

Door closers

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TESA

ASSA ABLOY



BAYGAR

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

The scope of installation possibilities of TESA door closers, combined with their accessories, is as wide as that of doors in real life.



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.



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

This is a high challenge when a door closer takes care of a door's closing, as it requires energy from our muscles to reload the spring power in each opening.

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

CT4500 and CT5000 models with guide rail system as well as TEX14 and TEX26 for concealed installation.

Their outstanding efficiency and CAM MOTION design will assure the softer opening that a mechanical device can provide.

The four of them can equip single or double doors, with integrated closing selection and/or electrically controlled Hold Open for safety in Fire Doors.

Wouldn't it be better making a door swing without any effort at all ?

This is now possible with CT3000LE which needs to be loaded only the first time the door is opened. The CT3000LE will disengage itself from the door and it will wake up only in case a Fire alarm occurs.

Closer selection

Standard Arm

EN Size	Width	Weight	CT550	CT1800 CT2550	CT2700	CT2800	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	High	Very High	Extreme	Extreme



Sliding guide rail

EN Size	Width	Weight	CT2000D	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	Medium	Extreme	Very High	Extreme	Extreme



Concealed

EN Size	Width	Weight	TEB 700	TEX14	TEX26
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	Very High



Floor springs

EN Size	Width	Weight	CTS070	CTS100	CTS200	CTS300
1	75 cm	100 Kgs				
2	85 cm	100 Kgs	•	•	•	
3	95 cm	100 Kgs	•	•	•	•
4	110 cm	100 Kgs	•	•	•	•
5	125 cm	300 Kgs				•
6	140 cm	300 Kgs				•
7	160 cm	300 Kgs				•
Traffic intensity			Medium	High	High	Very High



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

Link arm door closers

CT550

The CT550 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 CT550 will feel comfortable closing doors weighing from 40 to 60 Kg. and up to 95 cm. door width.

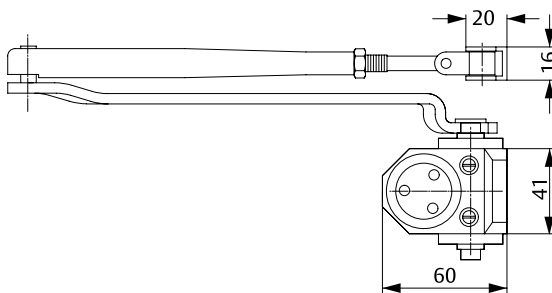
This capability is achieved in a single model thanks to the variable position installation system.

- » 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 0° and 180°.
- » 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

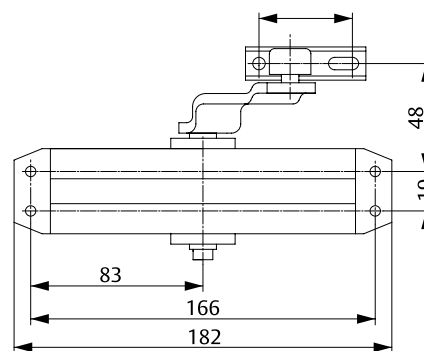
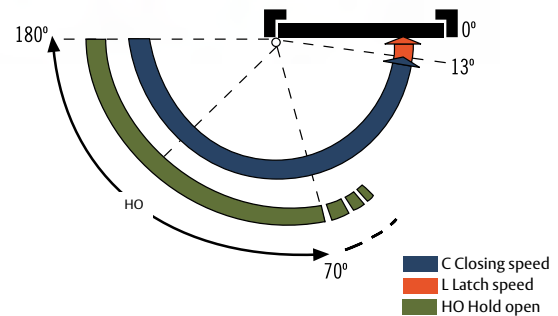
Classification according EN1154:1996+A1:2002

Standard arm transom mountings:

3 8 3 1 1 3



EN 1154 CERTIFIED
Fire door



Model	Size	Door width cm	Door weight Kg	Opening	Adjustable
CT550	2	85	40	180°	S L
(non hold open)	3	95	60	180°	S L
CT501	2	85	40	180°	S L (70-180°)
(hold open)	3	95	60	180°	S L (70-180°)

L

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

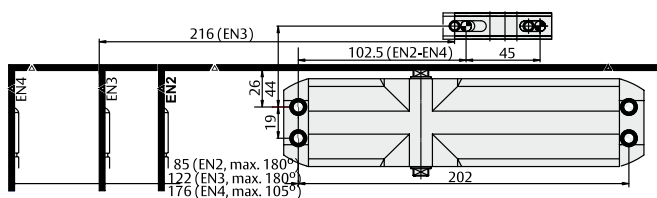
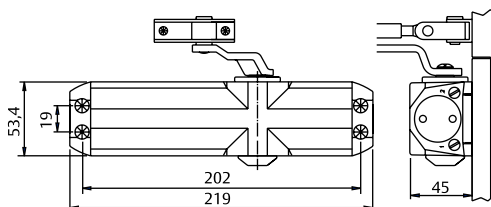
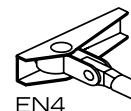
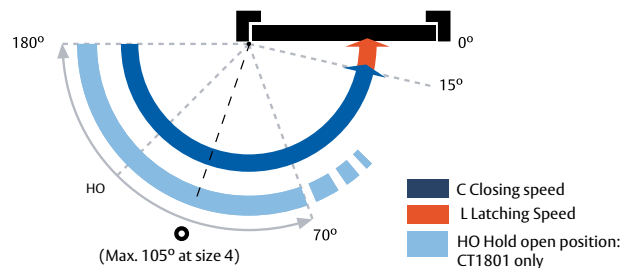
With parallell arm bracket SOP1800

3 8 3 1 1 4

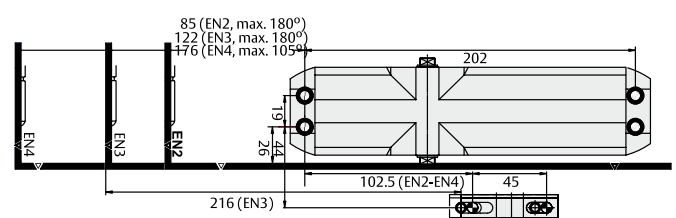


EN 1154 CERTIFIED

Fire door



Standard mounting: Pull side



Transom mounting: Push side

Non hold open (EN1154 Certified)		
Size	Model	Finish
2 - 4	CT180034	BL - NE - PL - BR - OR
Hold open (Not suitable for fire doors)		
Size	Model	Finish
2 - 4	CT180134	BL - NE - PL - BR - OR
Paralell arm installation bracket		
Reference	Finish	
SOP1800	BL - BR - NE - OR - PL	

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



SOP1800 Parallel Arm installation bracket.

Link arm door closers

CT2550

CT2550 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 180° (depending on door hinges and environment).
- » Sweep speed and latching speed fully adjustable with separate valves.
- » Backcheck valve to protect the door against violent openings. CT2550 model only.
- » CT2501: Includes adjustable hold open arm, for any door open position up to 180°.
- » Reversible, non handed.
- » Finishes: White (BL), Black (NE), Silver (PL).

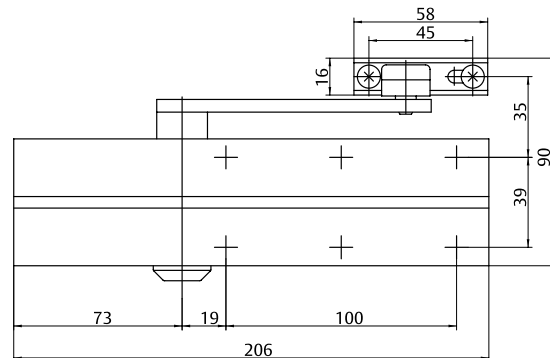
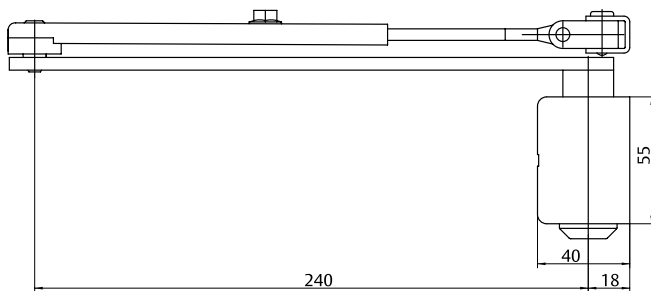
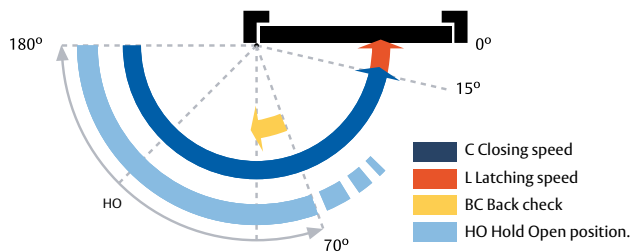
EN 1154 CERTIFIED
Fire door



Classification according EN1154:1996+A1:2002

Standard arm transom mountings:

4 8 2/4 1 1 4



Size (EN 1154)	Ancho puerta cm	Peso puerta Kg
2	85	40
3	95	60
4	110	80

Non hold open (EN1154 certified)		
Size	Model	Finish
2 - 4	CT255034	BL - NE - PL
Hold open (Not suitable for fire doors)		
Size	Model	Finish
2 - 4	CT255134	BL - NE - PL

Link arm door closers

CT2700

The Architectural grade closer which combines stylish design and high performance with link arm.

EN 1154 CERTIFIED
Fire door



Classification with EN1154: 4 8 2/4 1 1 4

- » Quick and easy mounting with one single fixing position for any door.
- » Optional flat mounting plate which is concealed after completing installation: APCT4500HZ
- » High precision adjustments for hydraulic control with three independent valves:
C: Closing speed
L: Latching Speed
BC: Back Check
- » Easy frontal access for all valves.
- » The Valves and fixings are kept concealed under the metallic clip-on cover plate.
- » Extendable grooved spindle with 14 mm. height adjustment.
- » To be used with BN3000 (standard arm) or BR3001 (Hold Open arm) which are ordered separately.
- » BR3001 allows door Hold Open function at any angle up to 150°

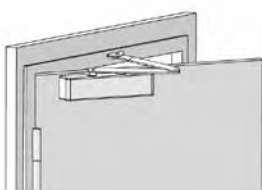
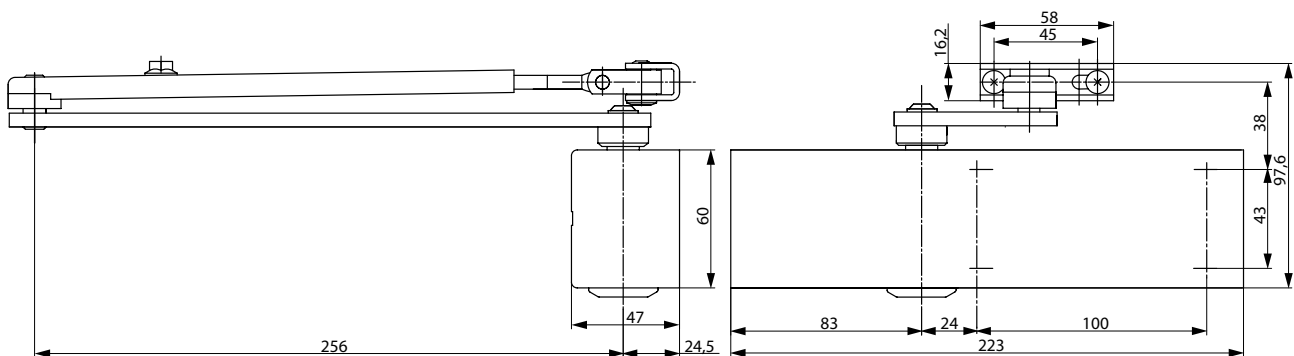
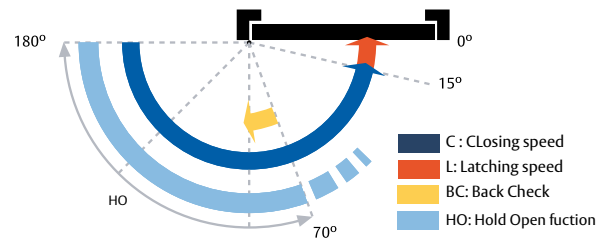
Size	Model	Finish
2 - 4	CT270024	BL - NE - PL

Arms

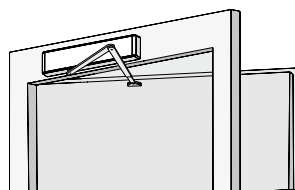
Model	Finish
BN3000	BL - NE - PL
BN3001	BL - NE - PL



CT2700 with BN3000



Standard mounting: Pull side



Transom mounting: Push side



Extendable height spindle 14 mm.

Link arm door closers

CT2800

The Architectural grade closer which combines stylish design and high performance with link arm.

Classification with EN1154: 4 8 3/6 1 1 4

- » Quick and easy mounting with one single fixing position for any door.
- » Optional flat mounting plate which is concealed after completing installation: APCT4500HZ
- » High precision adjustments for hydraulic control with three independent valves:
C: Closing speed
L: Latching Speed
BC: Back Check
- » Easy frontal access for all valves.
- » The Valves and fixings are kept concealed under the metallic clip-on cover plate.
- » Extendable grooved spindle with 14 mm. height adjustment.
- » To be used with BN3000 (standard arm) or BR3001 (Hold Open arm) which are ordered separately.
- » BR3001 allows door Hold Open function at any angle up to 150°

Size	Model	Finish
3 - 6	CT280036	BL - NE - PL

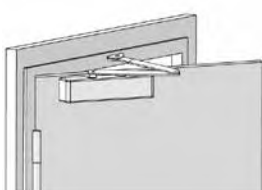
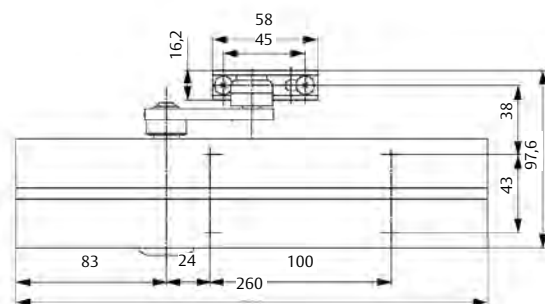
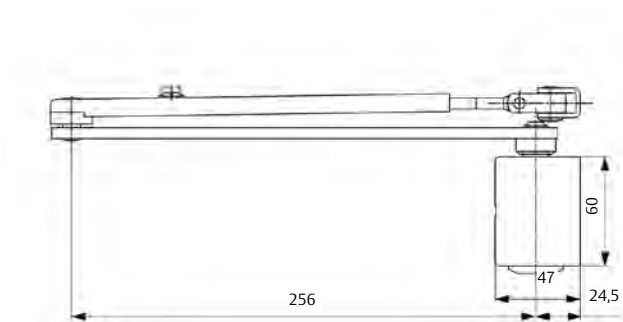
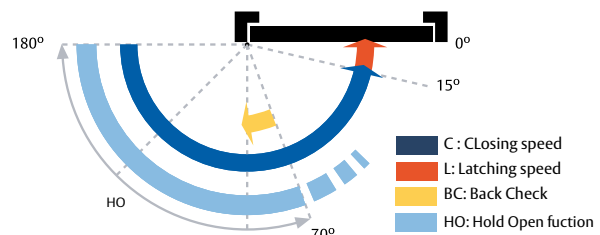
Arms

Model	Finish
BN3000	BL - NE - PL
BN3001	BL - NE - PL

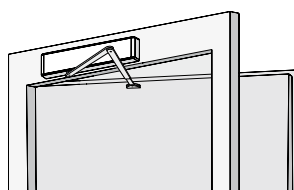
EN 1154 CERTIFIED
Fire door



CT2800 with BN3000



Standard mounting: Pull side



Transom mounting: Push side



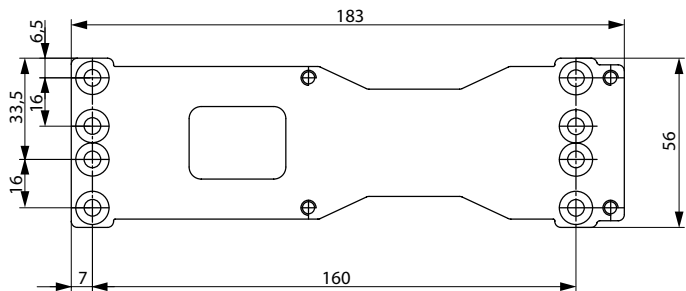
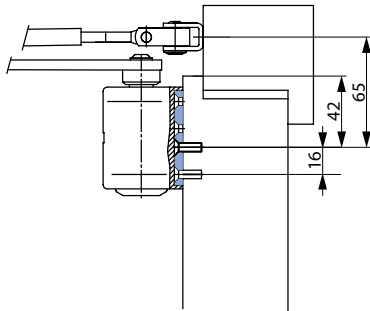
Extendable height spindle 14 mm.

Accessories for CT2700 - CT2800

APCT4500HZ

- » Flat mounting plate for easier closer installation.
- » It can be used with CT2700-CT2800-CT4500 closer bodies.
- » It stays hidden under the closer body after the installation is completed.
- » Zinc plated steel for firm fixing and corrosion resistance.

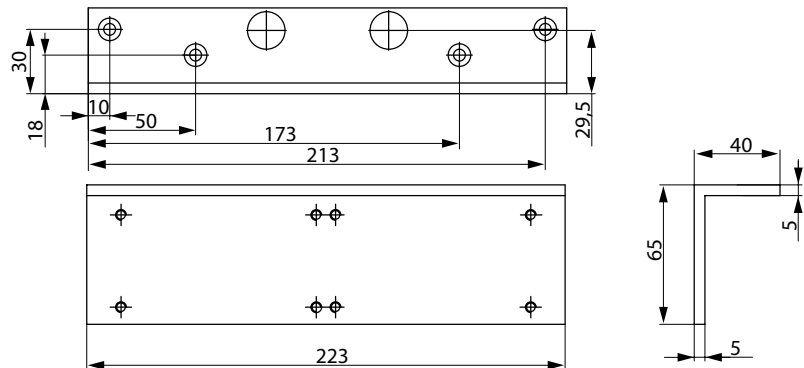
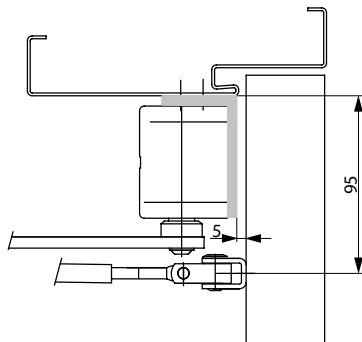
Model	Finish
APCT4500	HZ



ALCT4500

- » L type mounting plate for easier installations under deep frames or ceilings.
- » It can be used with CT2700-CT2800-CT4500 closer bodies.
- » It can be ordered to match the same finish of the door closer.

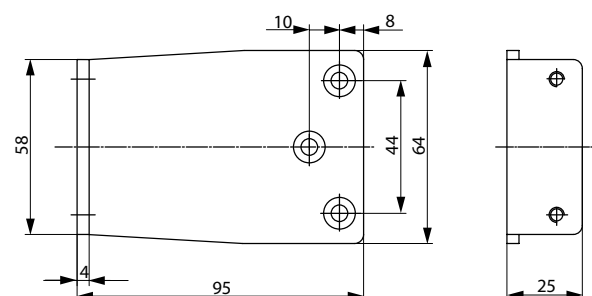
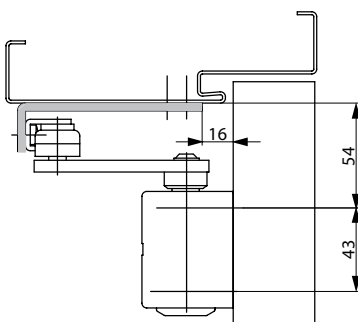
Model	Finish
ALCT4500	BL - BR - NE - OR - PL



SOP278

- » Special bracket for parallel arm mounting at the PUSH side.
- » Allows mounting either the CT2700 or CT2800 on the door leaf at the PUSH side
- » The arm (BN3000 or BR3001) is connected to the SOP278 under the door frame or ceiling.
- » It can be ordered to match the same finish of the door closer

Model	Finish
SOP278	BL - BR - NE - OR - PL



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

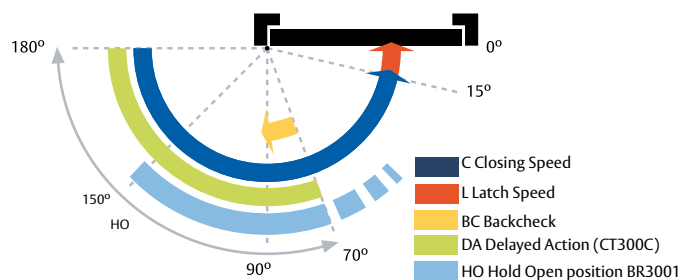
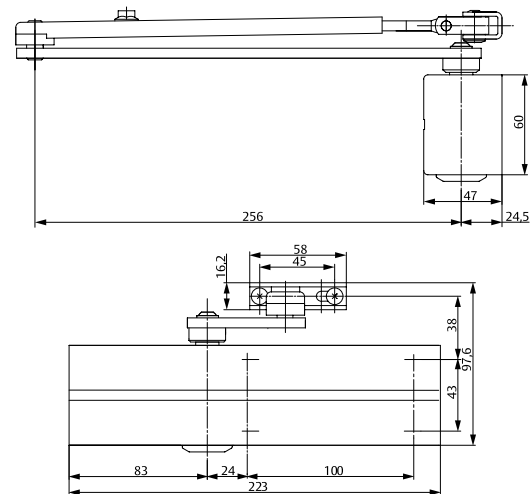
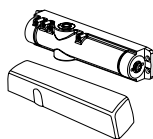
CT300036 with BN3000 / BN3057: 4 8 2/6 1 1 4

CT300036 with GD3000/GD300F: 4 8 1/4 1 1 4

- » Continuously adjustable size from EN2 to EN6. The lowest power capable of closing the door is always achieved with exquisite refinement.
- » CT300036 combined with GD3000 or GD300F guide rails is size adjustable from EN1 to EN4.
- » Backcheck valve to protect the door against violent openings.
- » CT300036 includes Delayed Action valve, which allows to choose how long the door will remain open before starting the closing cycle.
- » BR3001: Adjustable hold open arm, for any door open position up to 150° and Hold Open engage/disengage lever.
- » Internal Safety Valves protect the closer mechanism and door environment from rough or abusive use thanks to, their pressure relief action.
- » Outstanding thermal behaviour: -2 sec. / +1 sec. closing time variation from 20°C to -15°C and from 20°C to +50°C. Working temperature: -35°C to 50°C
- » Reversible, non handed.
- » Finishes: White (BL), Bronze (BR), Black (NE), Gold (OR), Silver (PL), Satin Stainless steel (IM) and Polished brass (LP).

Closer body and arm:

- CT300036: Size adjustable 2 to 6
- CT300036: Size adjustable 2 to 6 plus delayed action.
- Packing: 1/6 unidades.



CT300036 - CT300036				
Size	B.C (Back check)	D.A (Delayed action)	Model	Finish
2 - 6	Yes	-	CT300036	BL - BR - NE - OR - PL - IM
2 - 6	Yes	Yes	CT300036	BL - BR - NE - OR - PL - IM

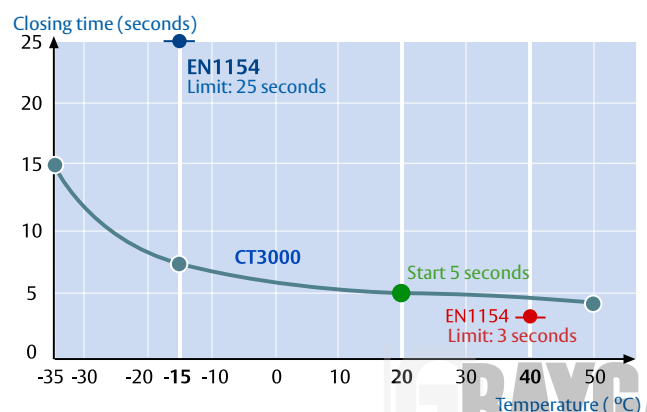
Size (EN 1154)	Door width cm	Door weight Kg
2	85	40
3	95	60
4	110	80
5	125	100
6	140	120
7	160	160



Extendable height spindle 14 mm.

CT3000: Stable under any circumstance

Closing time versus temperature



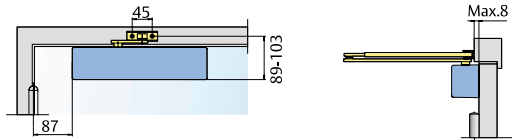
Link arm door closers

CT3000 with standard arm

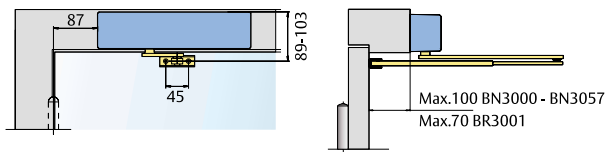
EN 1154 CERTIFIED
Fire door



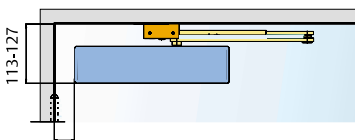
Standard mounting: - pull side



Transom mounting: push side



Paralell arm mounting at the PUSH side with SOP3000

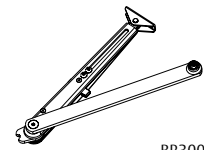


BN3000 Standard arm	
Model	Finish
BN3000	BL - BR - NE - OR - PL
BN3057	IM



BN3000

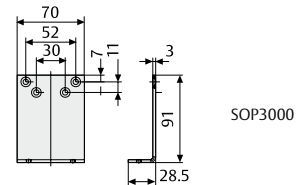
BR3001 hold open arm	
Model	Finish
BR3001	BL - BR - NE - OR - PL



BR3001

Paralell arm bracket	
Model	Finish
SOP3000	BL - BR - NE - OR - PL

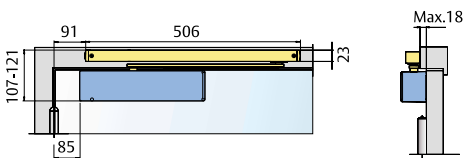
Parallel arm mounting bracket. For CT300036 and CT3000C36, using arms BN3000 or BR3001. Size 1-6. Max.door opening: 180°. All hydraulic controls remain operative



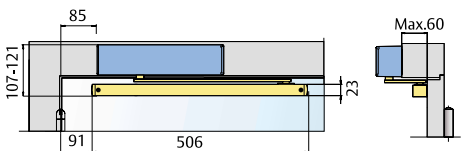
SOP3000

CT3000 with guide rail

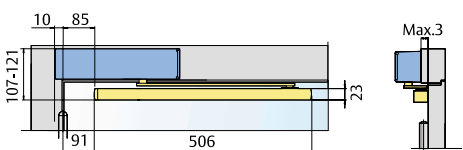
Standard mounting: pull side



Transom mounting: push side



Transom mounting: pull side



GD3000 Guide rail	
Model	Finish
GD3000	BL - BR - NE - OR - PL



GD3000 Guide rail	
Model	Finish
GD300F	BL - BR - NE - OR - PL - IM



Accessories for guide rails	
Model	Description
MR3000	Hold open module (Max. 150°)
MT3000	Opening limit module

Hold open device for GD3000/ GD300F guide rails. Max. Hold Open position: 150°. Includes Hold Open force adjustment.

Opening limit device for GD3000/ GD300F guide rails. Max. door stop position: 120°.



Link arm door closers

CT300057

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

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

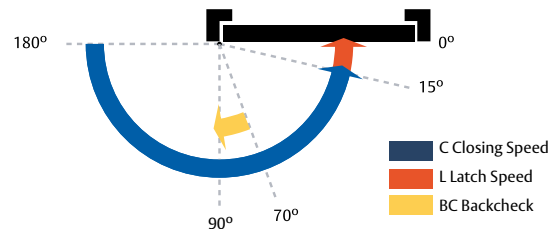
4 8 5/7 1 1 4

- » 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 BN3057 only.

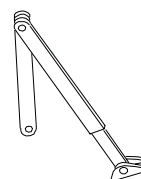
CT300057			
Size	B.C. (Backcheck)	Model	Finish
5 - 7	Yes	CT300057BL	White
5 - 7	Yes	CT300057NE	Black
5 - 7	Yes	CT300057PL	Silver
5 - 7	Yes	CT300057IM	Stainless steel

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

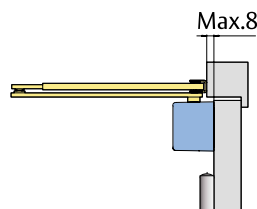
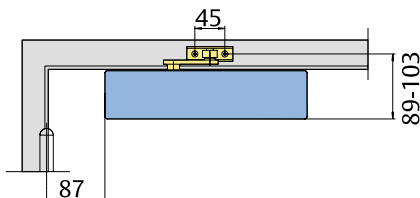
BN3057 Standard arm	
Model	Finish
BN3057BL	White
BN3057NE	Black
BN3057PL	Silver
BN3057IM	Stainless steel



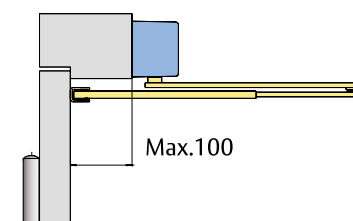
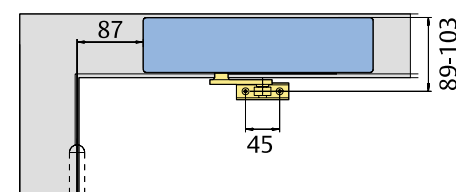
Extendable spindle height 14 mm.



Standard mounting: PULL side



Standard mounting: PUSH side



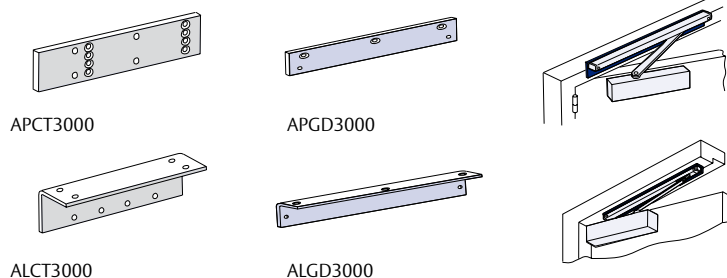
Link arm door closers

CT3000

Installation accessories

Installation accessories		
Model	Finish	Description
APCT3000	BL - BR - NE - OR - PL - IM	Flat plate for all CT3000 bodies
ALCT3000	BL - BR - NE - OR - PL	"L" shape plate for all CT3000 bodies
APGD3000	BL - BR - NE - OR - PL	Flat plate for GD3000 and GD300F
ALGD3000	BL - BR - NE - OR - PL	"L" shape plate for GD3000 and GD300F

Spare covers		
Model	Finish	Description
CARCT3000	BL - BR - NE - OR - PL - IM	Spare cover for all CT3000 bodies



CT3000 Stainless Steel finish

The IM finish for CT300036, CT300057, BN3057 and GD300F has been performed by manufacturing all visible parts in solid satin stainless steel, AISI-304 grade, except the extendable height spindle.

This includes the closer cover, the fixing screws for closers-arms-guide rail, the arm parts, the guide rail cover and even the threaded part for arm to guide rail connection.

CT300036EP

The EP finish has been conceived for outdoors installation. It extends the equipment life and aesthetics thanks to the protective multi-layer coatings that have been applied on all exposed parts before giving them the final silver-grey colour. Moreover, the extendable height spindle has been zinc plated. The result is a salt-spray test endurance of more than 400 hours. (The grade 4 is the maximum corrosion resistance level in EN1670, which is equivalent to 240 hours)

The EP finish can be ordered for CT300036 or CT300057 closers and for B3057 arm.

The flat mounting plate APCT3000 has been also included for the EP range as it is very useful for outdoor installation with narrow frames.

Model	Colour
CT300036EP	Silver
CT300057EP	Silver
BN3057EP	Silver
APCT3000EP	Silver

Link arm door closers

CT3000LE free swing function

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.

» Certified with EN1154: 1996 + A1:2002

With BN3000 and BLE3000: 4 8 3/6 1 1 3

With GD300F and GLE300F: 4 8 3/4 1 1 3

» Certified with EN1155: 1997 + A1:2002

With BN3000 and BLE3000: 3 8 3/6 1 1 3

With GD300F and GLE300F: 3 8 3/4 1 1 3

- » The CT3000LE is equipped with an electro-hydraulic valve capable of blocking the internal fluid circuit. This can be used for free-swing function or for hold open function by choosing the appropriate arms or guide rails.
- » Adjustable size EN3-EN6 with link arms BN3000 or BLE3000
- » Adjustable size EN3-4 with guide rails GD300F or GLE300F
- » Independent valve adjustment for closing and latching speeds.
- » Steel cover included with painted finish.
- » Zinc plated steel mounting plate included.
- » Extendable height spindle (14 mm.)
- » Double internal safety valves with pressure relief action.
- » Power supply: 24 VDC; 90 mA; polarity free connection.

Model	Finish
CT3000LE	BL - NE - PL

EN 1154 CERTIFIED
EN 1155 CERTIFIED
Fire door



Free-Swing function

When combined with link type arm BLE3000 or sliding guide rail GLE3000, 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.

BLE3000 Free swing function	
Model	Finish
BLE3000	BL - NE - PL

GLE300F Free swing function	
Model	Finish
GLE300F	BL - NE - PL

Hold Open function

When combined with standard arm BN3000 or standard guide rail GD300F, the CT3000LE provides Hold Open function:

The door can be opened at any position (Min 70°) and it will stay open.

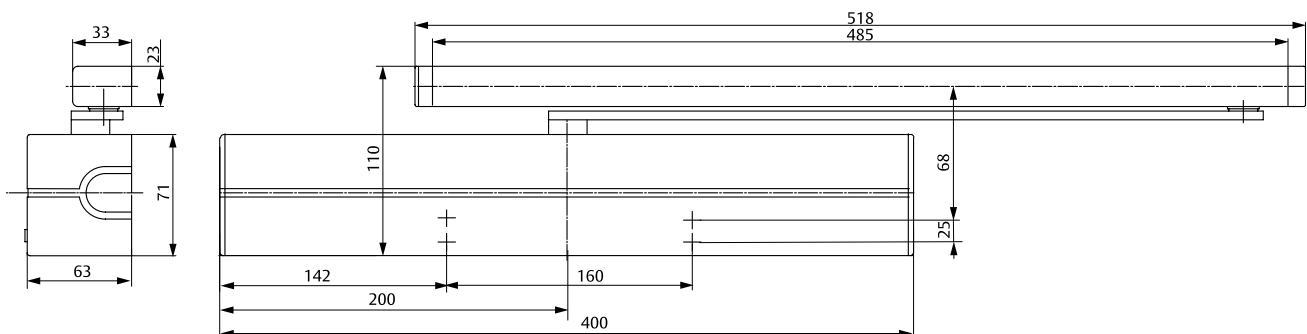
If the door open position needs to be expanded, the door can be just pushed further, up to 160°

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.

BN3000 Standard arm	
Model	Finish
BN3000	BL - NE - PL

GD300F Guide rail	
Model	Finish
GD300F	BL - NE - PL



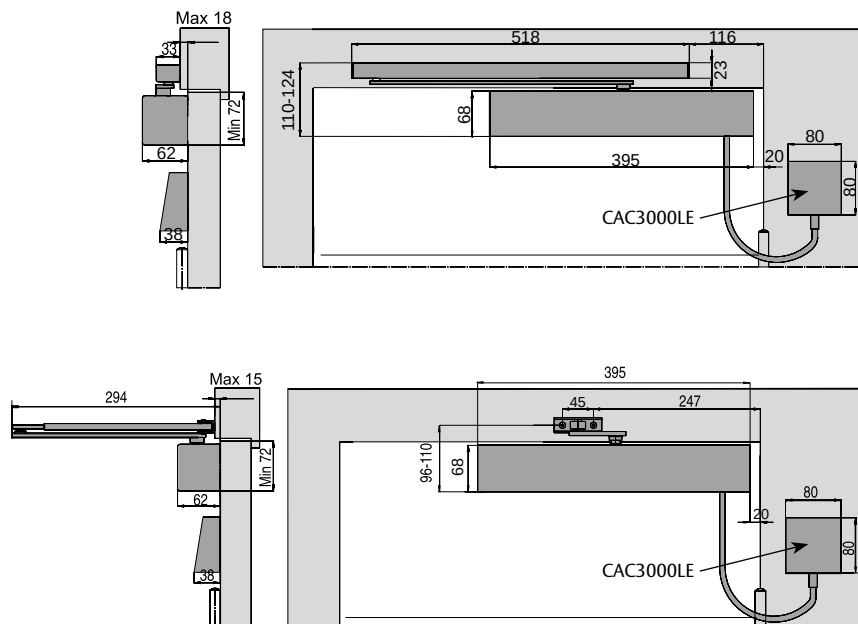
Link arm door closers

CAC3000LE electric connection box	
Model	Finish
CAC3000LE	BL

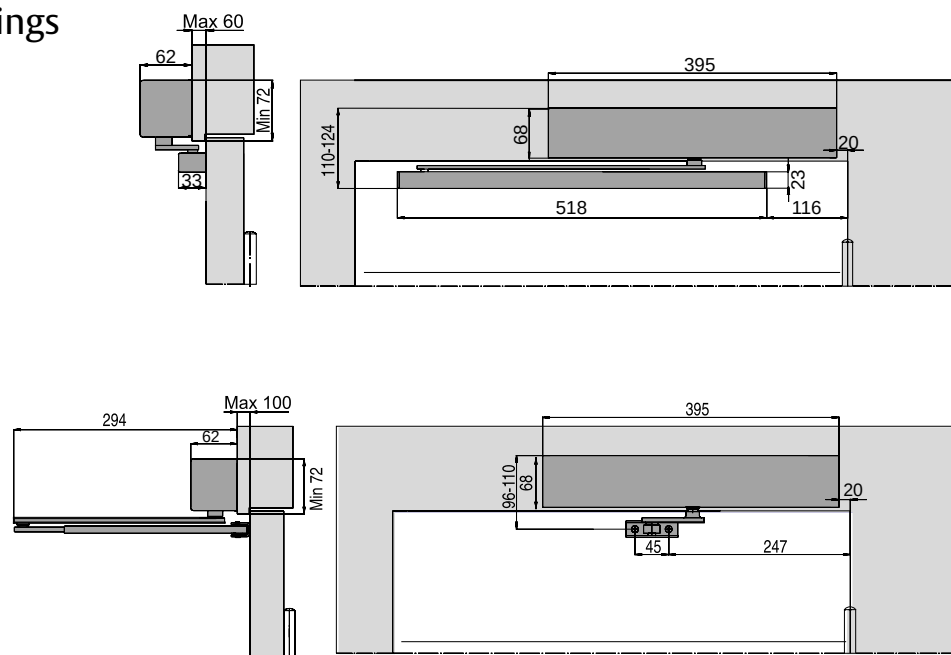
Electric connections box, recommended when the CT3000LE is mounted on the door leaf



PULL side mountings



PUSH side mountings



Sliding guide rail closers

CT2300

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:

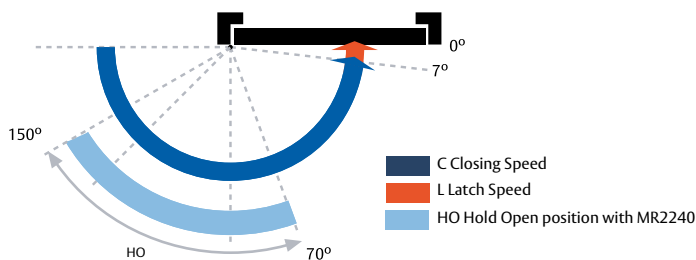
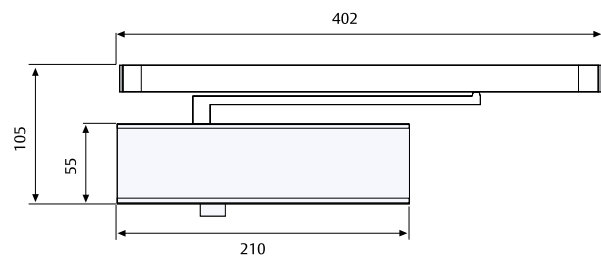
4 8 3 1 1 3

- » 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 120°.
- » Finishes: White (BL), Black (NE), Silver (PL)

EN 1154 CERTIFIED
Fire door



CT2200 with CARCT2200IM and GD2200IM



Model	Size (EN 1154)	Door width cm	Door weight Kg	Adjustment
CT2300	3	95	60	VC -GF

Model	Size	Finish
CT23003BL	3	White
CT23003NE	3	Black
CT23003PL	3	Silver

Accessories	
Reference	Description
MR2300 (not valid for FD)	Hold open set (max. 120°)

Sliding guide rail closers

CT4500

The architectural grade closer offering superior performance and aesthetics with sliding guide rail.

- » Size is continuously adjustable EN1-EN4
- » The symmetric CAM MOTION mechanism provides universal versatility, allowing all mounting possibilities with a single model.
- » Designed to work with GD300F (or GD3000) guide rails for superior aesthetics.
- » Independent valve adjustment for closing and latching speeds.
- » Extendable height spindle (14 mm.)
- » Internal safety valve with pressure relief action.
- » Optional flat mounting plate which is concealed after completing installation: APCT4500HZ
- » Compatible for use with the GD15EM, GD25SC and GD25EM guide rail system for the widest solutions range in single or double Fire Door equipment. (Pages 23-25)

PULL side

4 8 1/4 1 1 3

PUSH side:

3 8 1/4 1 1 3

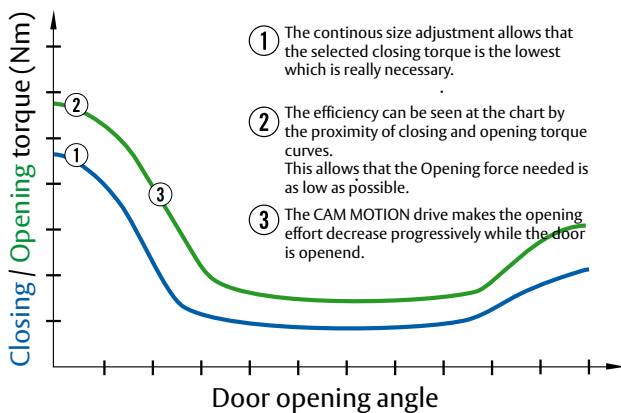
The CAM MOTION drive:

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.

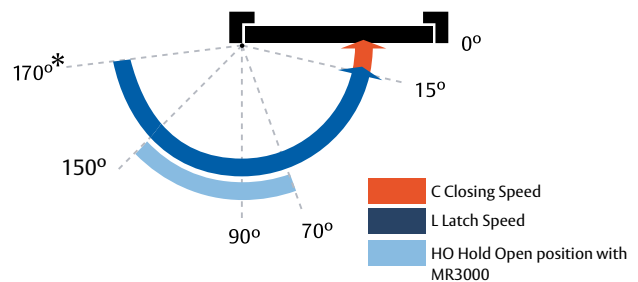
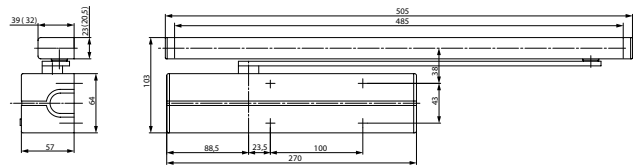
Approved for use in DEC environment like Elderly homes, health care facilities and kindergartens.

(DEC= Disabled, Elderly and Children)



EN 1154 CERTIFIED

Fire door



*When mounted at the PUSH side.

Size (EN 1154)	Door width cm	Door weight 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

Model	Description	Finish
CARCT4500BL	Spare cover	White
CARCT4500NE	Spare cover	Black
CARCT4500PL	Spare cover	Silver
CARCT4500IM	Spare cover	Stainless steel

Sliding guide rail closers

CT5000

EN 1154 CERTIFIED
Fire door



The full featured architectural grade closer that has revolutionized the concept of door closing.

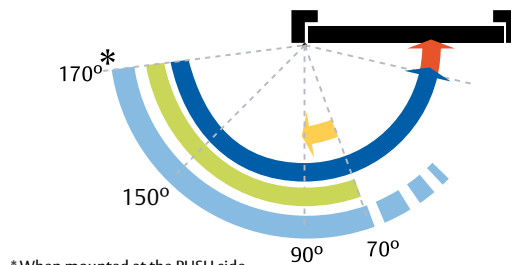
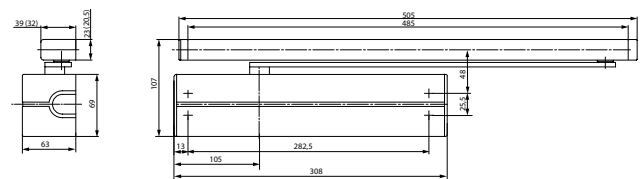
- » Size is continuously adjustable EN1-EN6. The widest size scope achievement ever with a sliding guide closer.
- » The symmetric CAM MOTION mechanism provides universal versatility, allowing all mounting possibilities with a single model.
- » Designed to work with GD300F (or GD3000) guide rails for superior aesthetics.
- » 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.

PULL side

4 8 1/6 1 1 3

PUSH side:

3 8 1/6 1 1 3

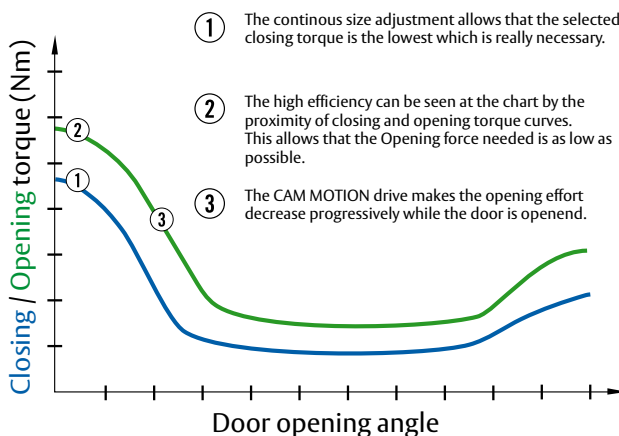


*When mounted at the PUSH side

- L Latch Speed
- C Closing speed
- BC Backcheck
- HO Hold Open position with MR3000
- Delayed guide action (CT5006)

The CAM MOTION drive:

- » The symmetric CAM motion drive is based in three cornerstones:
- » The Cam to Piston direct contact by rolling motion
- » The exquisitely engineered Cam contour
- » The outstanding quality of materials and manufacture of all components.
- » The result is that the CT5000 achieves the highest efficiency and torque output characteristics.
- » Any door will be lighter to open than ever before, while assuring a reliable door closing under all circumstances.
- » Approved for use in DEC environment like Elderly homes, health care institutes and kindergartens.
(DEC= Disabled, Elderly and Children)



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

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

Sliding guide rail closers

GD300F

Guide rail, with cover for the CT3000, CT4500 and CT5000.

Model	Finish
GD300FBL	White
GD300FNE	Black
GD300FPL	Silver
GD300FIM	Stainless steel



GD3000

Guide rail, without cover for the CT3000, CT4500 and CT5000.

Model	Finish
GD3000BL	White
GD3000NE	Black
GD3000PL	Silver



MR3000

MR3000: Hold Open device fully adjustable for door position (Max. 130°) and door holding strength.

Model	Description
MR3000	-



MT3000

MT3000: Door opening damper (Max. 130°) It does not replace a door stop.

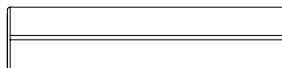
Model	Description
MT3000	-



CARCT4500

Spare cover for CT4500

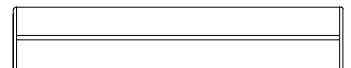
Model	Finish
CARCT4500BL	White
CARCT4500NE	Black
CARCT4500PL	Silver
CARCT4500IM	Stainless steel



CARCT3000

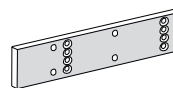
Spare cover for CT3000 and CT5000.

Model	Finish
CARCT3000BL	White
CARCT3000NE	Black
CARCT3000PL	Silver
CARCT3000IM	Stainless steel

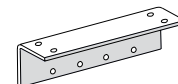


Installation accessories

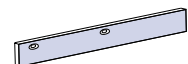
Installation accessories		
Model	Finish	Description
APCT3000	BL - NE - PL - IM	Flat plate for all CT5000 bodies
ALCT3000	BL - NE - PL	"L" shape plate for all CT5000 bodies
APGD3000	BL - NE - PL	Flat plate for GD3000 - GD300F
ALGD3000	BL - NE - PL	"L" shape plate for GD3000 - GD300F



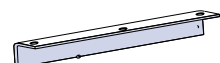
APCT3000



ALCT3000



APGD3000

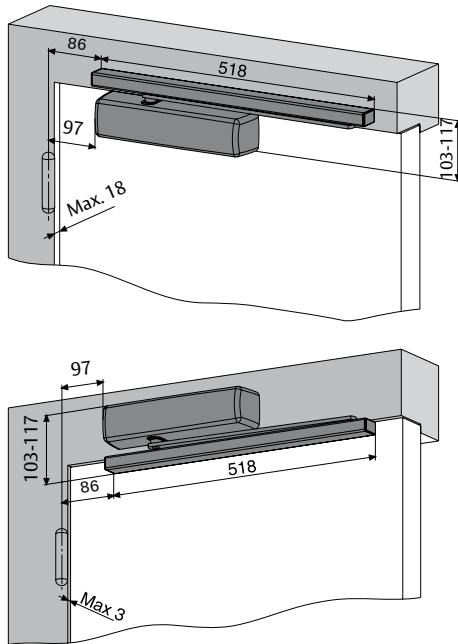


ALGD3000

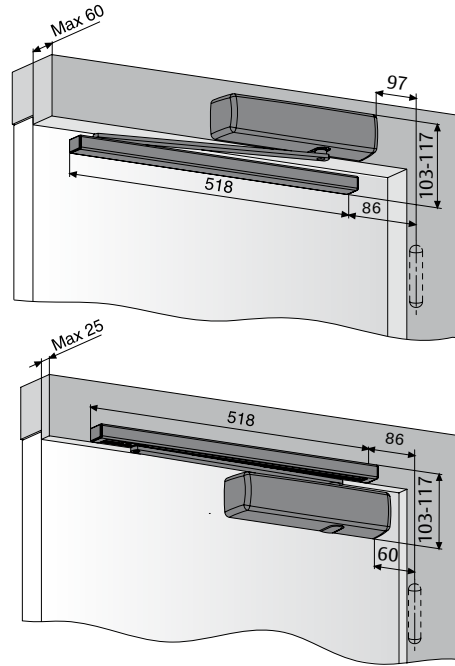
Sliding guide rail closers

CT4500 universal mountings

Pull side

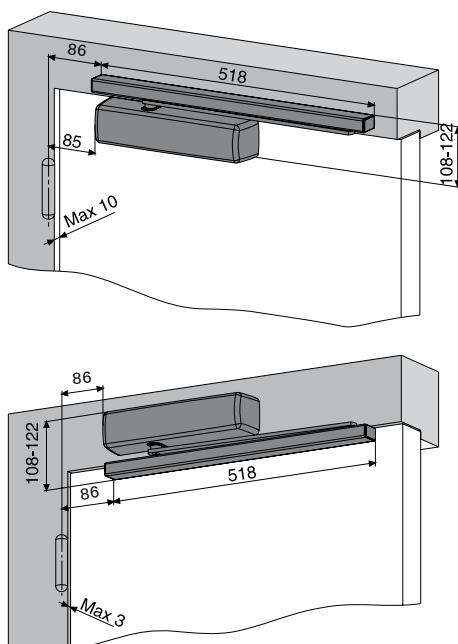


Push side

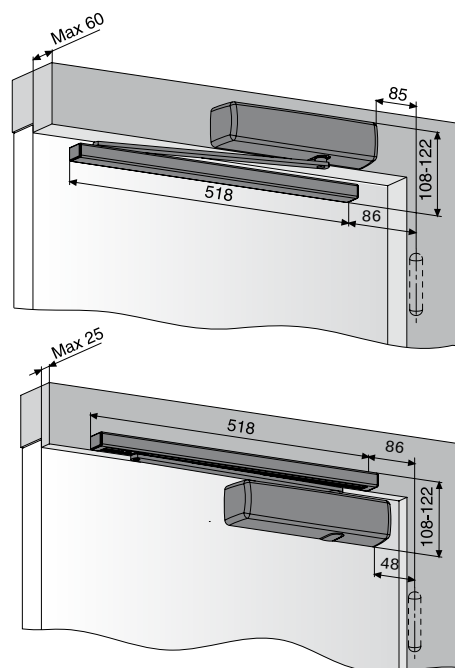


CT5000 universal mountings

Pull side



Push side



Sliding guide rail closers

CT5700

EN 1154 CERTIFIED
Fire door



Slide track closer for large doors.

Certification: UNE-EN 1154:1996 + A1: 2003

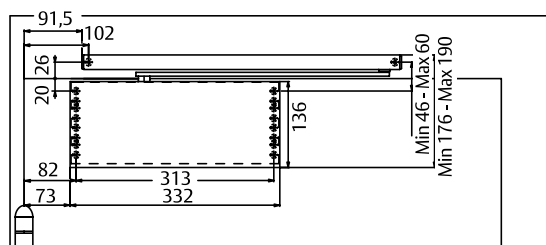
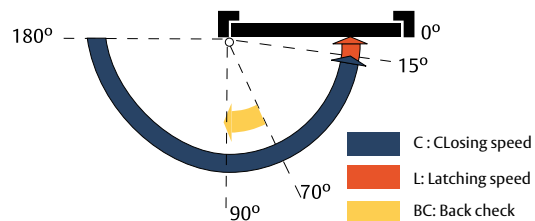
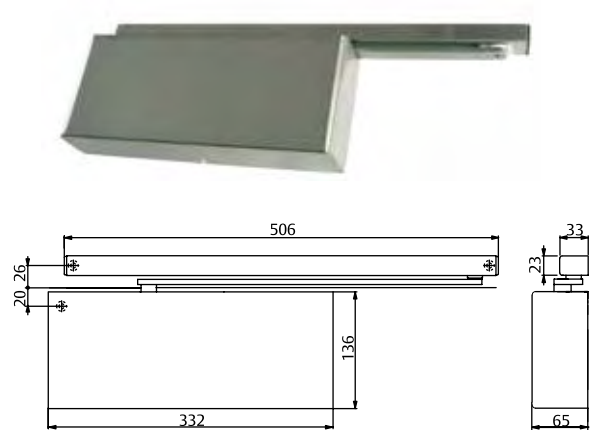
Classification: 4 8 5/7 1 1 4

- » 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.
- » Finishes: BL, BR, NE, OR, PL, IM.

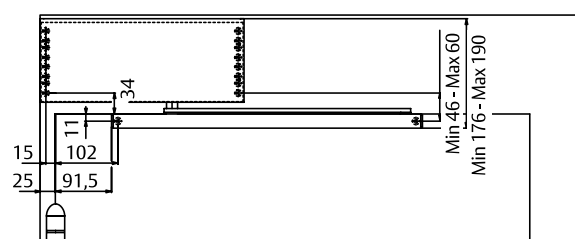
Size (EN 1154)	Door width cm	Door weight Kg	Adjustment
5	125	Maximun 400	VC - GF - FA
6	140	Maximun 400	VC - GF - FA
7	160	Maximun 400	VC - GF - FA

Size	B.C (Back check)	Model	Finish
5 - 7	Yes	CT570057BL	White
5 - 7	Yes	CT570057NE	Black
5 - 7	Yes	CT570057PL	Silver
5 - 7	Yes	CT570057IM	Stainless steel

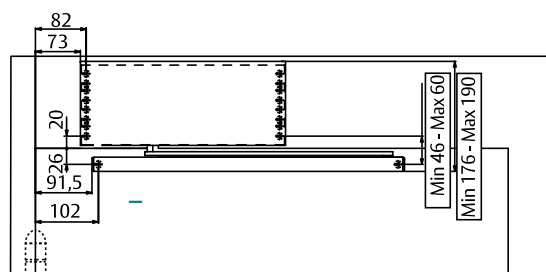
Guide rails	
Model	Finish
GD300FBL	White
GD300FNE	Black
GD300FPL	Silver
GD300FIM	Stainless steel



Standard mounting. Pull side



Transom mounting. Push side



Sliding guide rails for CT5000 - CT4500

GD15EM

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

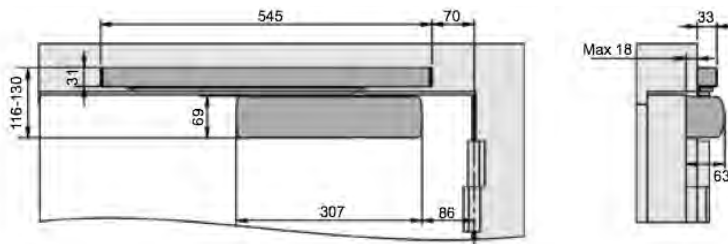
- » Adjustable Hold Open position 70°-130°
- » Adjustable Hold open strenght by potentiometer.
- » Power supply 24VDC, 60 mA. Quick and easy connection, polarity free.
- » Fully reversible for PULL and PUSH side mounting.



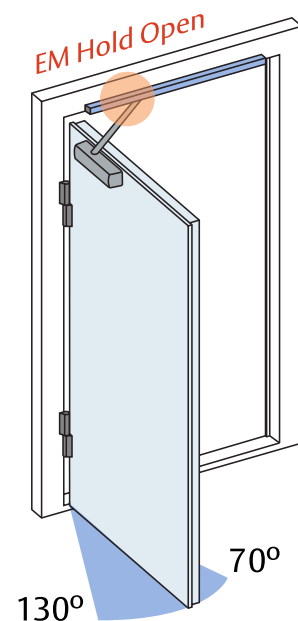
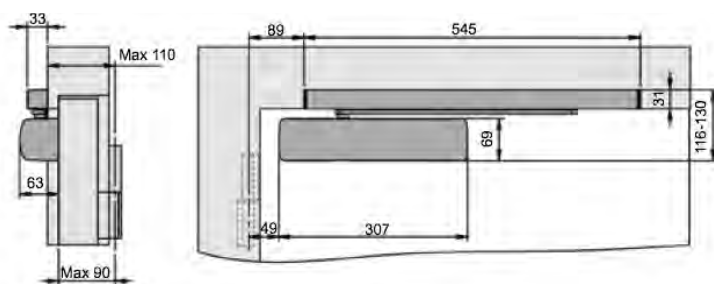
GD15EM with CT5000

GD15EM	
GD15EMBL	White
GD15EMNE	Black
GD15EMPL	Silver
GD15EM IM	Satin stainless steel

Pull side



Push side



L

Sliding guide rails for CT5000 - CT4500

GD25SC

EN 1158 CERTIFIED
Fire door



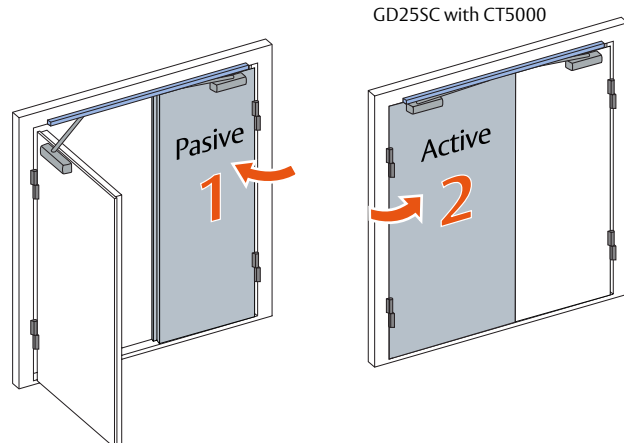
The architectural choice for safe double doors with slim desing and superior performance and durability.

- » 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

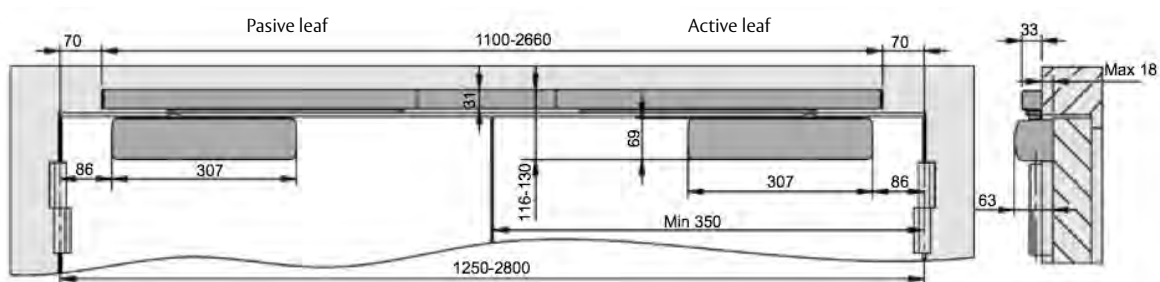
3 8 3/6 1 1 3

- » Maximum door opening: Pull side
 - 150° at the Active side
 - 170° at the Inactive side
- » Fully reversible for right or left handed doors and PULL or PUSH side monting.
- » The accessory ACB25 must be used for mounting at the PUSH side. (Page 25)
- » For double doors from 1250 to 2800 mm. at the PULL side
- » For double doors from 1400 to 2800 mm. at the PUSH side.

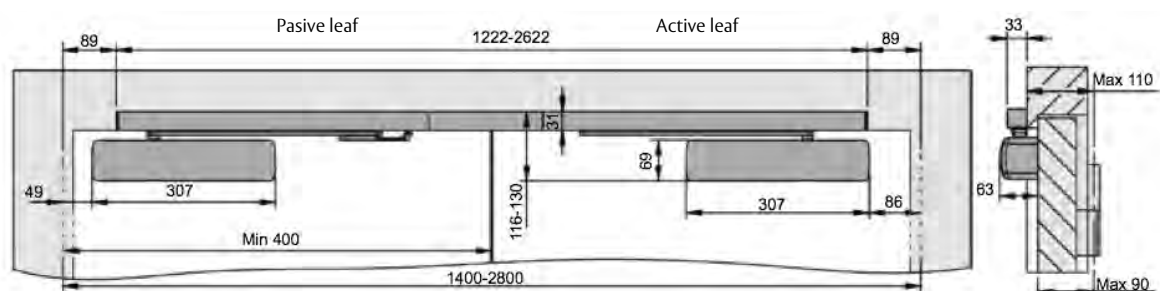


Model	Finish
GD25SCBL	White
GD25SCNE	Black
GD25SCPL	Silver
GD25SCIM	Stainless steel

Pull side mounting



Push side mounting with ACB25



Sliding guide rails for CT5000 - CT4500

GD25EM1

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door



The architectural 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.

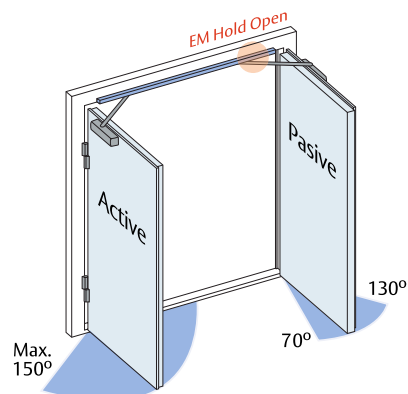
- » Classification with EN1158:1997 + A1:2002

3 8 3/6 1 1 3

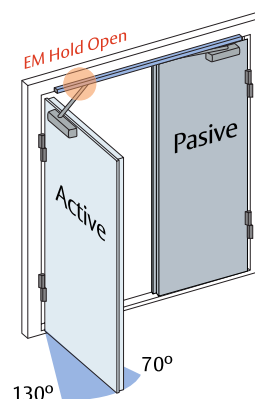
- » Classification with EN1155:1997 + A1:2002

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 70°-130°
- » 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 ACB25 must be used for mounting at the PUSH side. (Page 25)
- » 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

Model	Finish
GD25EM1BL	White
GD25EM1NE	Black
GD25EM1PL	Silver
GD25EM1IM	Stainless steel

Sliding guide rails for CT5000 - CT4500

GD25EM2

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door



The architectural 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.

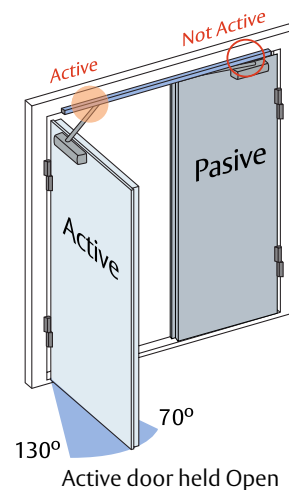
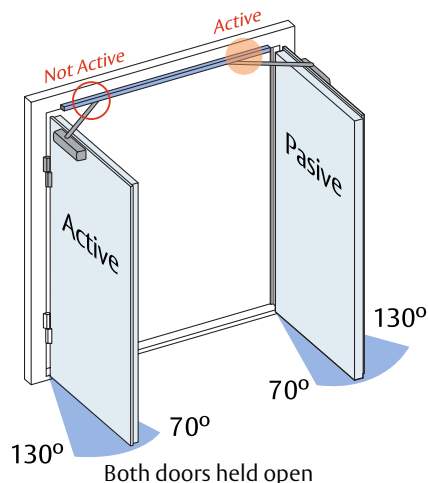
Classification with EN1158:1997 + A1:2002

3 8 3/6 1 1 3

Classification with EN1155:1997 + A1:2002

3 8 3/6 1 1 3

- » Two EM hold open sets are pre-assembled in both the Active and Pasive side guide rails.
- » GD25EM2 allows having both doors open or just the Active door open only.
- » Adjustable Hold Open position 70°-130°
- » 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 ACB25 must be used for mounting at the PUSH side. (Page 25)
- » For double doors from 1250 to 2800 mm. at the PULL side.
- » For double doors from 1400 to 2800 mm. at the PUSH side.



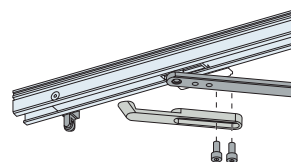
Model	Finish
GD25EM2BL	White
GD25EM2NE	Black
GD25EM2PL	Silver
GD25EM2IM	Stainless steel

Accessories for GD15- GD25

ACB25

- » The ACB25 is an accessory that must be used for PUSH side mounting with the GD25 SC-EM1-EM2 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 passive door.
- » They can be chosen in any finish to match the guide rails.

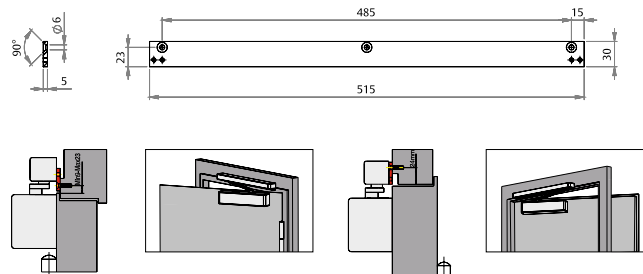
Model	Finish
ACB25BL	White
ACB25NE	Black
ACB25PL	Silver
ACB25IM	Stainless steel



APGD25

- » Flat type mounting plate for the GD15EM and the GD25 SC-EM1-EM2 guide rails.
- » They make installation easier, specially when frames are narrow.
- » They can be chosen in any finish to match the GD25s.

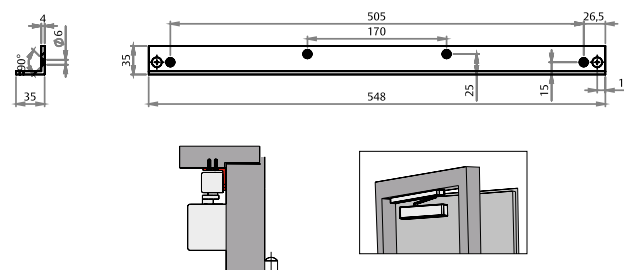
Model	Finish
APGD25BL	White
APGD25NE	Black
APGD25PL	Silver



ALGD25

- » Angle mounting plate for the GD15EM and the GD25 SC-EM1-EM2 guide rails.
- » Specially suited for installation at the push side, allowing the guide rails to be fitted underneath deep frames or ceilings.
- » They can be chosen in any finish to match the GD25s.

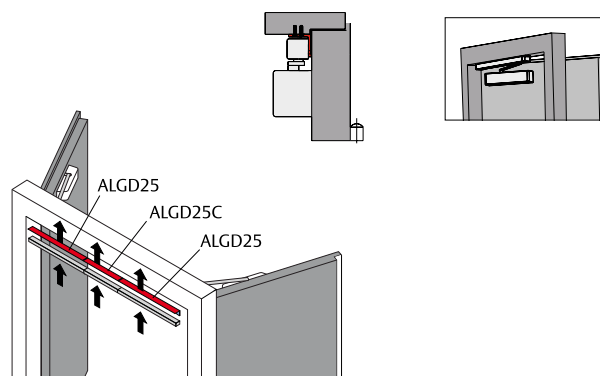
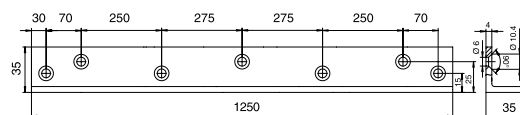
Model	Finish
ALGD25BL	White
ALGD25NE	Black
ALGD25PL	Silver



ALGD25C

- » Angle mounting plate with a plain frontal face, without holes.
- » ALGD25C is cut to the needed length for completing the installations at the PUSH side when ALGD25s have been used for the guide rails.
- » It can be chosen in any finish to match the GD25s.

Model	Finish
ALGD25CBL	White
ALGD25CBR	Black
ALGD25CNE	Silver
ALGD25CPL	Stainless steel



Concealed doorclosers

TEB700

EN 1154 CERTIFIED
Fire door



The basic yet reliable concealed door closer for wooden doors.

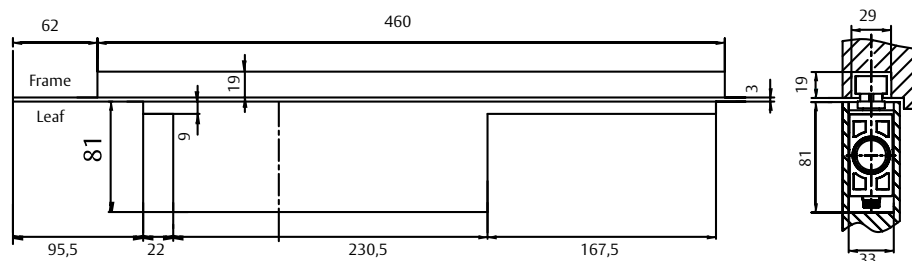
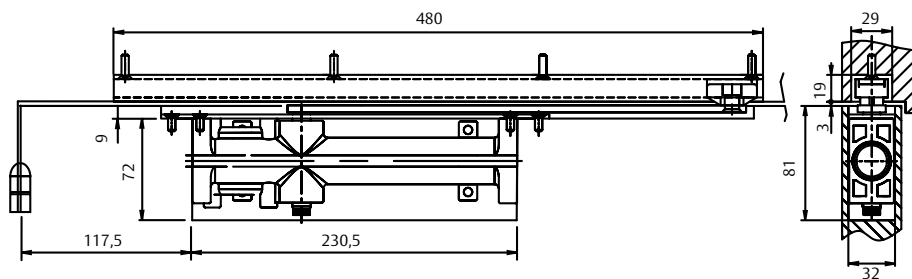
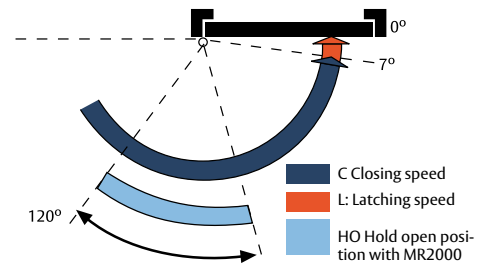
» Clasificación with EN1154:1996 + A1:2002

» Clasificación TEB702: 3 8 2 0 1 4

» Clasificación TEB703: 3 8 3 1 1 4

- » TEB702 model is suitable for door width up to 85 cms. (Not valid for Fire Doors according EN1154)
- » TEB703 model is ideal for door width of 95 cms. and can be used in Fire Doors.
- » Same body dimensions and door machining for both models.
- » Minimum thickness in wooden doors: 40 mm.
- » The closer body and guide rail are supplied together in a single package.
- » Optional Hold Open function can be obtained ordering the MR2000 Hold Open module. (Max. 120°)

Reference	Size	Door width cm	Door weight Kg	Adjustment	Finish
TEB702PL	2	85	40	VC - GF	PL
TEB703PL	3	95	60	VC - GF	PL
MR2000	HD device	-	-	-	-



Concealed doorclosers

TEX14

The architectural grade concealed closer offering superior performance and aesthetics.

» Size is continuously adjustable EN1-EN4

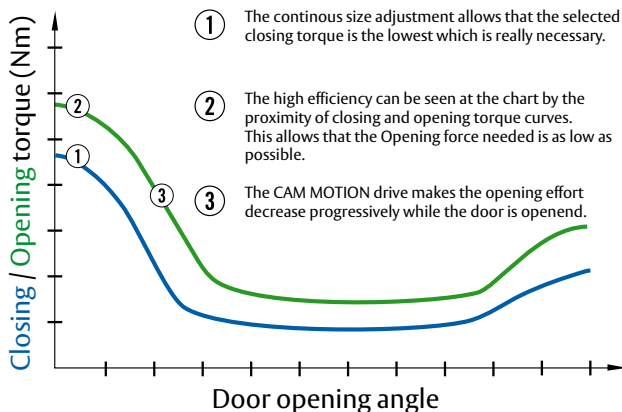
Classification with EN1154: 1996 + A1: 2002

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 GDXEM, GD2XSC and GD2XEM guide rail system for the widest solutions range in single or double Fire Door equipment. (Pages 30-31)

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)



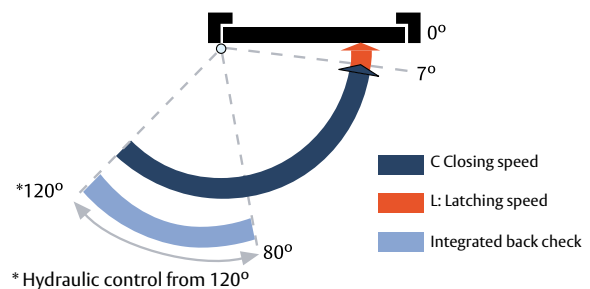
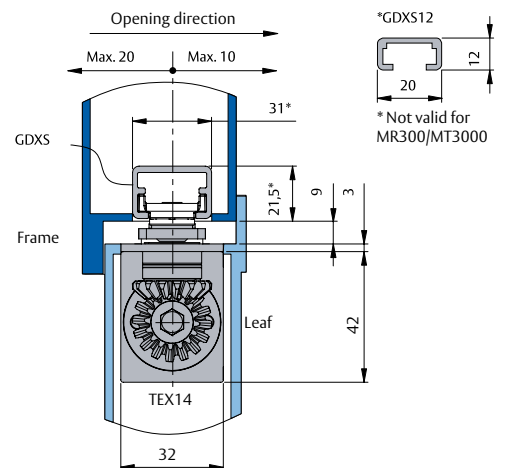
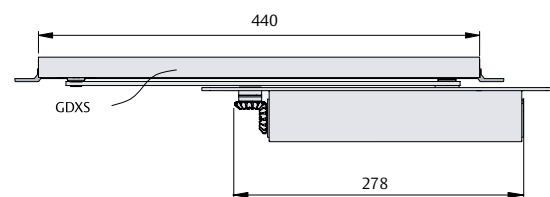
Size (EN 1154)	Door width cm	Door weight Kg	Adjustments
1 - 4	70 - 110	20 - 80	VC - GF

Product code	Description	Finish
TEX14	Concealed doorcloser EN1-4	PL
GDXS	Guide rail 31x21	PL
GDXS12	Guide rail 20x12	PL

Accessories	Description
PLATEX	Mounting KIT for TEX14
MR3000	Hold open device for GDXS
MT3000	Opening damper GDXS

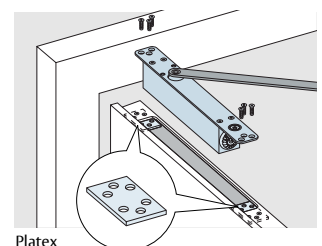


TEX14 with GDXS



PLATEX

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



MR3000



MT3000

Concealed doorclosers

TEX26

The architectural grade concealed closer offering superior performance and aesthetics.

» Size is continuously adjustable EN1-EN5

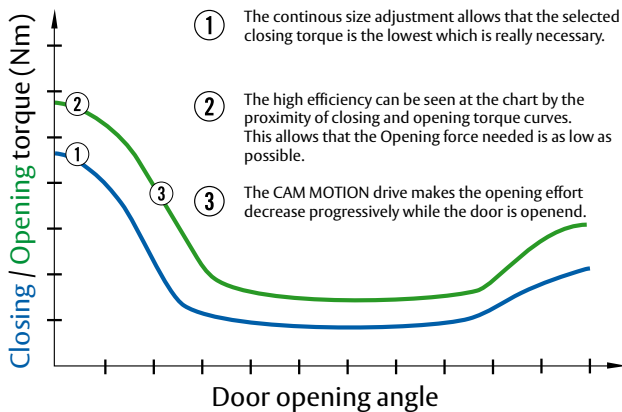
Classification with EN1154: 1996 + A1: 2002

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 GDXEM, GD2XSC and GD2XEM guide rail system for the widest solutions range in single or double Fire Door equipment. (Pages 30-31)

The CAM MOTION drive:

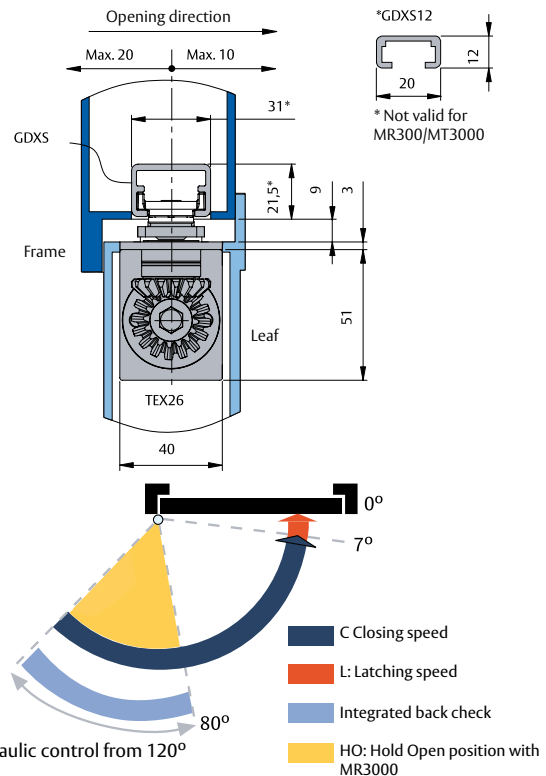
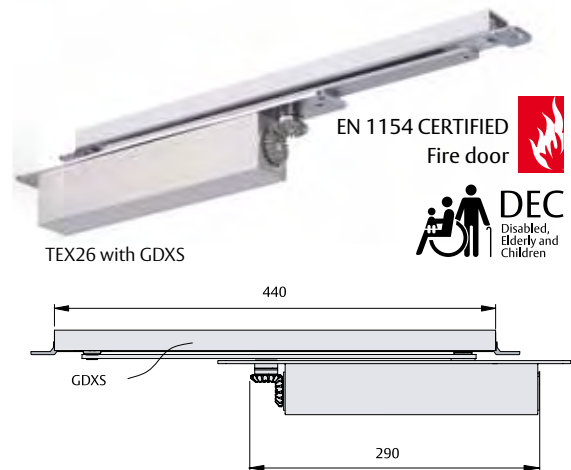
- » The TEX26 works with the exclusive symmetric CAM MOTION drive that the brilliant CT5000 has made famous.
- » By achieving the highest efficiency and torque output characteristics, the TEX14 makes the door opening feel smooth as silk while assuring a reliable door closing under all circumstances.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



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

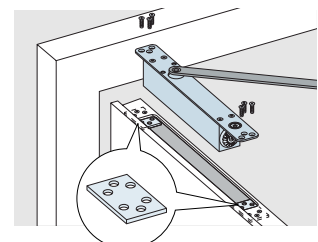
Product code	Description	Finish
TEX26	Concealed doorcloser EN1-5	PL
GDXS	Guide rail 31x21	PL
GDXS12	Guide rail 20x12	PL

Accessories	Description
PLATEX	Mounting KIT for TEX26
MR3000	Hold open device for GDXS
MT3000	Opening damper GDXS



PLATEX

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



Concealed doorclosers

GDXEM

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

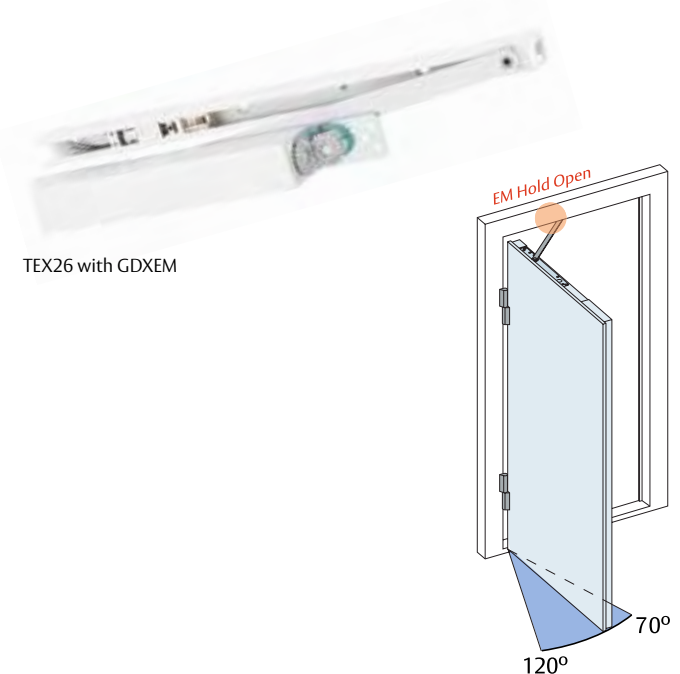
3 8 3/6 1 1 3

- » GDXEM allows holding the door open at any angle from 70° to 120°.
- » GDXEM 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
GDXEMPL	Silver

Door machining drawings at page 35

EN 1155 CERTIFIED
Fire door



GD2XSC

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

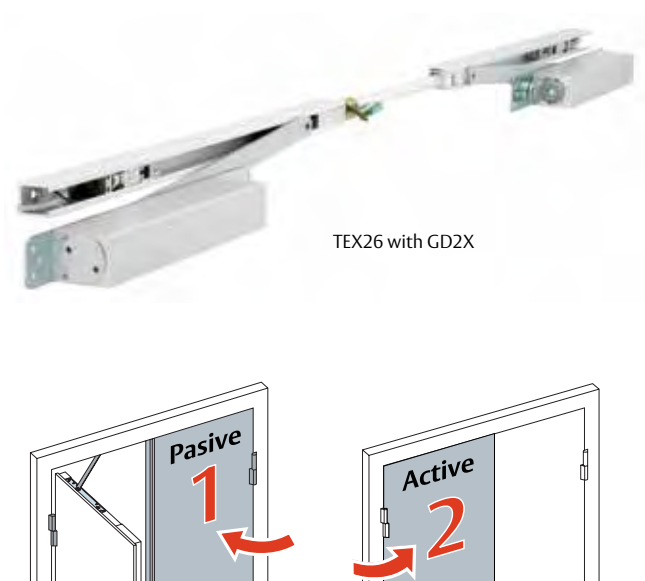
3 5 3/6 1 1 0

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

Model	Finish
GD2XSCPL	Silver

Door machining drawings at page 35

EN 1158 CERTIFIED
Fire door



Concealed doorclosers

GD2XEM1

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

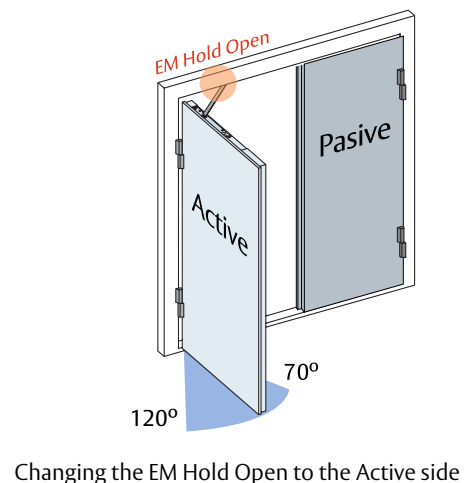
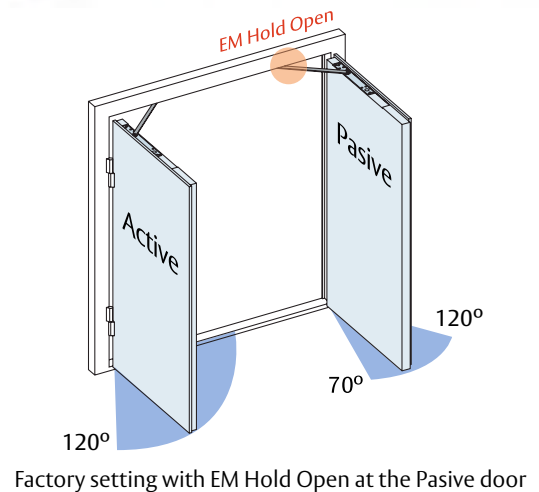
Classification with EN1155:1997 + A1:2002

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 70°-120°
- » 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
GD2XEM1PL	Silver

EN 1155 CERTIFIED
EN 1158 CERTIFIED
Fire door



Door machining drawings at page 35

Concealed doorclosers

GD2XEM2

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

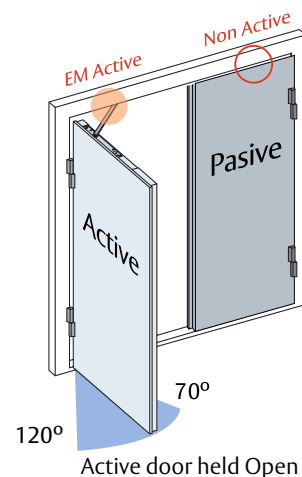
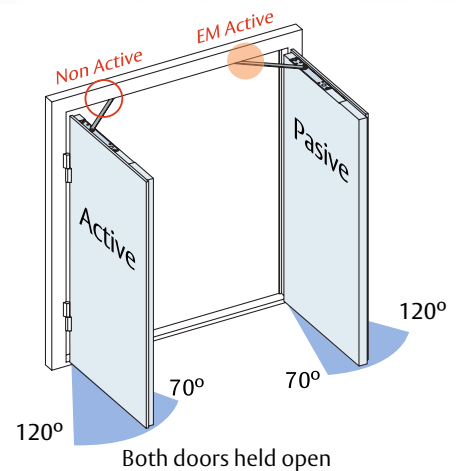
3 5 3/6 1 1 0

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.
- » GD2XEM2 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 70°-120°
- » 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.

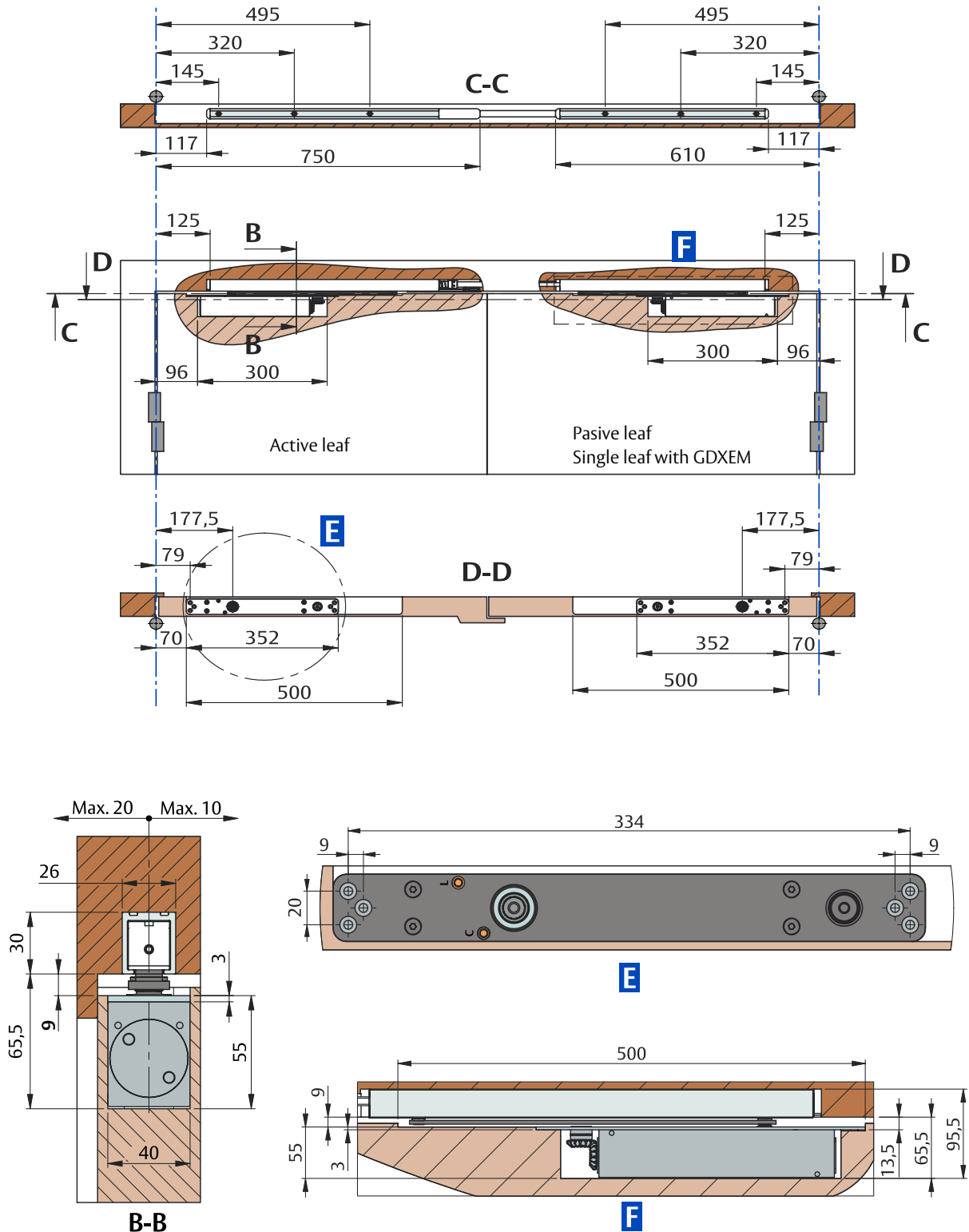
Model	Finish
GD2XEM2PL	Silver

Door machining drawings at page 35



Concealed doorclosers

Door and frame machining for GDXEM and GD2X

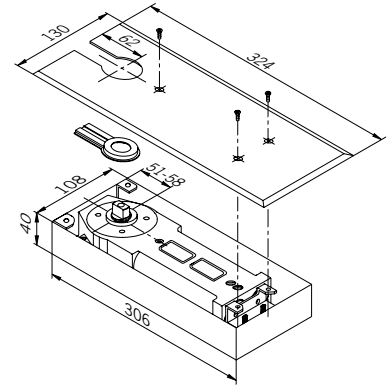
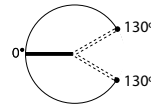


Floor springs

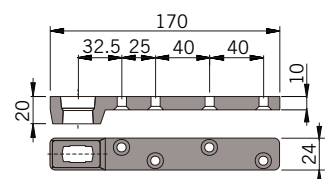
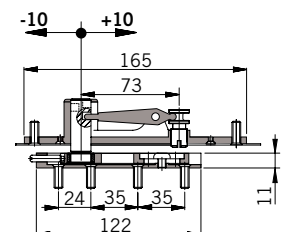
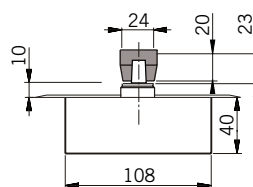
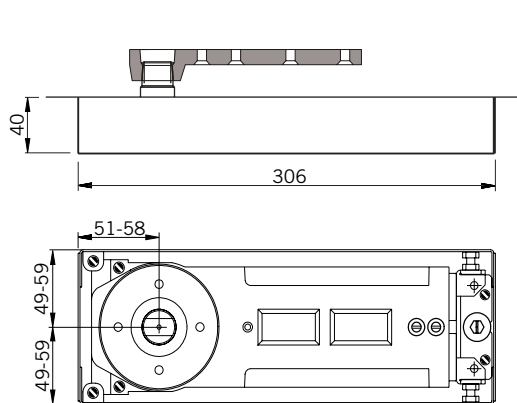
CTSU71. Complete kit for double action doors

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

- » Three 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 90° (-R0-).
- » The satin Stainless Steel cover plate is included. (IM finish)
- » Maximum door opening: 150°



Size	Model	Hold open	Finish
2	CTSU712SRIM	-	IM
2	CTSU712R0IM	90°	IM
3	CTSU713SRIM	-	IM
3	CTSU713R0IM	90°	IM
4	CTSU714SRIM	-	IM
4	CTSU714R0IM	90°	IM



Floor springs

CTSU100

The TESA CTSU100 is the most versatile model for door width up to 110 mm and weight up to 100 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 90° (R0) or 105° (R5). Both Hold Open models allows leaving the door open at any angle from 150° to 180° (free swing zone).
- » Non Hold Open model (SR) features a back stop at 150°.
- » Interchangeable spindle
- » Any spindle from the PIC 150° or PIR220 series can be chosen.
- » Closing speed is controlled from 150° of opening.

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

Size	Model	Hold open	Finish
2 - 4	CTSU100SRST	-	Without cover
2 - 4	CTSU100ROST	90°	Without cover
2 - 4	CTSU100R5ST	105°	Without cover

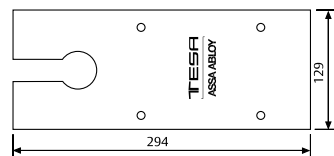
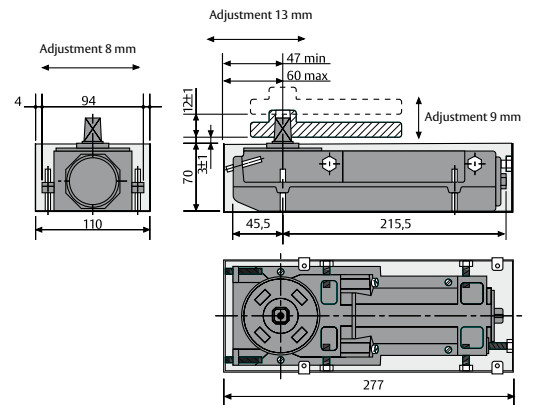
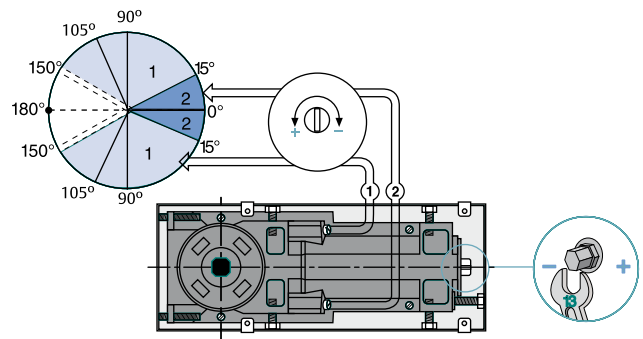
TACTSU100

Cover for the CTSU100.

Model	Finish
TACTSU100IM	Stainless steel
TACTSU100IB	Polished stainless steel
TACTSU100LP	Brass

EN 1154 CERTIFIED

Fire door



Floor springs

CTSU200

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

EN 1154 CERTIFIED
Fire door



» Classification EN1154: 1996 + A1: 2002

CTSU203SR: 3 8 2 0 1 4

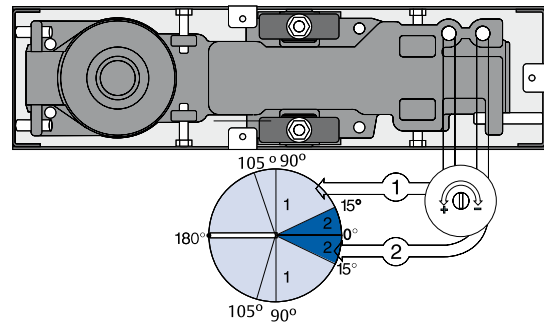
CTSU203SR: 3 8 3 1 1 4

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 90° (R0) or 105° (R5).
- » No spindle supplied. Any spindle from the PIC150 or PIR220 series can be chosen. Other spindles can also be chosen and ordered separately.
- » Closing speed is controlled from 175° of opening.
- » Finishes: IM, LP.

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

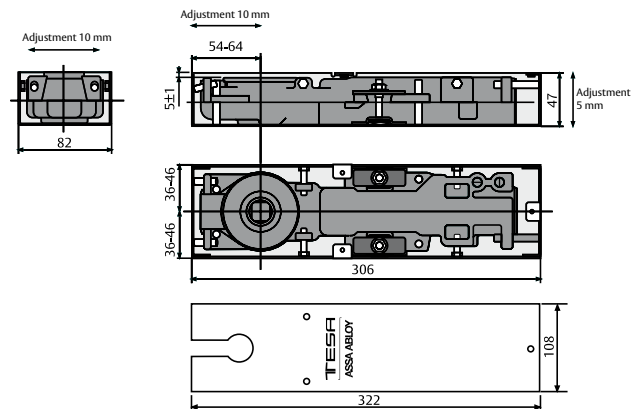
Size	Model	Hold open	Finish
2	CTSU202SRST	-	Without cover
3	CTSU203SRST	-	Without cover
4	CTSU204SRST	-	Without cover
2	CTSU202R0ST	90°	Without cover
3	CTSU203R0ST	90°	Without cover
4	CTSU204R0ST	90°	Without cover
2	CTSU202R5ST	105°	Without cover
3	CTSU203R5ST	105°	Without cover
4	CTSU204R5ST	105°	Without cover



TACTSU200

Cover for the CTSU200

Model	Finish
TACTSU200IM	Stainless steel
TACTSU200IB	Polished stainless steel
TACTSU200LP	Brass



Floor springs

CTSU300

EN 1158 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

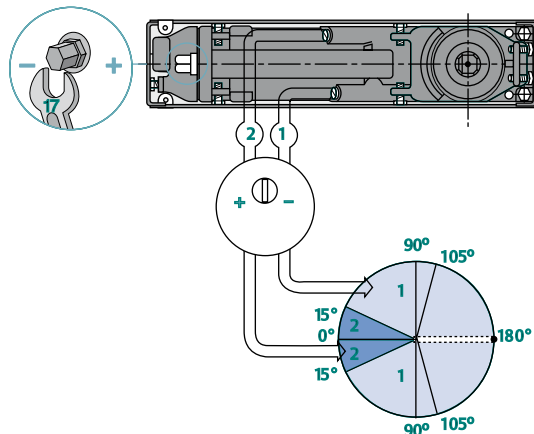
CTSU300SR: 3 8 3/6 1 1 4

- » 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 90° (R0) or 105° (R5).
- » Any spindle from the PIC 150 or PIR220 series can be chosen. » Closing speed is controlled from 175° of opening.



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

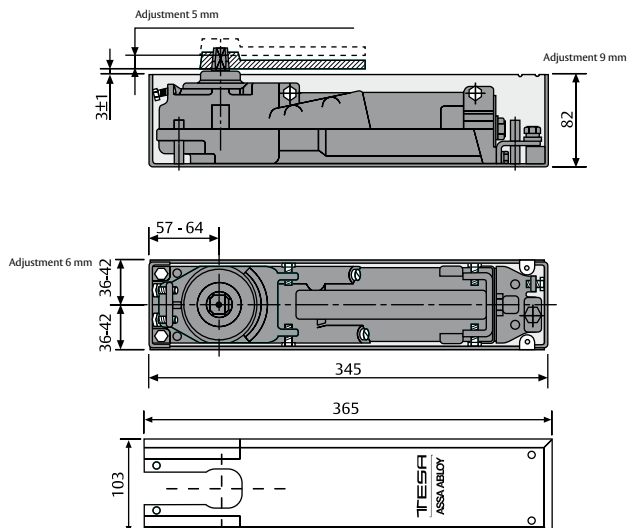
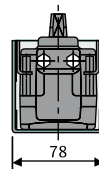
Size	Model	Hold open	Finish
3 - 6	CTSU300SRST	-	Without cover
3 - 6	CTSU300R0ST	90°	Without cover
3 - 6	CTSU300R5ST	105°	Without cover



TACTSU300

Cover for the CTSU300

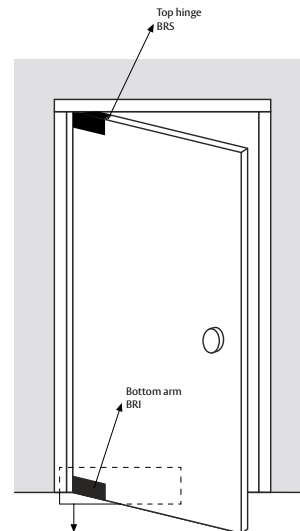
Model	Finish
TACTSU300IM	Stainless steel
TACTSU300IB	Polished stainless steel
TACTSU300LP	Brass



Hinges for metal and wooden doors

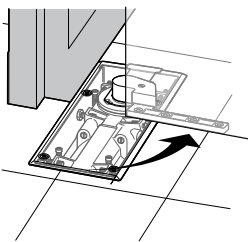
The installation of a door with CTSU floor springs is completed with:

- » Spindle: PIC150 is the standard spindle.
- » Bottom arm: The spindle coupling is square for PIC150 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.

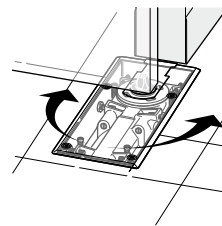
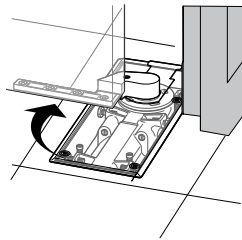


Doorcloser CTSU with standard spindle PIC150

Bottom arm types



Offset arms: for single action doors
Page 37-39.

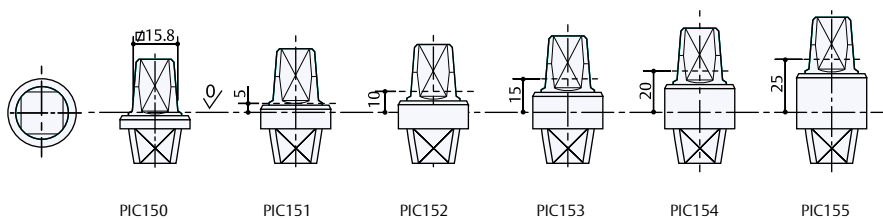


Double action doors
Page 36.

Spindle for CTSU floor spring

PIC150: Standard spindle for all the CTSU range.

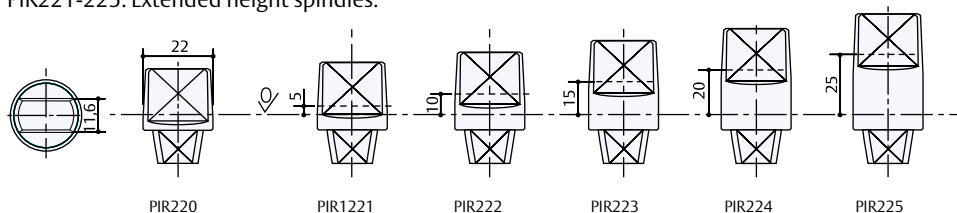
PIC151-155: Extended height spindles.



PIC150

PIR220: Optional German-type (rectangular shape) spindle for all the CTSU range.

PIR221-225: Extended height spindles.

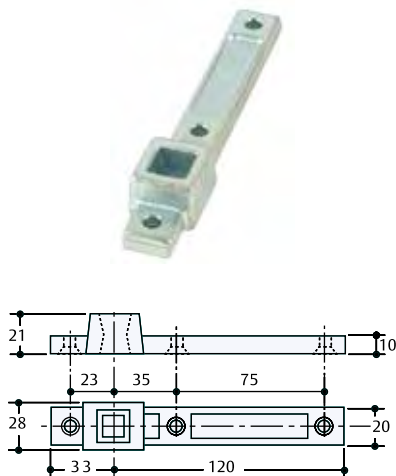


Hinges for metal and wooden doors

Double action doors

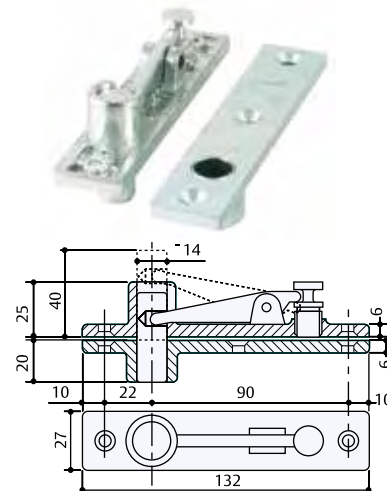
The BRI bottom arms are designed to match square spindles like PIC150, PIC151, etc.

BRI300VHZ



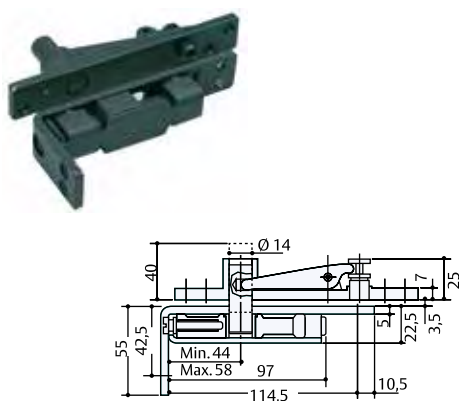
- » Solid steel with zinc plating for corrosion resistance.
- » Dependable and durable.
- » Max. door weight: 300 Kgs.

BRS300VHZ



- » Top hinge with adjustable pivot throw for easy door hanging.
- » Zinc plated for corrosion resistance.

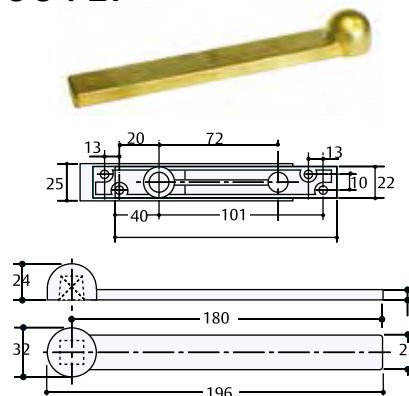
BRSA170VNE



- » Top hinge with pivot position Adjustment
- » Adjustable pivot throw for easy door mounting.
- » Adjustable pivot position from the hanging side edge of the door.
- » Black painted.

Model	Finish	Hand	Type	Door weight Kgs
BRI100VLT	LT	-	Bottom	100
BRS300VHZ	HZ	-	Top	300
BRSA170VNE	NE	-	Top	100
BRI300VHZ	HZ	-	Bottom	300
PICE150	-	-	Ground pivot	120

BRI100VLT



- » Solid brass bottom arm.
- » For light use, Max. door weight: 100 Kg.

PICE 150 ground pivot

Intended for use without a floor spring



Hinges for metal and wooden doors

Offset arms

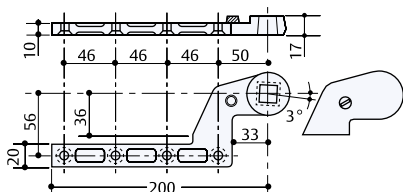
They allow full door opening (180°) for single action doors.

- » Made of high quality steel for door weight up to 300 Kg.
- » With countersunk holes for quick and easy fixing
- » Square spindle coupling for PIC150 spindles.
- » If other spindle coupling is desired, it has to be indicated when ordering.

BRI301



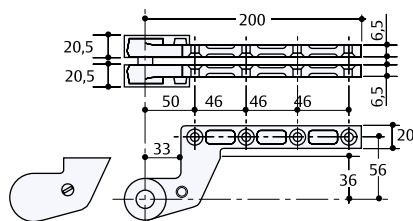
Bottom offset arm for right and left handed doors.
Reversible, non handed.



BRS301

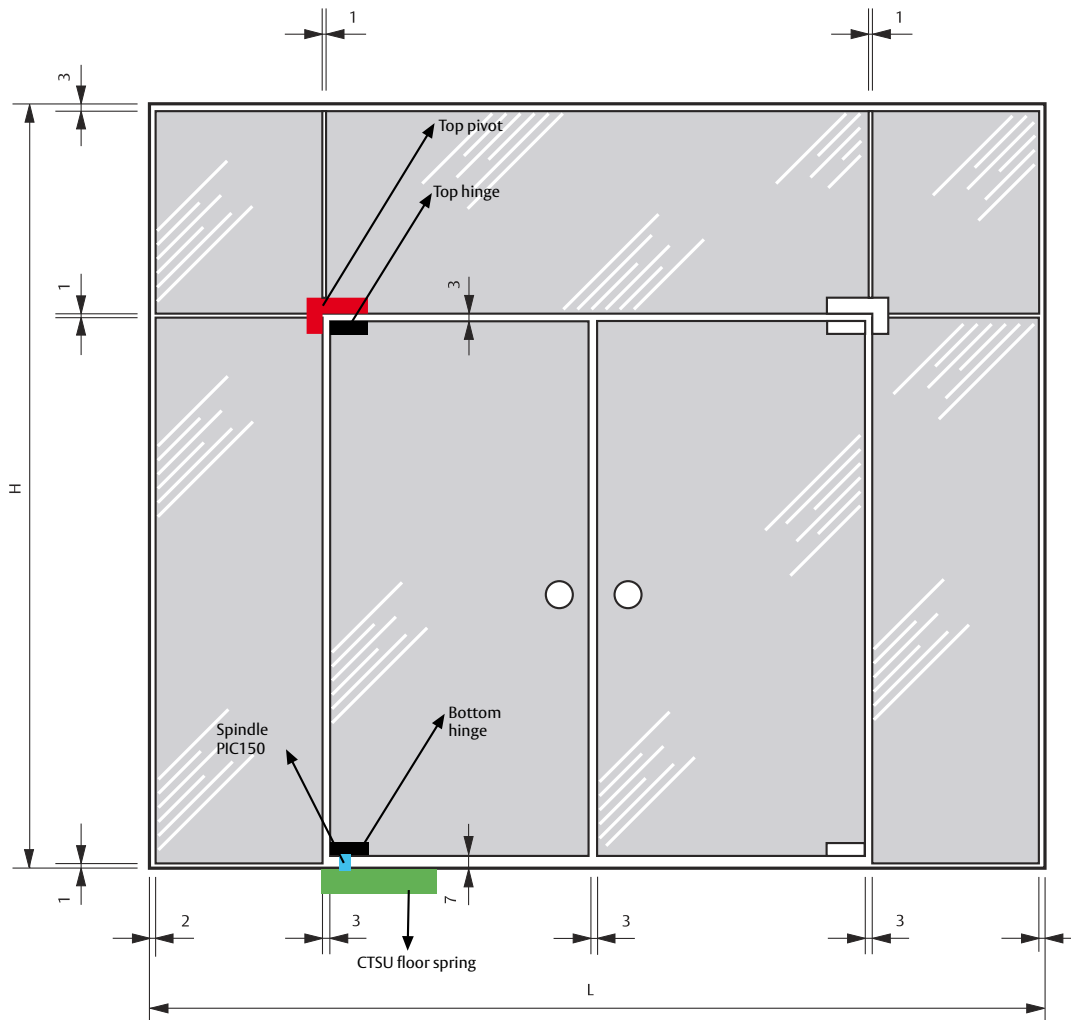


Top hinge to combine with the BRI301 arm
Reversible, non handed.



Model	Finish	Hand	Type	Door weight Kgs
BRI301	OR - PL	Reversible	Bottom	300
BRS301	OR - PL	Reversible	Top	300

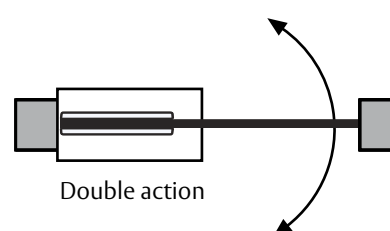
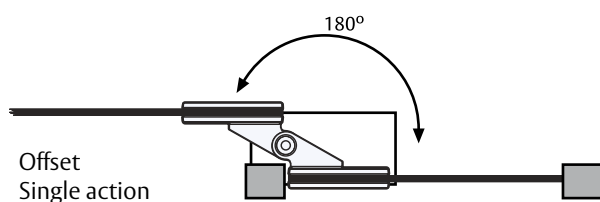
Patch fittings for Glass Doors



Elements required in order to complete installation of glass doors

- Bottom hinge with square spindle coupling for PIC150 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

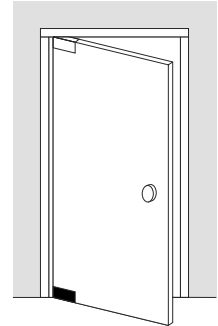
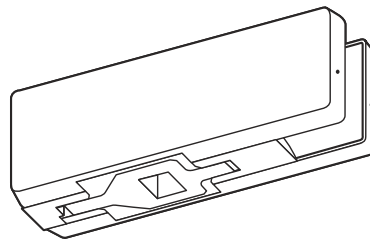


Hinges for glass doors

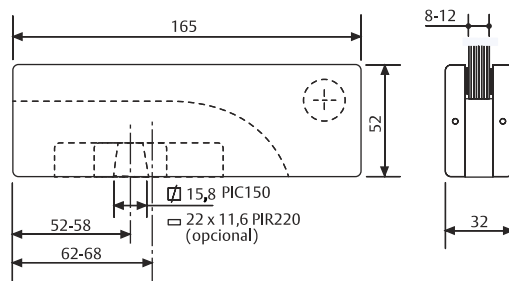
Hinges for glass doors - double action

BVI565V

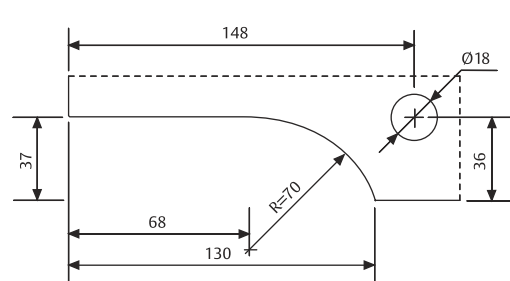
- » Bottom hinge with PIC150 spindle coupling.
- » Spindle position at 55 or 65 mm. Adjustment ± 3 mm.
- » Optional socket for PIR220 spindles.
- » Glass thickness: from 8 to 12 mm.
- » Maximum weight: 80 kg.
- » Finishes: IB, IM.



Dimensions



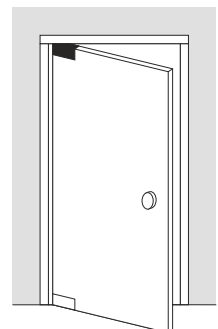
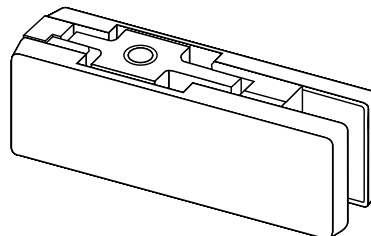
Glass machining



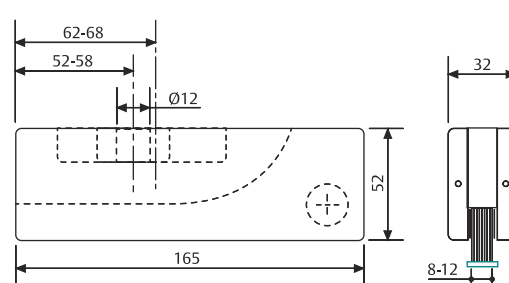
Model	Finish	Hand	Type	Door weight Kgs
BVI565 V	AN - AO	-	Bottom	80
BVI565 V	IM - IB	-	Bottom	80

BVS565V

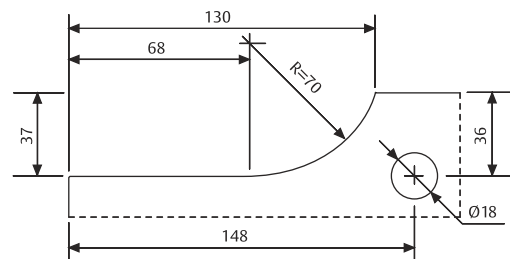
- » Top hinge for double action doors.
- » Pivot position at 55 or 65 mm, adjustment ± 3 mm.
- » Finishes: IB, IM.



Dimensions



Glass machining



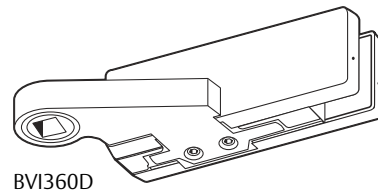
Model	Finish	Hand	Type	Door weight Kgs
BVS565 V	IM - IB	-	Top	80

Hinges for glass doors

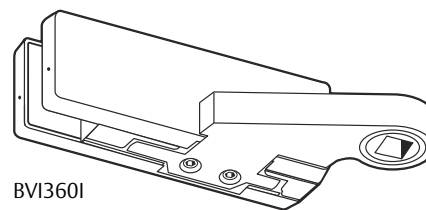
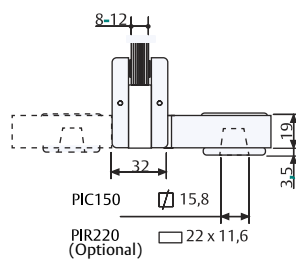
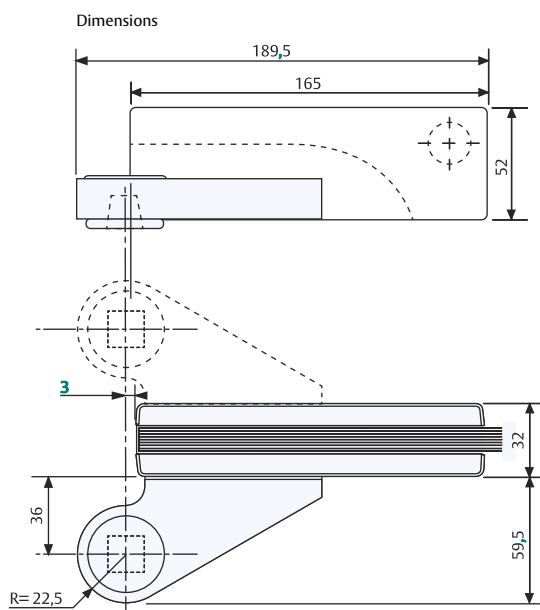
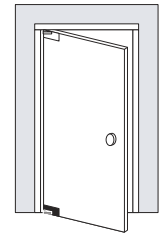
Offset hinges

BVI360D/I

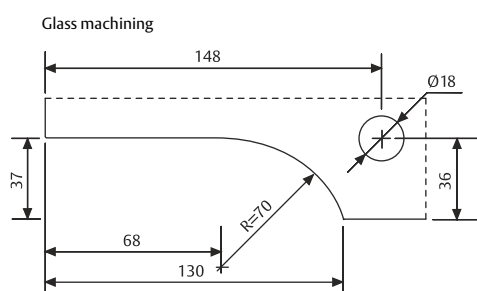
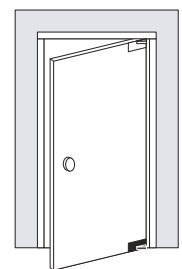
- » Bottom hinge with PIC150 spindle coupling.
- » Spindle offset at 36 mm.
- » 180° opening allowed for single action doors.
- » Glass thickness: from 8 to 12 mm.
- » Finishes: IB, IM.



BVI360D



BVI360I



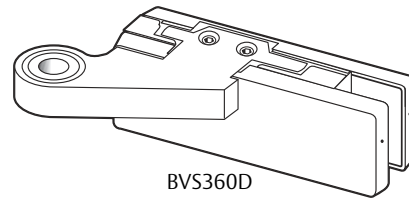
Model	Finish	Hand	Type	Door weight Kgs
BVI360 D	IM - IB	Right	Bottom	80
BVI360 I	IM - IB	Left	Bottom	80

Hinges for glass doors

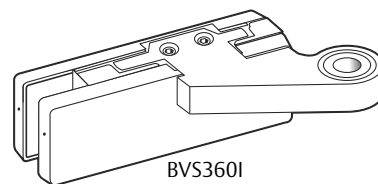
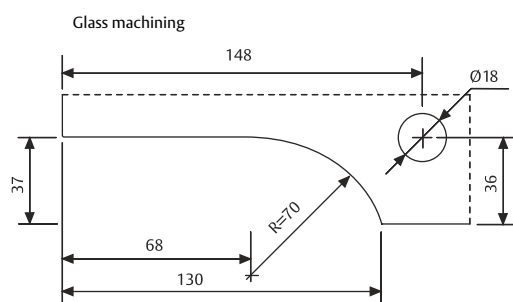
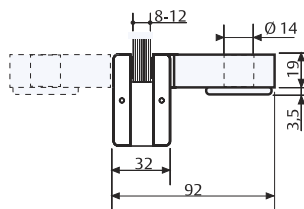
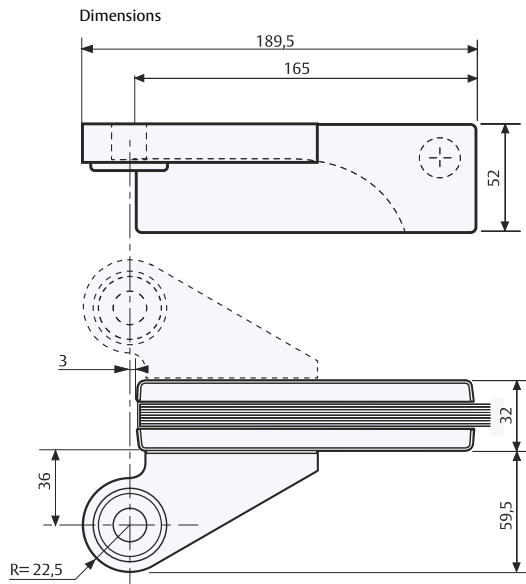
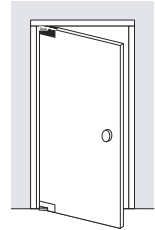
Offset hinges

BVS360D/I

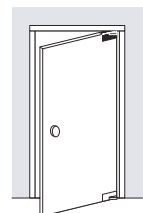
- » Top hinge with cilindric coupling.
- » Spindle offset at 36 mm.
- » 180° opening allowed for single action doors.
- » Glass thickness: from 8 to 12 mm.
- » Finishes: IB, IM.



BVS360D



BVS360I

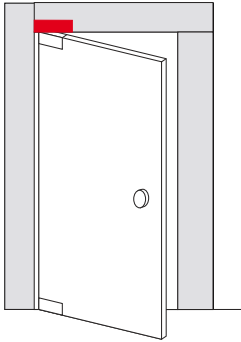


Model	Finish	Hand	Type	Door weight Kgs
BVS360 D	IM - IB	Right	Upper	80
BVS360 I	IM - IB	Left	Upper	80

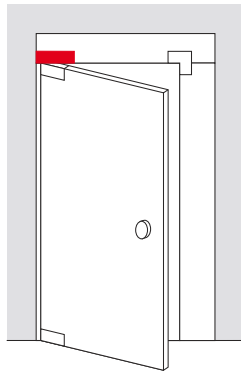
Hinges for glass doors

Top pivot types

» There are 7 top tyes in order to fit any frame configuration.

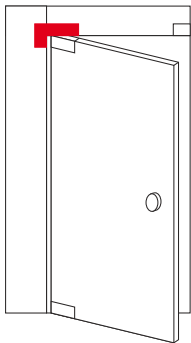


TYPE PV1

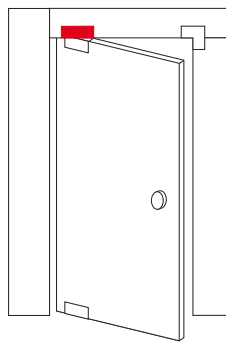


TYPE PV2

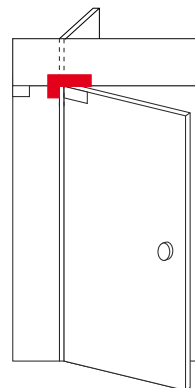
Pivotes	Top frame	Side frame	Notes
Type 1	wooden/metal	-	
Type 2	glass	wooden/metal	
Type 3	glass	glass	
Type 4	glass	-	Pivot at 100 mm. min.
Type 5	glass	glass	Perpendicular glass reinforcement
Type 6	glass	-	Double leaf
Type 7	glass	-	Double leaf+reinforcement.



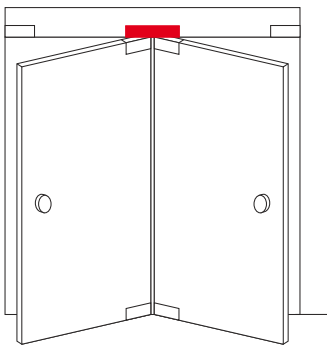
TYPE PV3



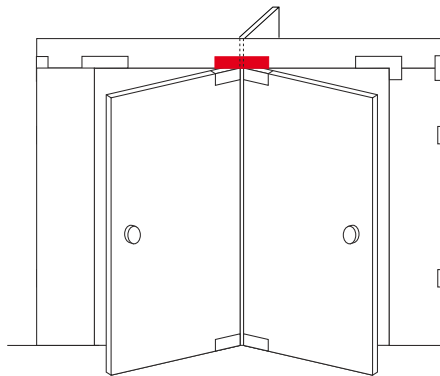
TYPE PV4



TYPE PV5



TYPE PV6



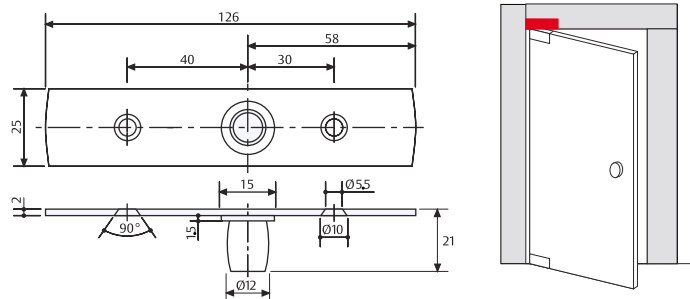
TYPE PV7

Top pivots for glass doors

Double action

PV1565V

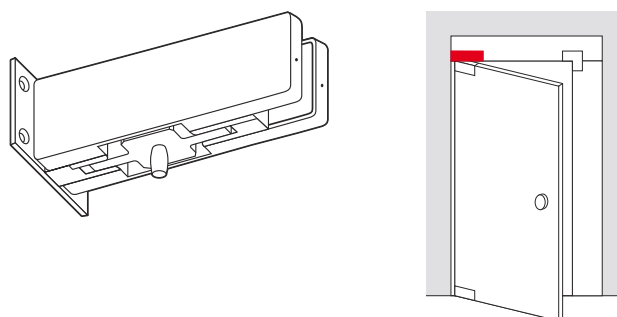
- » Type 1 top pivot.
- » Designed for BVS565V and BVS100V top hinges.
- » Finish: CB.



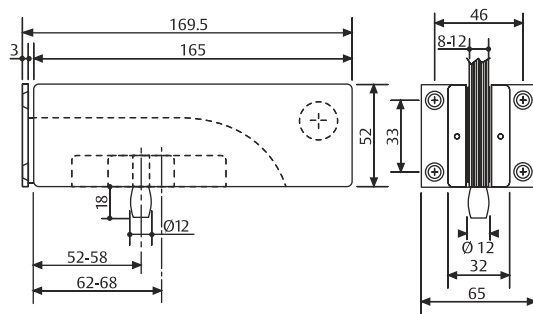
Model	Finish
PV1565V	CB

PV2565V

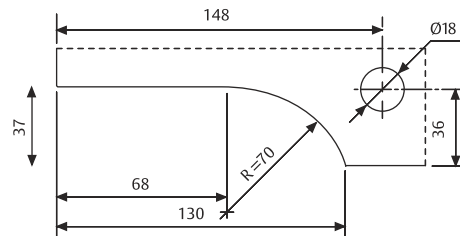
- » Type 2 top pivot with spindle position at 55mm.
- » Pivot position at 55/65 mm. Adjustment +/- 3 mm.
- » Designed for BVS565V top hinge.
- » Finishes: IB, IM.



Dimensions



Glass machining



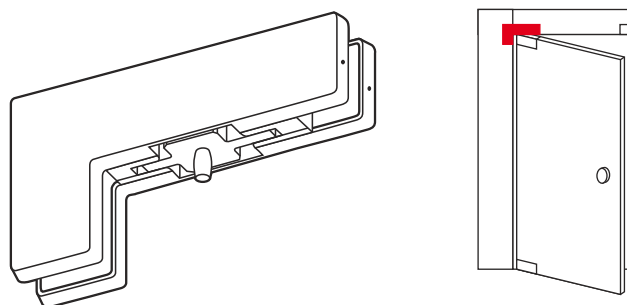
Model	Finish	Hand
PV2565V	IM - IB	-

Top pivots for glass doors

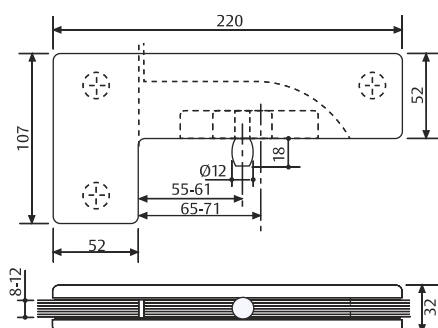
Double action

PV3565V

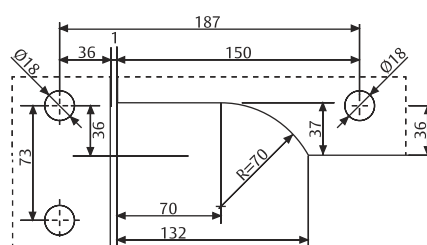
- » Type 3 top pivot.
- » Pivot position at 55/65 mm. Adjustment +/- 3 mm.
- » Finishes: IB, IM.



Dimensions



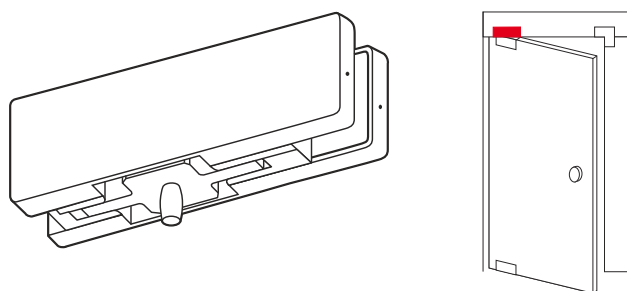
Glass machining



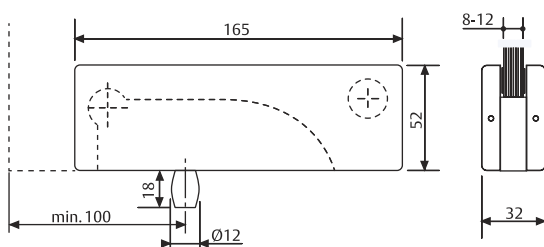
Model	Finish	Hand
PV3565V	IM - IB	-

PV4100V

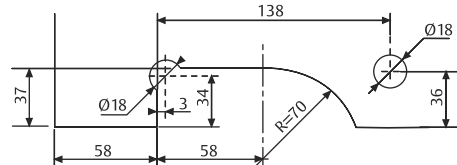
- » Type 4 top pivot.
- » Pivot distance from door from 100 mm. minimum.
- » Designed for BV100V top hinge.
- » Finishes: IB, IM.



Dimensions



Glass machining

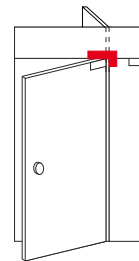
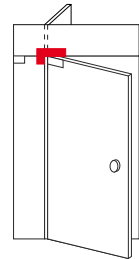


Model	Finish	Hand
PV4565V	IM - IB	-

PV5565V

-

Technical drawing of a mechanical part with dimensions and a detail view. The main drawing shows a part with overall dimensions 220 (width) and 107 (height). Key features include a central hole with diameter $\varnothing 12$, a slot with width 18, and a threaded section with a diameter of 55-61 and a length of 65-71. The part has a base width of 52 and a height of 52. A detail view shows a section with a width of 42 and a height of 35, with a fillet radius R18.

[illegible]

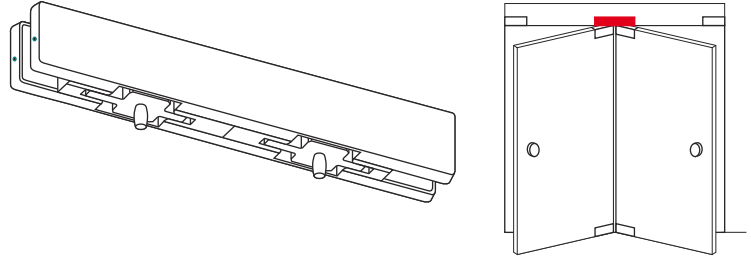
Model	Finish	Hand
PV5565VD	IM - IB	Right
PV5565VI	IM - IB	Left

Top pivots for glass doors

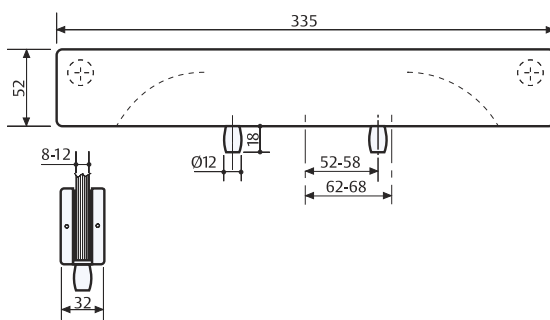
Double action

PV6565V

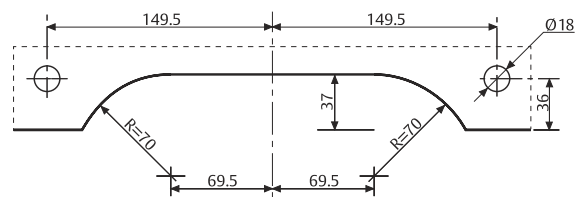
- » Type 6 top pivot with spindle position at 55 - 65 mm.
- » Designed for BVS565V top hinge.
- » Spindle position adjustment ± 3 mm.
- » Finishes: IB, IM.



Dimensions



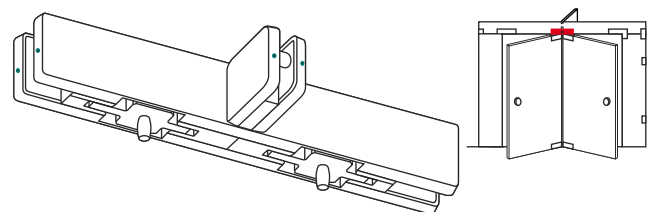
Glass machining



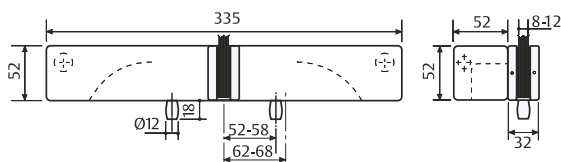
Model	Finish	Hand
PV6565V	IM - IB	-

PV7565V

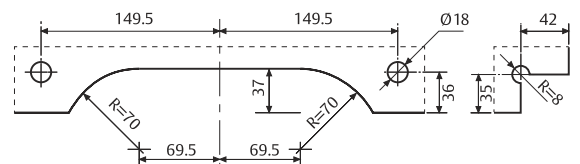
- » Type 7 top pivot with spindle position at 55 - 65 mm.
- » Designed for BVS565V top hinge.
- » Spindle position adjustment ± 3 mm.
- » Finishes: IB, IM.



Dimensions



Glass machining



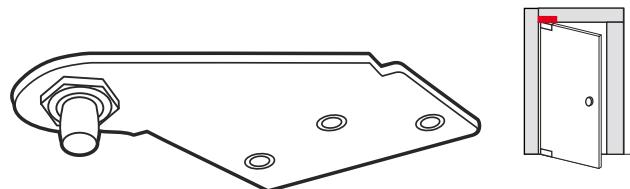
Model	Finish	Hand
PV7565V	IM - IB	-

Top pivots for glass doors

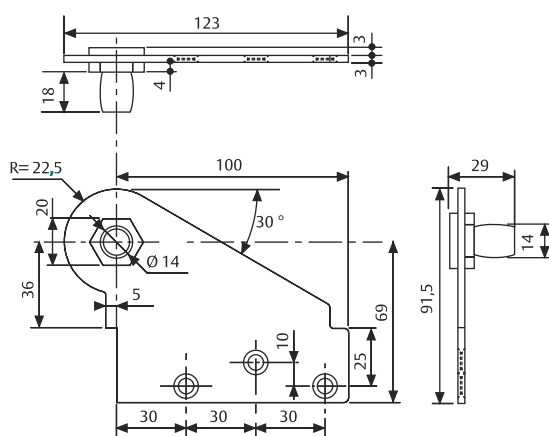
Offset hinges

PV1360

- » Type 1 top pivot with offset of 36 mm.
- » Reversible, for right and left handed doors.
- » Handing is changed by unscrewing the pivot fixing nut.
- » Designed for BVS360 D-I top hinge.
- » Finishes: IB, IM.



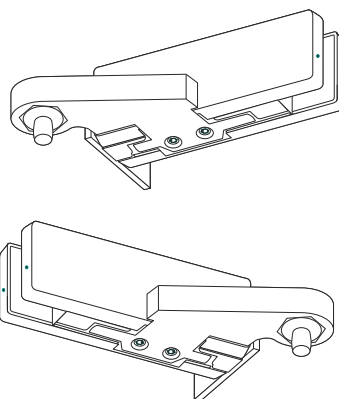
Dimensions



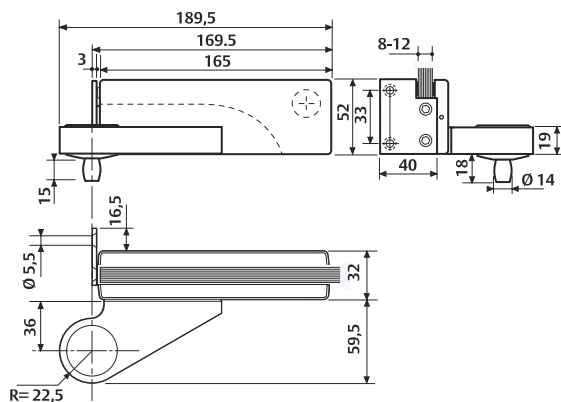
Model	Finish	Hand
PV1360	IM - IB	Reversible

PV2360D/I

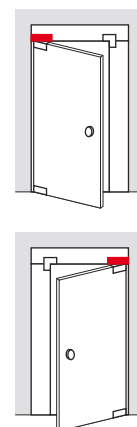
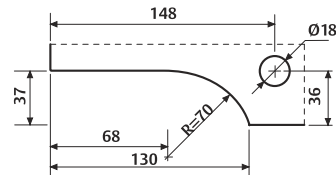
- » Type 2 top pivot with offset of 36 mm.
- » Designed for BVS360 D-I top hinge.
- » Finishes: IB, IM.



Dimensions



Glass machining



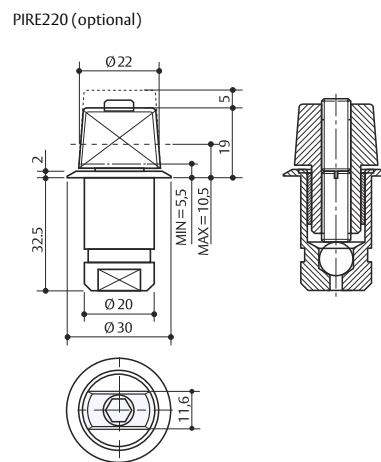
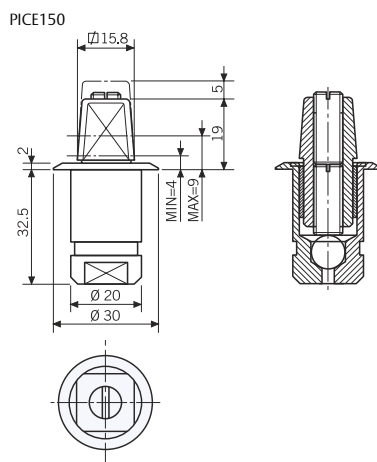
Model	Finish	Hand
PV2360D	IM - IB	Right
PV2360I	IM - IB	Left

Accessories for glass doors

PICE150 / PIRE220

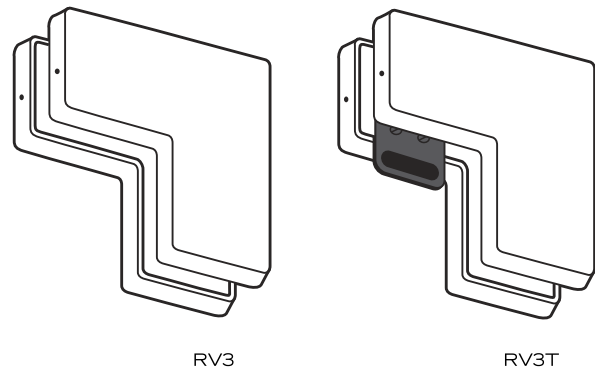
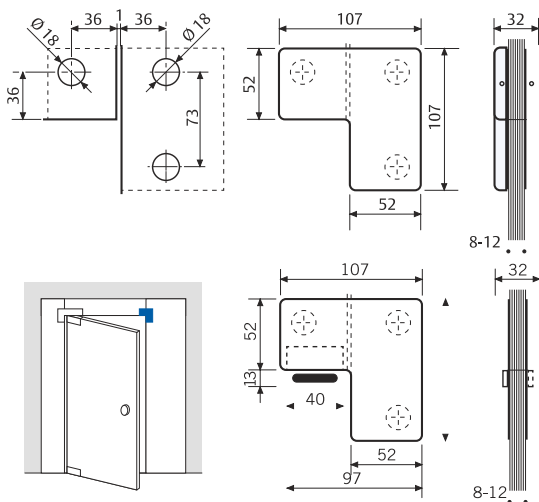
- » Floor pivot for door swing without using a floor spring.
- » PICE150 is compatible with all the bottom arms for wooden/ metal doors and bottom hinges for glass doors.
- » Maximum weight: 120 kg.

Model	Description
PICE150	Floor pivot



RV3 / RV3T

- » Glass corner link.
- » Designed for BV5360 D-I top hinge.
- » Finishes: IB, IM.



Model	Finish	Description
RV3	IM - IB	Glass corner link
RV3T	IM - IB	Glass corner link door stop

Door closing selector for double doors

SELTELCIER

EN 1158 CERTIFIED
Fire door



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

