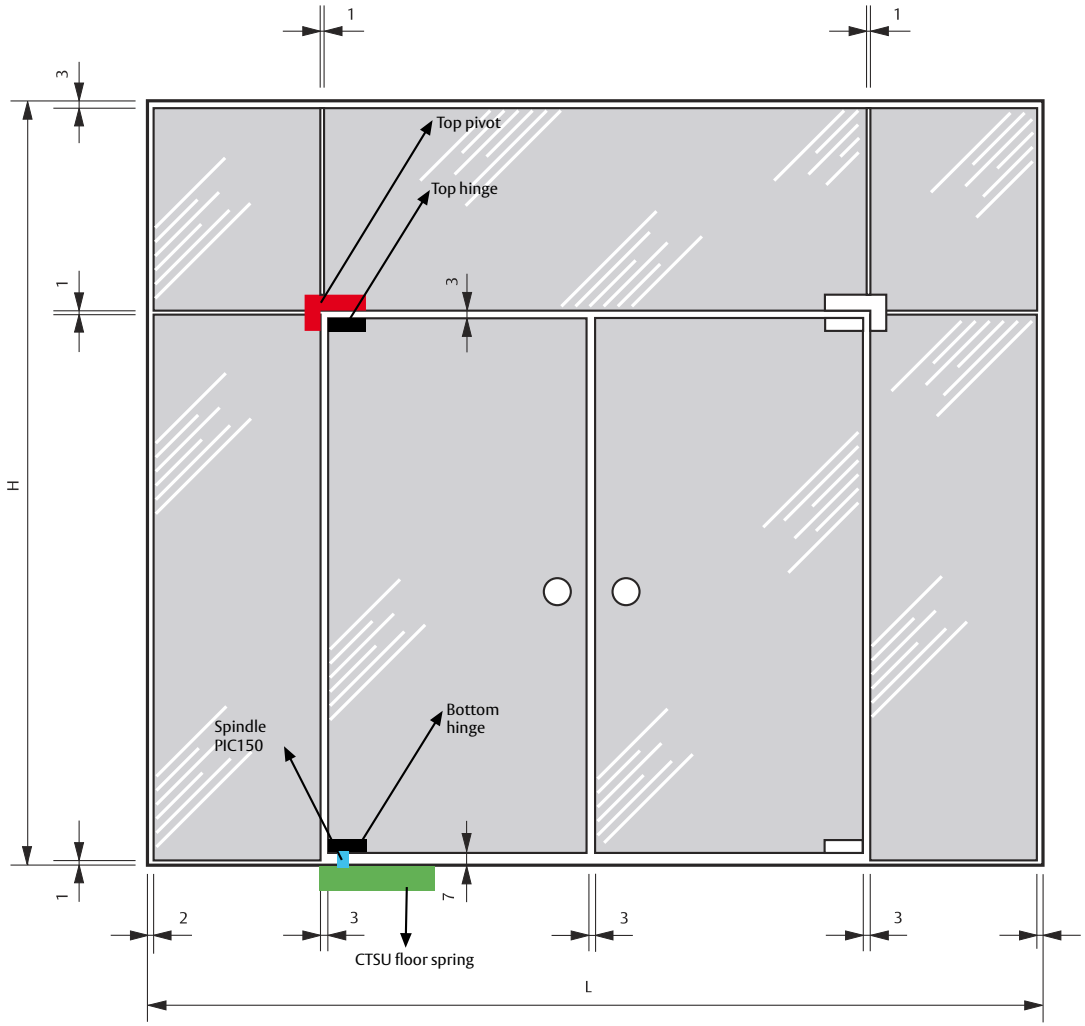
MA0384

Top hinge to combine with the BRI301 arm
Reversible, non handed. Max weight 300Kg.



Model	Finish	Hand	Type	Door weigth Kgs
MA058300	silver	reversible	bottom	300
MA058330	black	reversible	bottom	300
MA038400	silver	reversible	top	300
MA038430	black	reversible	top	300

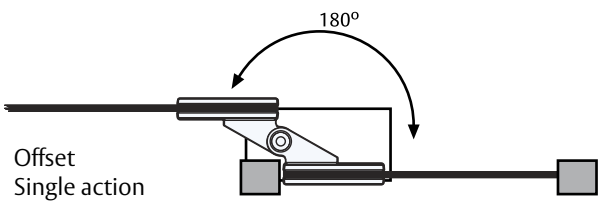
Patch fittings for Glass Doors

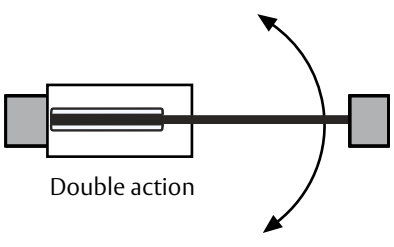


Elements required in order to complete installation of glass doors

- Bottom hinge with square spindle coupling for MA034 spindles.
- Top hinge with cilindric coupling for top pivots
- Top Pivot for frame installation. The configuration of the frame will determine which pivot type should be used.
- CTSU floor spring or PICE floor pivot

Types of top and bottom hinges

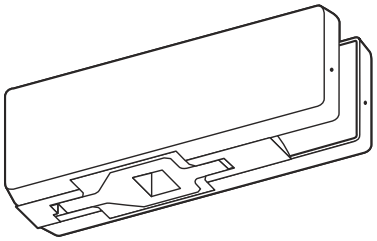


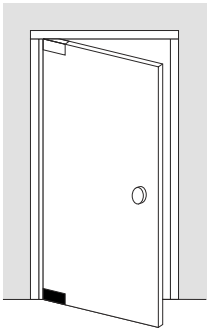


Hinges for glass doors

Hinges for glass doors - double action

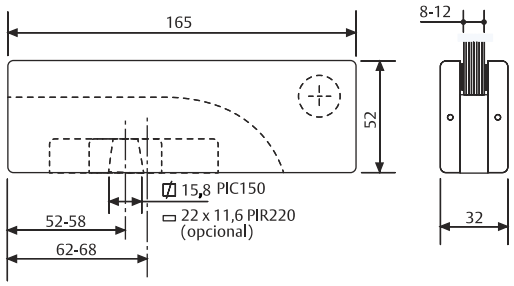
BVI565V



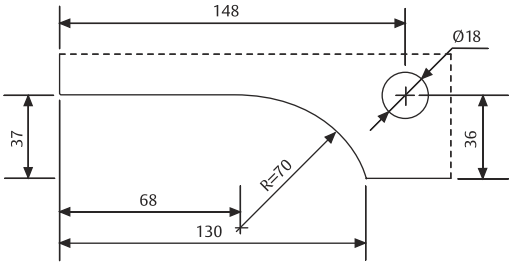


» Bottom hinge with MA034 spindle coupling.
» Spindle position at 55 or 65 mm. Adjustment +/- 3 mm.
» Optional socket for MA036 spindles.
» Glass thickness: from 8 to 12 mm.
» Maximum weight: 80 kg.
» Finishes: IB, IM.

Dimensions

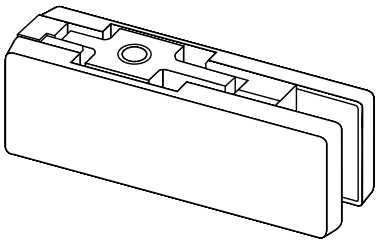


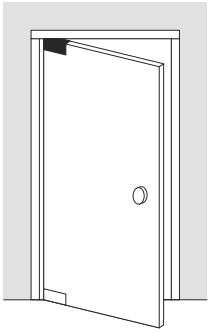
Glass machining



Model	Finish	Hand	Type	Door weigth Kgs
BVI565VIB	Satin stainless steel	-	Bottom	80
BVI565VIM	Polished stainless steel	-	Bottom	80

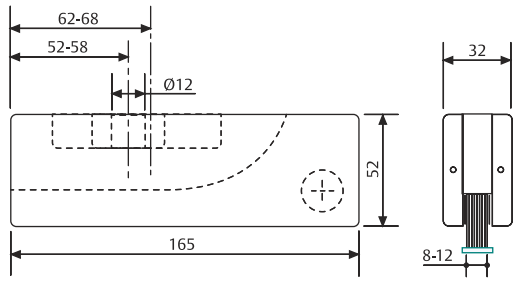
BVS565V



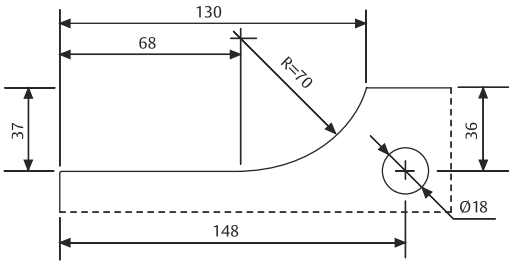


» Top hinge for double action doors.
» Pivot position at 55 or 65 mm, adjustment +/- 3 mm.
» Finishes: IB, IM.

Dimensions



Glass machining



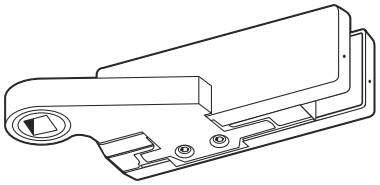
Model	Finish	Hand	Type	Door weigth Kgs
BVS565VIB	Satin stainless steel	-	Top	80
BVS565VIM	Polished stainless steel			

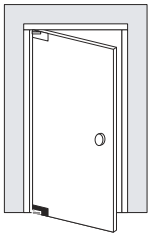
Hinges for glass doors

Offset hinges

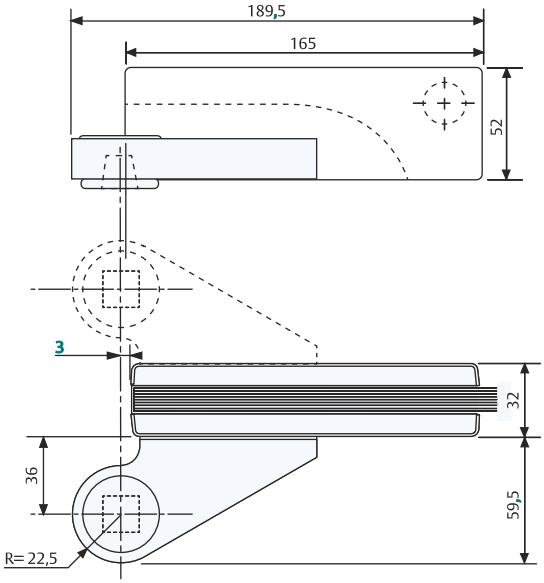
BVI360D/I

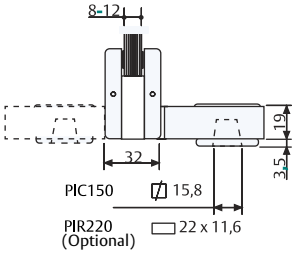
» Bottom hinge with MA034 spindle coupling.
» Spindle offset at 36 mm.
» 180° opening allowed for single action doors.
» Glass thickness: from 8 to 12 mm.
» Finishes: IB, IM.

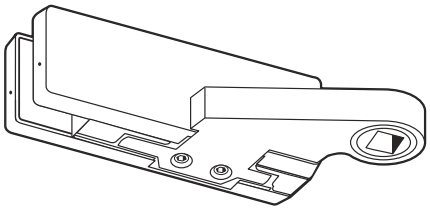


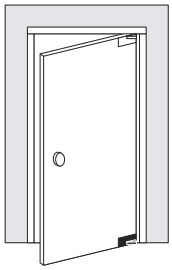


Dimensions

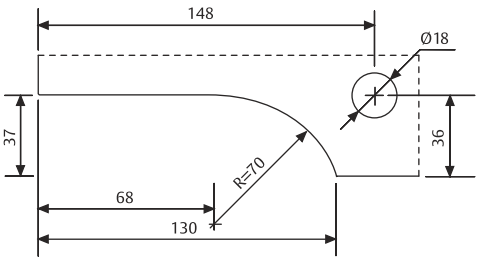








Glass machining



Model	Finish	Hand	Type	Door weigth Kgs
BVI360DIM	Satin stainless steel	right	bottom	80
BVI360DIB	Polished stainless steel	right	bottom	80
BVI360IIM	Satin stainless steel	left	bottom	80
BVI360IIB	Polished stainless steel	left	bottom	80

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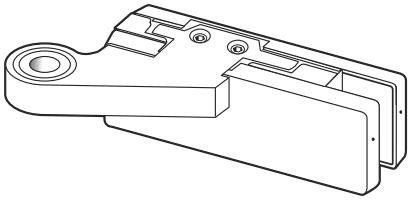
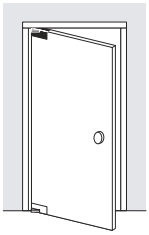
Hinges for glass doors

Offset hinges

BVS360D/I

» Top hinge with cilindric coupling.
» Spindle offset at 36 mm.
» 180° opening allowed for single action doors.
» Glass thickness: from 8 to 12 mm.
» Finishes: IB, IM.





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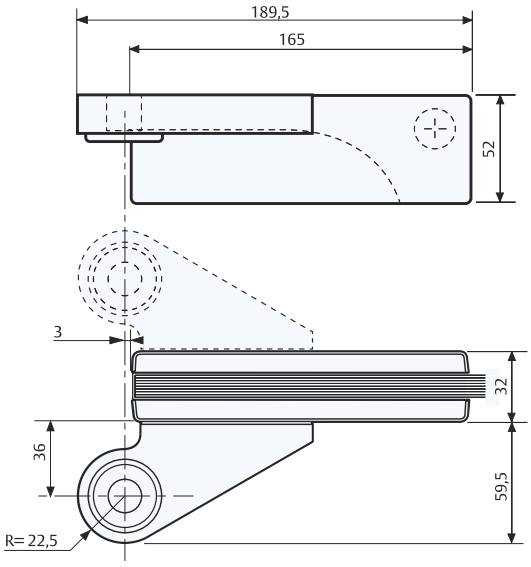
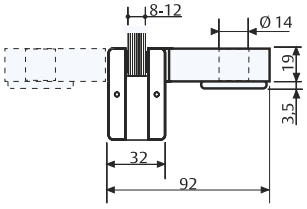
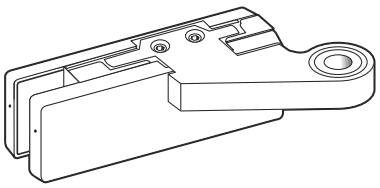
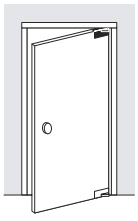
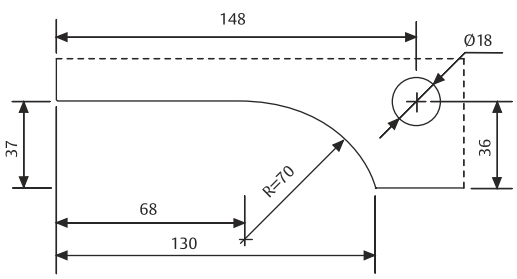








Glass machining



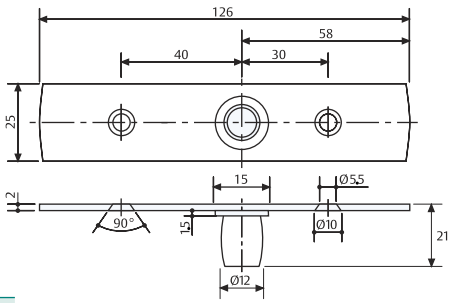
Model	Finish	Hand	Type	Door weigth Kgs
BVS360DIM	Satin stainless steel	right	top	80
BVS360DIB	Polished stainless steel	right	top	80
BVS360IIM	Satin stainless steel	left	top	80
BVS360IIB	Polished stainless steel	left	top	80

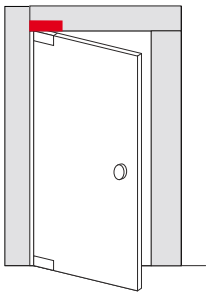
Top pivots for glass doors

Double action pivot

PV1565V

» Type 1 top pivot.
» Designed for BVS565V and BVS100V top hinges.
» Finish: CB.

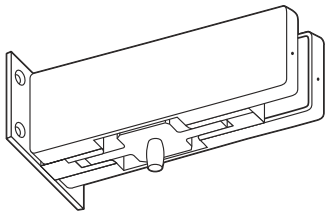


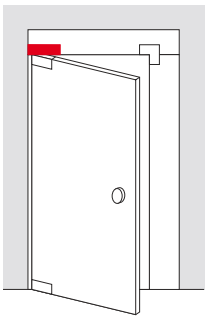


Model	Finish	Hand
PV1565VCB	bright chrome	-

PV2565V

» Type 2 top pivot with spindle position at 55mm.
» Pivot position at 55/65 mm. Adjustment +/- 3 mm.
» Designed for BVS565V top hinge.
» Finishes: IB, IM.





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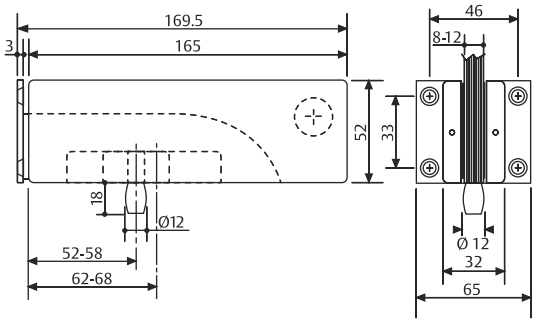
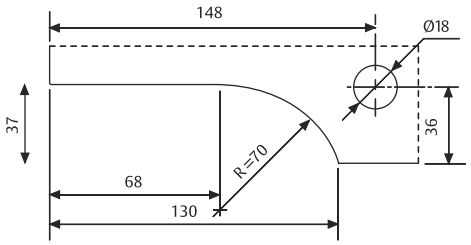


Glass machining



Model	Finish	Hand
PV2565VIM	Satin stainless steel	-
PV2565VIB	Polished stainless steel	-

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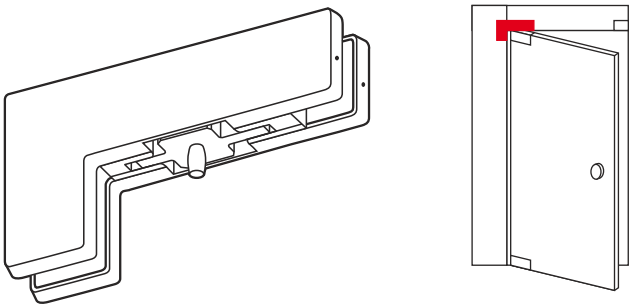
Top pivots for glass doors

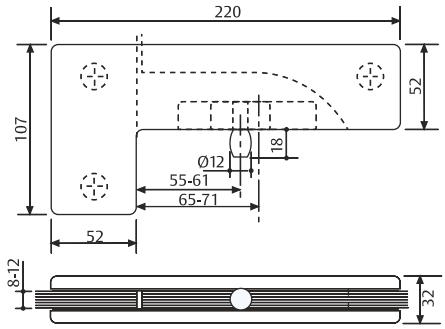
Double action

PV3565V

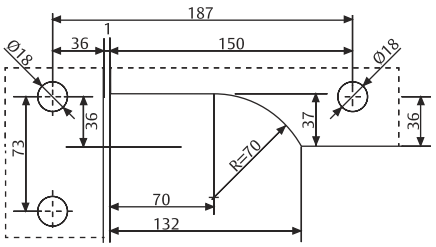
» Type 3 top pivot.
» Pivot position at 55/65 mm. Adjustment +/- 3 mm.
» Finishes: IB, IM.



Dimensions



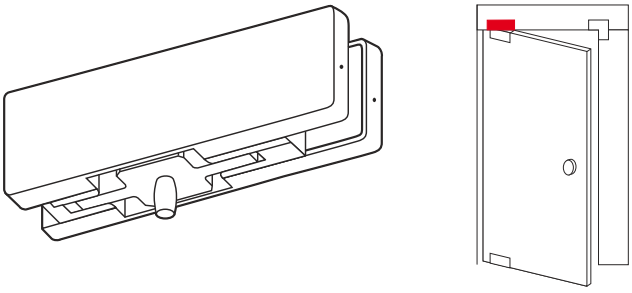
Glass machining



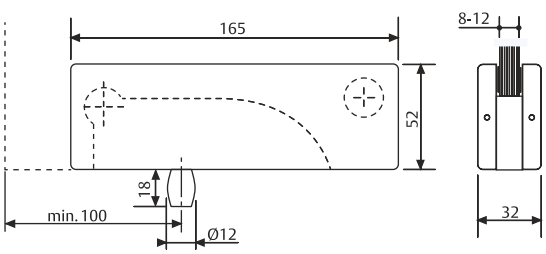
Model	Finish	Hand
PV3565VIM	Satin stainless steel	-
PV3565VIB	Polished stainless steel	-

PV4100V

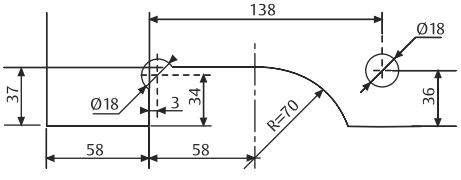
» Type 4 top pivot.
» Pivot distance from door from 100 mm. minimum.
» Designed for BV100V top hinge.
» Finishes: IB, IM.



Dimensions



Glass machining



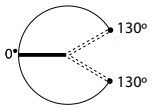
Model	Finish	Hand
PV4565VIM	Satin stainless steel	-
PV4565VIB	Polished stainless steel	+

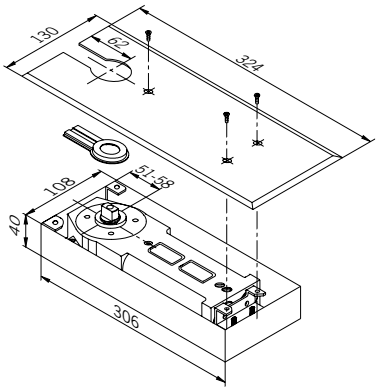
Floor springs

CTSU71. Complete kit for double action doors

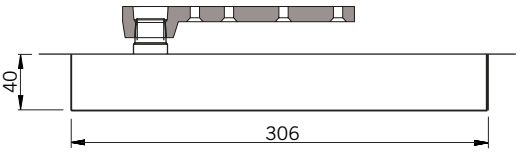
The CTSU71 is a floor spring which is supplied as a complete kit that includes everything neccessary for wooden or metal made double action doors.

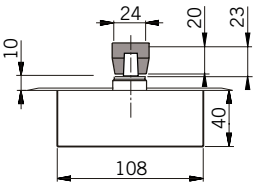
- Thre models for 3 sizes:
  CTSU712 :EN2 Door width: 85 mm.
  CTSU713: EN3 Door width: 95 cm.
  CTSU714: EN4 Door width: 110 cm.
- Independent valves for closing and latching speeds adjustment.
- Non handed and suitable for double action doors.
- Fixed spindle for easy installation.
- Bottom arm supplied made of solid steel and zinc plated for corrosion resistance.
- The bottom arm includes countersunk holes for quick and easy installation
- The Top hinge is supplied and inscludes a needle bearing for superior durability
- Top hinge with pivot throw adjustment for easy door hanging
- The Top hinge horizontal position is adjustable (+/- 10 mm) from the door side edge of the door for even easier installation and door levelling corrections.
- Models can be chosen for Non hold open (-SR-) or Door Hold Open function at 90º (-R0-) .
- The satin Stainless Steel cover plate is included. (IM finish)
- Maximum door opening: 150º

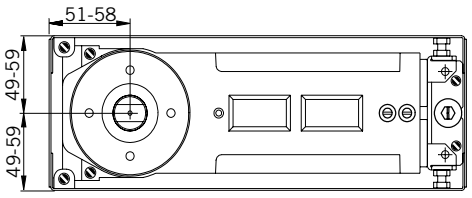


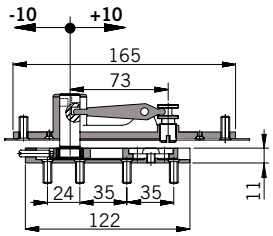


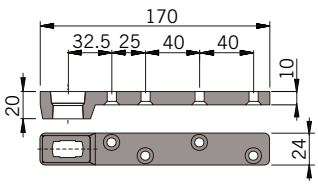
Size	Model		Hold open	Finish
2	CTSU712IM	SR	-	Satin stainless steel
2	CTSU712IM	R0	90º	Satin stainless steel
2	CTSU712IM	R5	105º	Satin stainless steel
3	CTSU713IM	SR	-	Satin stainless steel
3	CTSU713IM	R0	90º	Satin stainless steel
3	CTSU713IM	R5	105º	Satin stainless steel
4	CTSU714IM	SR	-	Satin stainless steel
4	CTSU714IM	R0	90º	Satin stainless steel
4	CTSU714IM	R5	105º	Satin stainless steel











L

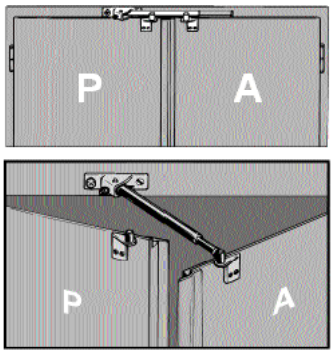
Door closing selector for double doors

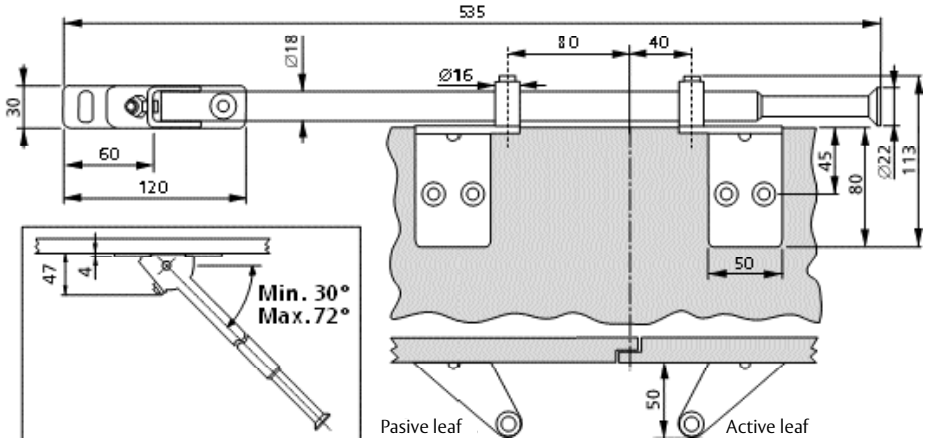
SELTELCIER

CERTIFICADO EN 1158
Válido RF

Zinc plated steel parts for durability and corrosion resistance.
For active door width up to 1,60m.

Model	Active door width
SELTELCIER	Up to 1600 mm





Obermatic door operators

OBM505

The electromechanical swing door operator OBM505 is suitable for a wide variety of applications, thanks to its comprehensive programming options. The door operator includes a new free swing function: when using the door manually it operates lightly without the motor resistance and the door can be left in the open position when required. Supplied with an external power supply (24 VDC / 3A) OBM505 can be used in fire or emergency exit doors.

OBM505 with arm BR505

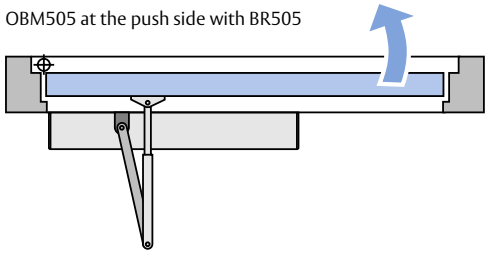
OBM505 with guide GD505

Features

» Precise and easy adjustment by potentiometer of:
- Power.
- Opening/closing speed.
- Hold-Open time.
- Activation od sequential mode (if desired)

» Seal force elimination function (closing pull) before opening
» Door hold closed force and hold-open function
» Programmable "push and go function" as a standard option
» Programmable "free swing function" as a standard option
» Quick and easy installation and commissioning
» Operation of double door without additional accessories

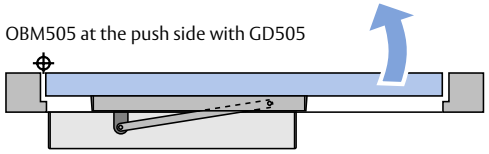
OBM505 at the push side with BR505



Technical details

» Cover dimensions: 85 x 07 x 595 mm, weight 6,5 kg
» Door weight max 125 kg (link arm, door width 1000 mm)
» Power supply 90-264 VAC, 47-63 Hz or secondary power supply 24 VDC, 3 A
» Operation temperature: -15...+50°C
» Non-handed

OBM505 at the push side with GD505

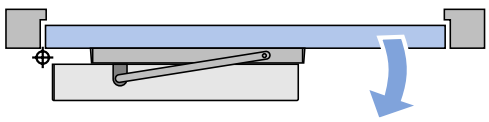


Connectivity: All connections are potential free

IN

» Opening impulse
» Delayed opening impulse
» Fire Alarm (Can be chosen NC or NO)
» Safety sensor impulse
» Door unlocked (for perfect synchronization with the lock or Panic device).

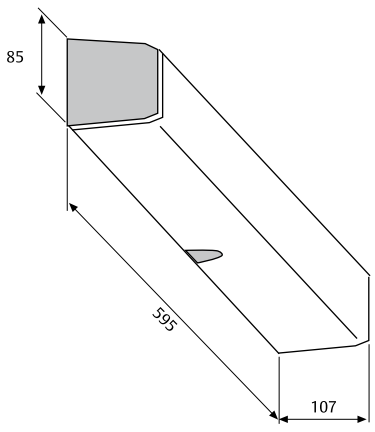
OBM505 at the pull side with GD505



OUT

» Lock control relay (NO, C, NC)
» Voltage output for external impulse devices, safety sensors and locks.12 VDC, 1 A

Model	Finish	Description
OBM505	PL	Obermatic Operator OBM505
PLACA505	NE	Mounting plate OBM505 black
BR505BL	White	Regular arm
BR505PL	Silver	Regular arm
GD505BL	White	Sliding guide
GD505PL	Silver	Sliding guide



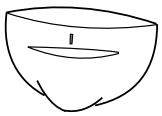
L

Obermatic accesories

Montion sensors

Motion sensors give an opening impulse to Obermatic.

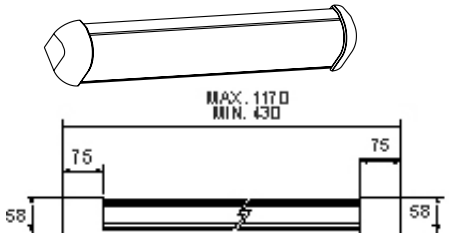
Model	Description
DETECMOVUD	Motion sensor



Safety sensor

They send an impulse inmediatly to Obermatic to Stop the door movement if an object or person is detected in the parth of the door.
The safety sensors are installed on the top of the door, on one side or both.

Model	Description
SENSSEGINT	Indoor safety sensor
SENSSEGEXT	Outdoor safety sensor



TM1S - TM1E

Synchronizer

This device has two input signals and two output. The delay and hold time of output signals can be controlled through potentiometers.

Model	Description
OBMSINC	Synchronizer

Notes

ASSA ABLOY

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ASSA ABLOY is the global leader in door opening solutions,
dedicated to satisfying end-user needs for security, safety and convenience