

# *astra*®

DOOR CONTROLS

*The highest possible standards. The best possible solutions.*

Product Guide



Manufactured in the UK



# 1000 Series

Manufactured in the UK, the 1000 Series concealed hydraulic door control is a single speed mechanical door closing device incorporating a hydraulic system with adjustable latching action.

## Certification

- ✓ EN1634 approved
- ✓ For use on FD30 fire doors
- ✓ For use on FD60 fire doors

## Technical Details

- ✓ Integrated door control
- ✓ Jamb-mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Performance

- ✓ Low powered door control
- ✓ Closing force 4° from latch 6Nm
- ✓ Opening force 4° from latch 9Nm
- ✓ Single speed single damping from 90°
- ✓ Maximum opening angle 105°

## Functions

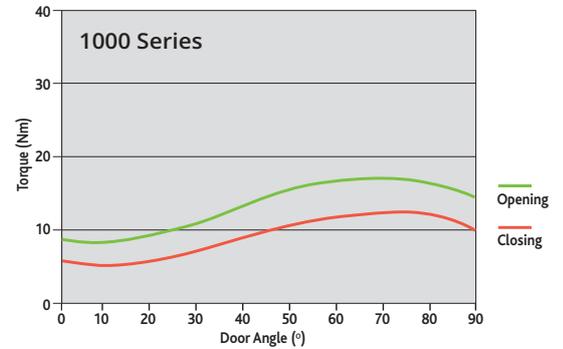
- ✓ Fixed closing speed
- ✓ Adjustable latching action
- ✓ Maintenance-free

## Test Evidence

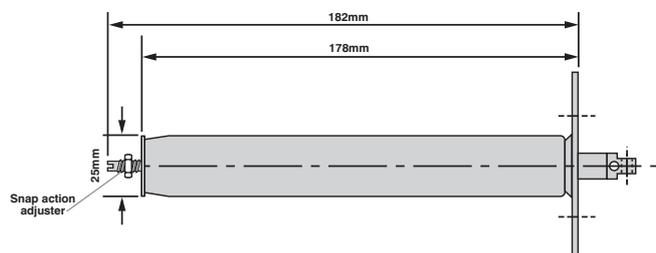
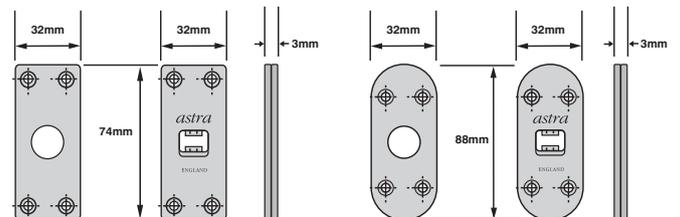
- ✓ Continuous testing 100,000 cycles
- ✓ Fire test conducted in accordance with BS EN1634-1:2000 Test report CHILT/RF06118

## Installation

- ✓ Easy to fit with the 9001- approved installation kit.
- ✓ Complete instructions supplied with products and kits.
- ✓ Installation videos at [www.astradoorcontrols.com](http://www.astradoorcontrols.com)



Available in 3 different finishes with the choice of radius or square fore ends.



# 2000 Series

The 2000 Series concealed hydraulic door control offers a consistent closing action with the minimum of resistance on the opening operation. The 2000 Series has two door controls of differing power sizes, with a fixed closing speed and adjustable latching action, both manufactured in the UK

## Certification

- ✓ EN1634 approved
- ✓ For use on FD30 fire doors
- ✓ For use on FD60 fire doors

## Technical Details

- ✓ Integrated door control
- ✓ Jamb-mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## 2001 Performance

- ✓ EN power size 1
- ✓ Closing force 4° from latch 9Nm
- ✓ Opening force 4° from latch 11Nm
- ✓ Single speed single damping from 90°
- ✓ Maximum opening angle 105°

## 2002 Performance

- ✓ EN power size 2
- ✓ Closing force 4° from latch 13Nm
- ✓ Opening force 4° from latch 16Nm
- ✓ Single speed single damping from 90°
- ✓ Maximum opening angle 105°

## Functions

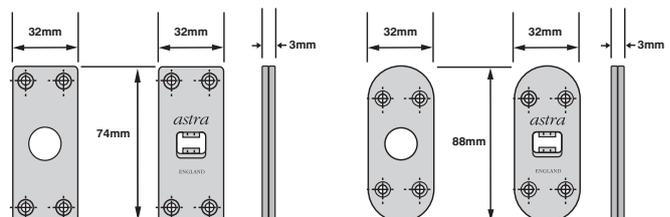
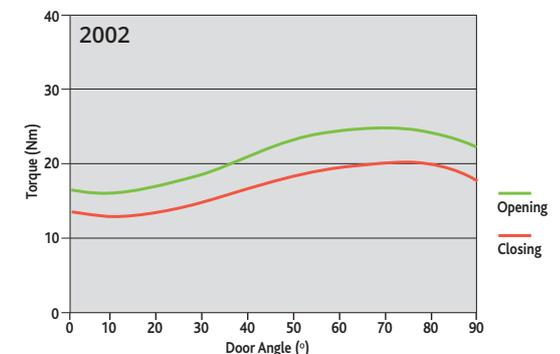
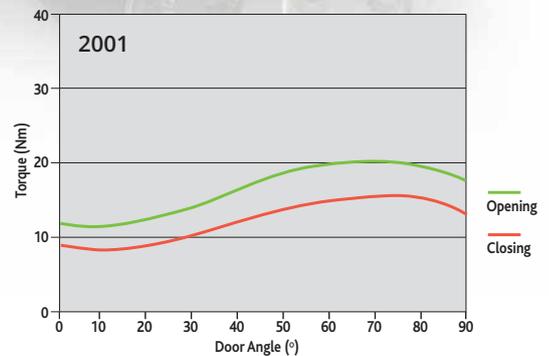
- ✓ Fixed closing speed
- ✓ Adjustable latching action
- ✓ Maintenance-free

## Test Evidence

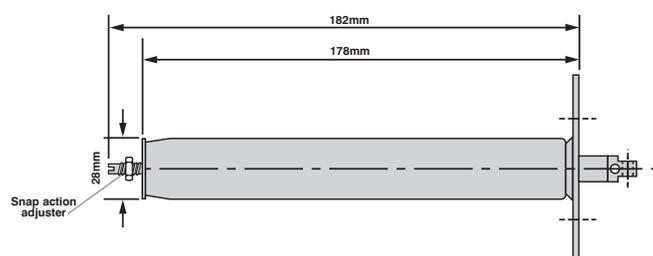
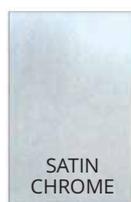
- ✓ Continuous testing 100,000 cycles
- ✓ Fire test conducted in accordance with BS EN1634-1:2000 Test report CHILT/RF06118

## Installation

- ✓ Easy to fit with the 9002 - approved installation kit.
- ✓ Complete instructions supplied with products and kits.
- ✓ Installation videos at [www.astradoorcontrols.com](http://www.astradoorcontrols.com)



Available in 3 different finishes with the choice of radius or square fore ends.



# 3000 Series

The UK-made flagship Astra 3000 Series concealed hydraulic door control offers four door closers of differing power sizes with adjustable closing speed and latching action.

This series of fully controlled door closers has been developed to offer the adjustability and control of an overhead face-fixed closer with the aesthetic appeal of a concealed device. The range of door controls meet British standards and UK Building regulations and the 3003 is tested to EN1154 and CE marked in accordance with the Construction Products Regulation. Designed to suit timber doors or GRP doorsets.

## Installation

The AST9003 installation kits will help the installer in to mortice the door blade. These kits consist of the appropriate guide and auger drill bit.

## Certifire

The Astra 3000 series jamb mounted door closers are included in the CERTIFIRE certificate, numbers CF195, CF198, CF240, CF240A, CF241, CF302, CF380, CF625.

Certifire is a recognised 3rd party test accreditation requirement for many residential developments. 3001, 3002, 3003 and 3004 meet the requirements as listed in the scope of the certificates.

## PAS 24

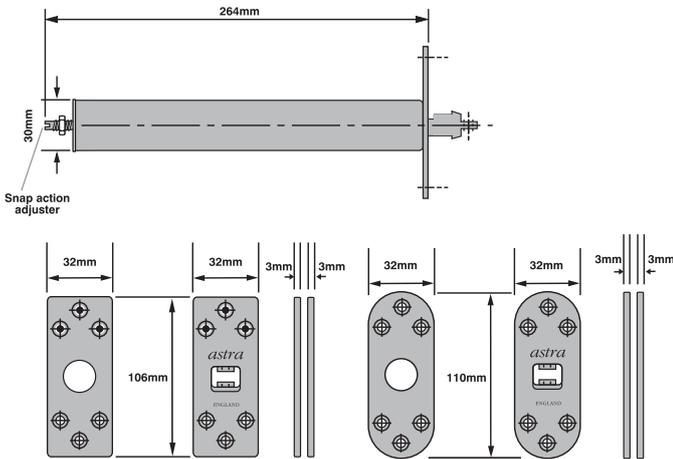
It is a requirement of Secured By Design that products meet PAS24 standards to ensure security levels are maintained.

Astra 3001, 3002, 3003 and 3004 have been included in test in both Halspan and Strebord core 44mm and 54mm doors as listed in the scope of certificate number 050/002.

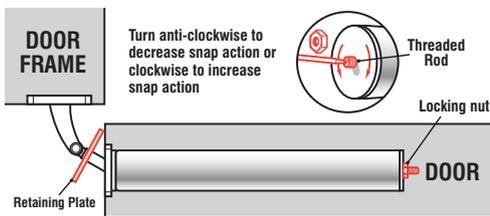
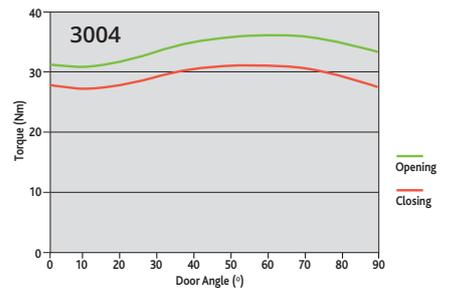
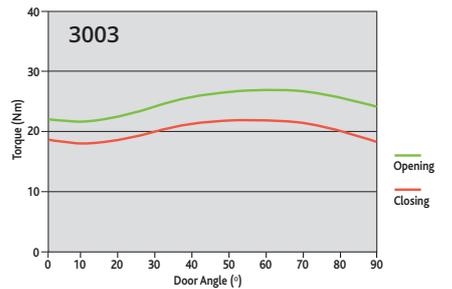
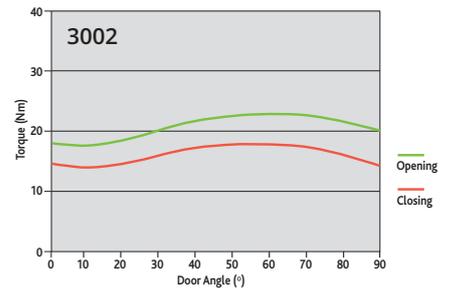
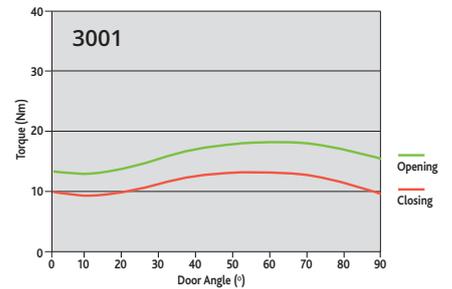
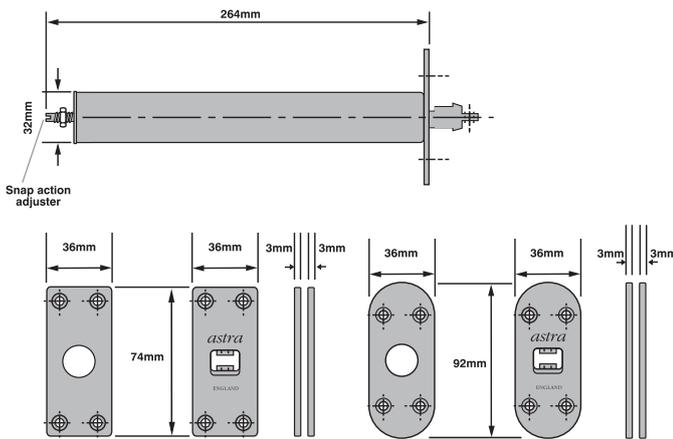


# “Always striving to improve opening forces”

## 3001, 3002, 3003 Dimensions



## 3004 Dimensions



### Adjusting the snap action

Prior to installation, the closer latching is factory-set to give 5° of snap action. Remove the small locking nut on the threaded rod at the end of the body. Using a small flat screwdriver turn the threaded rod anti-clockwise to decrease or clockwise to increase the snap action. After adjustment always replace the locking nut prior to installing the closer in the door.

### Adjusting the door closing speed

Once installed, the closing speed may be adjusted. A closing speed adjustment pin is located inside the body of the closer, above or below the fixing link. The closing speed can be altered by opening the door to 90° and turning the adjuster pin with a small flat screwdriver clockwise to decrease speed or anticlockwise to increase speed. When adjusting the closing speed, please be aware that very slow settings may effect the performance of the closer. It is recommended not to set a closing speed of less than 6 seconds.

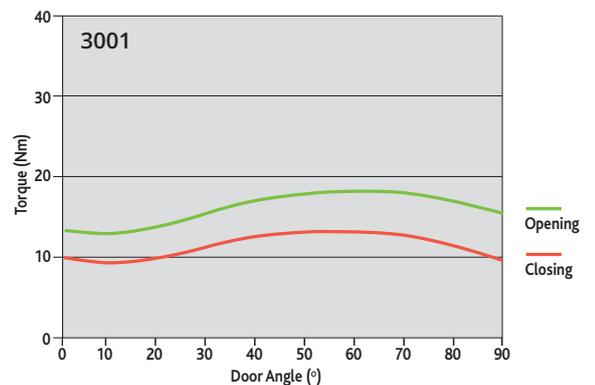
# 3001 EN Power 1

## Astra 3001 Concealed Closer

- ✓ BS EN1634 approved
- ✓ For use on FD30 fire doors
- ✓ For use on FD60 fire doors
- ✓ Certifire – Sound Secure Doors
- ✓ PAS 24 - Sound Secure Doors
- ✓ Suitable for use in Buildings Regulations ADM applications where a lower power closer is required

## Applications

- ✓ Reduced ligature settings
- ✓ Hotel bedrooms
- ✓ Internal office doors
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation



# Technical details

## Product

- ✓ Integrated door control
- ✓ Jamb-mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Performance

- ✓ Fixed power EN1
- ✓ Closing force 4° from latch 10Nm
- ✓ Opening force 4° from latch 13Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°

## Functions

- ✓ Adjustable closing speed while installed
- ✓ Adjustable latching action
- ✓ Maintenance-free

## Test Evidence

- ✓ Continuous testing 500,000 cycles
- ✓ Included in Enhanced Security Door-set to PAS24 Sound Secure Range Halspan and Strebord 44mm and 54mm fire doors
- ✓ Fire test conducted in accordance with BS EN1634-1:2000  
Test report CHILT/RF06118

## Accreditations

- ✓ CERTIFIRE approved Supplement to Certificate numbers CF195, CF198, CF240, CF240A, CF241, CF302, CF380 and CF625  
Supplement number 357429
- ✓ PAS24 (Secured By Design) Certificate 050/002

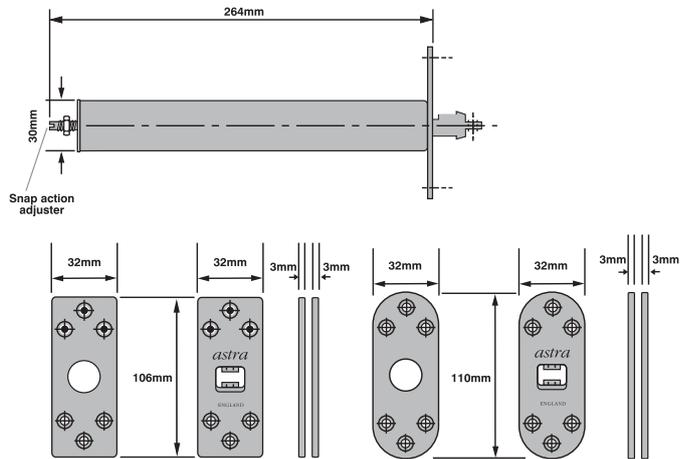
Manufacturer's Declaration of Performance

[www.astradoorcontrols.com](http://www.astradoorcontrols.com)

Available in seven different finishes as standard with the choice of radius or square fore ends. Alternative bespoke finishes available on request.



## 3001 Dimensions



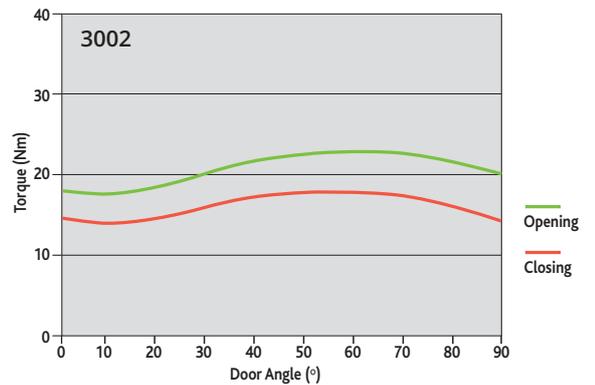
# 3002 EN Power 2

## Astra 3002 Concealed Closer

- ✓ BS EN1634 approved
- ✓ For use on FD30 fire doors
- ✓ For use on FD60 fire doors
- ✓ Certifire – Sound Secure Doors
- ✓ PAS 24 - Sound Secure Doors
- ✓ Suitable for use in Buildings Regulations ADM applications where a lower power closer is required

## Applications

- ✓ Reduced ligature settings
- ✓ Hotel bedrooms
- ✓ Internal office doors,
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation



# Technical details

## Product

- ✓ Integrated door control
- ✓ Jamb-mounted frame plate hinge side
- ✓ Suitable for use on right and left swing doors
- ✓ Completely concealed when door is closed

## Performance

- ✓ Fixed power EN2
- ✓ Closing force 4° from latch 15Nm
- ✓ Opening force 4° from latch 19Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°

## Functions

- ✓ Adjustable closing speed whilst installed
- ✓ Adjustable latching action
- ✓ Maintenance free

## Test Evidence

- ✓ Continuous testing 500,000 cycles
- ✓ Included in Enhanced Security Door-set to PAS24 Sound Secure Range Halspan and Strebord 44mm and 54mm fire doors
- ✓ Fire test conducted in accordance with BS EN1634-1:2000  
Test report CHILT/RF06118

## Accreditations

- ✓ CERTIFIRE approved Supplement to Certificate numbers CF195, CF198, CF240, CF240A, CF241, CF302, CF380 and CF625  
Supplement number 357429
- ✓ PAS24 (Secured By Design) Certificate 050/002

Manufacturer's Declaration of Performance  
[www.astradoorcontrols.com](http://www.astradoorcontrols.com)

Available in seven different finishes as standard with the choice of radius or square fore ends. Alternative bespoke finishes available on request.



BRASS

ANTIQU  
BRASS

BRONZE

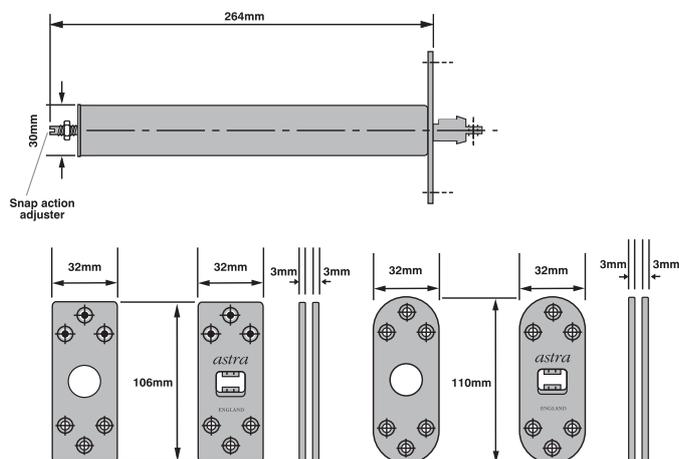
DARK  
BRONZE

COPPER

POLISHED  
CHROME

SATIN  
CHROME

## 3002 Dimensions



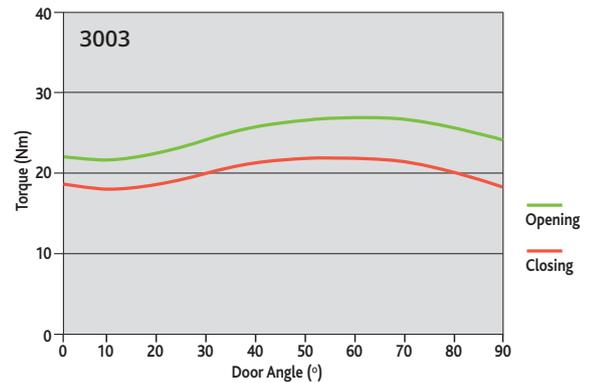
# 3003 EN Power 3

## Astra 3003 Concealed Closer

- ✓ BS EN1634 approved
- ✓ For use on FD30 fire doors
- ✓ For use on FD60 fire doors
- ✓ Certifire – Sound Secure Doors
- ✓ PAS 24 - Sound Secure Doors
- ✓ Continuous THIRD party monitoring
- ✓ CE marked
- ✓ EN1154 approved

## Applications

- ✓ Reduced ligature settings
- ✓ Hotel bedrooms
- ✓ Internal office doors
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation



CE	Astra Door Controls Ltd Preston PR2 5AP England	17					
	1720-CPR-0163	EN 1154:1997+A1:2002	3	8	3	1	1

# Technical details

## Product

- ✓ Integrated door control
- ✓ Jamb-mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Performance

- ✓ Fixed power EN3
- ✓ Closing force 4° from latch 19Nm
- ✓ Opening force 4° from latch 22Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°

## Functions

- ✓ Adjustable closing speed whilst installed
- ✓ Adjustable latching action
- ✓ Maintenance free

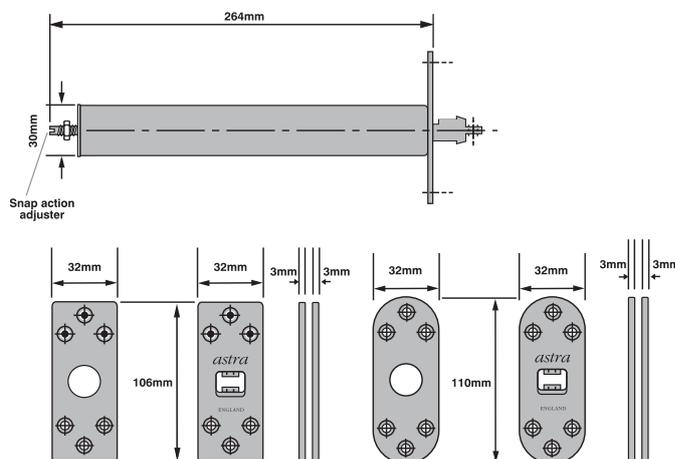
## Test Evidence

- ✓ Continuous testing 500,000 cycles
- ✓ Included in Enhanced Security Door-set to PAS24 Sound Secure Range Halspan and Strebord 44mm and 54mm fire doors
- ✓ Fire test conducted in accordance with BS EN1634-1:2000 Test report CHILT/RF06118
- ✓ Tested to European Harmonised standards BS EN1154

## Accreditations

- ✓ CE marked in accordance with the Construction Products Regulation (CPR)
- ✓ CERTIFIRE approved Supplement to Certificate numbers CF195, CF198, CF240, CF240A, CF241, CF302, CF380 and CF625 Supplement number 357429
- ✓ PAS24 (Secured By Design) Certificate 050/002

## 3003 Dimensions



Manufacturers' Declaration of Performance [www.astradoorcontrols.com](http://www.astradoorcontrols.com)

Available in seven different finishes as standard with the choice of radius or square fore ends. Alternative bespoke finishes available on request.



BRASS

ANTIQU  
BRASS

BRONZE

DARK  
BRONZE

COPPER

POLISHED  
CHROME

SATIN  
CHROME

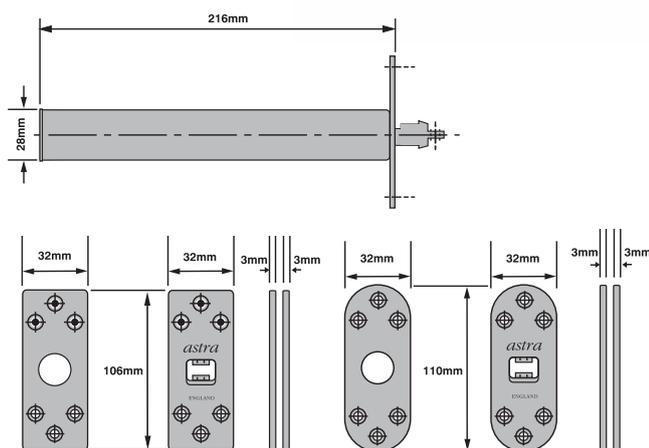
# 4000 Series

Following market research and feedback gathered from a combination of architects, interior designers, architectural ironmongers, doorset manufacturers and joiners it became apparent that there was a demand in the market for a jamb mounted concealed closer that was efficient, fully concealed but also easier to install compared to the current products available. Our Research and Development Department were tasked to produce a concealed jamb mounted door control that was fully concealed when the door is closed, seamless to fit in to the doorset at the factory stage through CNC machines, easy to install on site, and fully adjustable once the closer is installed.

The UK-manufactured 4000 Series includes three different power size door closers each with easily adjustable speed: the 4001, 4002 and 4003. It is manufactured with a single spring and hydraulic unit, that offers a higher efficiency rate than a typical overhead closer so it does not require any adjustable latching. The 4000 Series does not need to be removed to adjust the closing speed, this can be done with a flat headed screwdriver with the door closer installed.



## 4000 Series Dimensions



An ultra-compact high efficiency design makes the Astra 4000 Series the perfect choice for both new-build and refurbishment projects.

They are ideally suited to a wide variety of applications including hotel bedrooms, office doors, residential dwellings, student accommodation and any setting with a reduced ligature requirement.

The Astra 4000 Series door closers are tested and certified to all British and international performance standards and programmes, including FD30 & FD60 fire tests conducted in accordance with BS EN1634-1:2000 (test report CHILT/RF06118). It will allow specifiers to meet PAS 24 standards for residential entrance doors since it is Secured by Design (SBD) accredited. Astra 4000 Series door closers have also been successfully included in tests in both Halspan and Streboard core 44mm and 54mm doors and has successfully completed in house-testing to over 500,000 cycles.

# Features

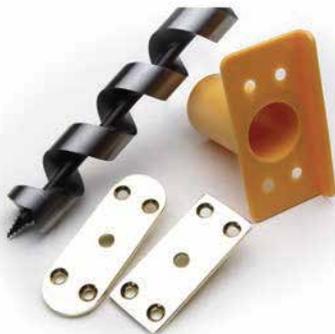
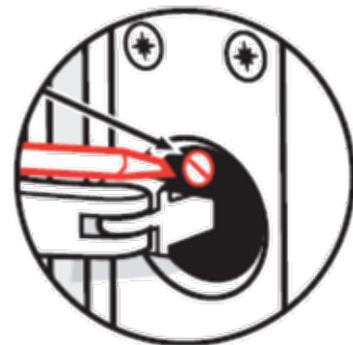


## Certification and Testing

- ✓ Tested on 30 minute Fire Doors
- ✓ Tested on 60 minute Fire Doors
- ✓ Tested to BS476
- ✓ Tested to EN1634
- ✓ Tested to EN1154
- ✓ CE Marked
- ✓ Required to comply with Building Regulations

## Adjusting the door closing speed

Once installed, the closing speed may be adjusted. A closing speed adjustment pin is located inside the body of the closer, above or below the fixing link. The closing speed can be altered by opening the door to 90° and turning the adjuster pin with a small flat screwdriver clockwise to decrease speed or anticlockwise to increase speed. It is recommended not to set a closing speed of less than 6 seconds.



## Installation

Easy to fit with the appropriate, approved 9001 installation kit. Complete instructions supplied with products and kits. Installation videos at [www.astradoorcontrols.com](http://www.astradoorcontrols.com)

Available in seven different finishes as standard with the choice of radius or square fore ends. Alternative bespoke finishes available on request.



# 4001 Technical Details

## Performance

- ✓ Fixed power EN1
- ✓ Closing force 4° from latch 9Nm
- ✓ Opening force 4° from latch 12Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°
- ✓ Suitable for doors up to 800mm wide

## Product

- ✓ Integrated door control
- ✓ Jamb mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Applications

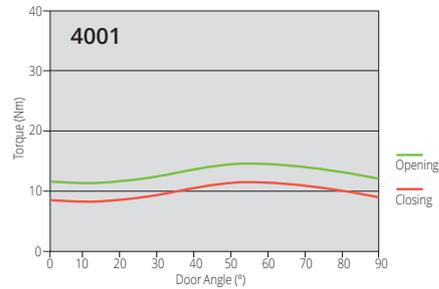
- ✓ Apartment entrance doors
- ✓ Reduced ligature settings
- ✓ Hotel bedrooms
- ✓ Internal office doors
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation

## Functions

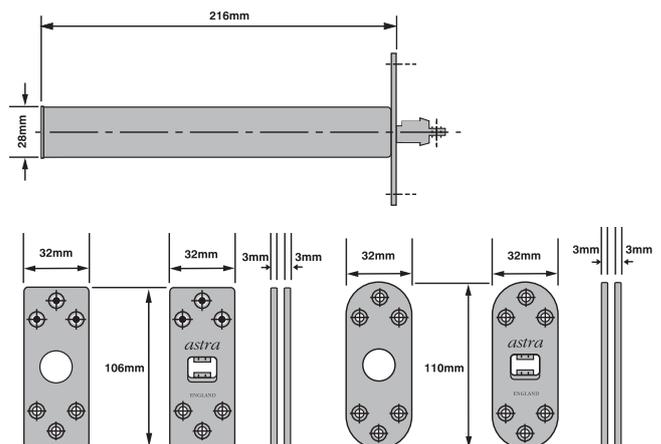
- ✓ Adjustable closing speed whilst installed
- ✓ Maintenance-free

## Test Evidence

- ✓ Continuous in-house testing to over 500,000 cycles
- ✓ Fire test conducted in accordance with BS EN1634-1:2000
- ✓ Third Party performance tested to EN1154



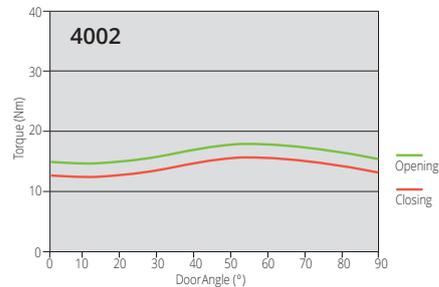
## 4000 Series Dimensions



# 4002 Technical Details

## Performance

- ✓ Fixed power EN2
- ✓ Closing force 4° from latch 13Nm
- ✓ Opening force 4° from latch 16Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°
- ✓ Suitable for doors up to 900mm wide



## Product

- ✓ Integrated door control
- ✓ Jamb mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Applications

- ✓ Apartment entrance doors
- ✓ Reduced ligature settings
- ✓ Hotel bedrooms
- ✓ Internal office doors
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation

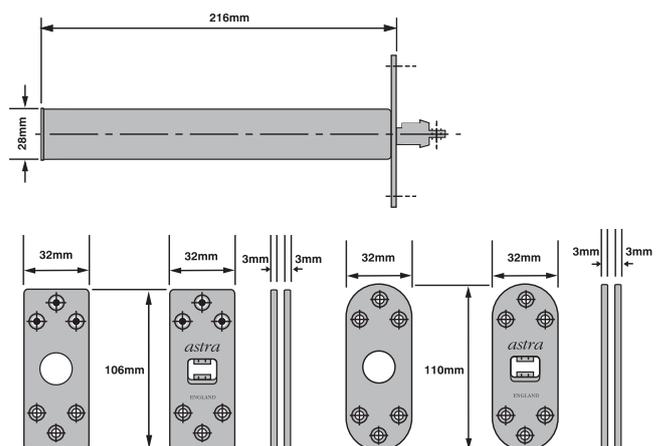
## Functions

- ✓ Adjustable closing speed whilst installed
- ✓ Maintenance-free

## Test Evidence

- ✓ Continuous in-house testing to over 500,000 cycles
- ✓ Fire test conducted in accordance with BS EN1634-1:2000
- ✓ Third Party performance tested to EN1154

## 4000 Series Dimensions



# 4003 EN Power 3

There are only three CE marked concealed jamb mounted door closers available to the industry, two of which are manufactured by Astra Door controls. The Astra 4003 product is the latest jamb mounted product on the market that is CE marked in accordance to the European Harmonised standard BS EN1154. The 4003 concealed door closer offers an alternative to face-fixed closers to meet standards, fire regulations and accessibility requirements.

## Astra 4003 concealed closer

- ✓ BS EN1634 approved
- ✓ 30 minute fire doors
- ✓ 60 minute fire doors
- ✓ EN1154 approved
- ✓ CE Marked
- ✓ PAS 24 approved

## Dual Fire and Security accredited

- ✓ Stredor Door Core
- ✓ Strebord Door Core

## Suitable Applications

- ✓ Apartment entrance doors
- ✓ Hotel bedroom doors
- ✓ Student accommodation
- ✓ Internal office doors
- ✓ Cubicle doors
- ✓ Residential dwellings
- ✓ Reduced ligature

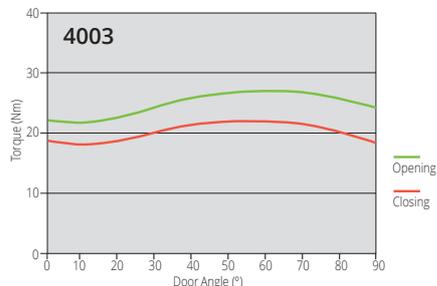


<b>CE</b>	Astra Door Controls Ltd Preston PR2 5AP England	18					
1720-CPR-0174	EN 1154:1997+A1:2002	3	8	3	1	1	5

# 4003 Technical Details

## Performance

- ✓ Fixed power EN3
- ✓ Closing force 4° from latch 19Nm
- ✓ Opening force 4° from latch 22Nm
- ✓ Continuous valve control from 90°
- ✓ Maximum opening angle 105°
- ✓ Suitable for doors up to 1100mm wide



## Product

- ✓ Integrated door control
- ✓ Jamb mounted frame plate hinge side
- ✓ Suitable for use on right and left handed swing doors
- ✓ Completely concealed when door is closed

## Applications

- ✓ Apartment entrance doors
- ✓ Reduced ligature
- ✓ Hotel bedrooms
- ✓ Internal office doors
- ✓ Residential dwellings
- ✓ Cubicle doors
- ✓ Student accommodation

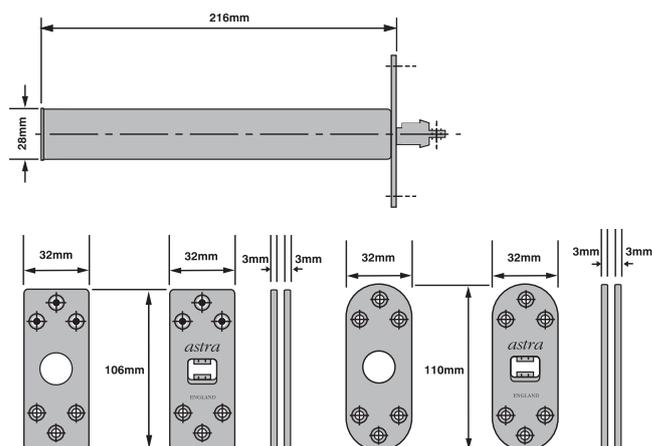
## Functions

- ✓ Adjustable closing speed whilst installed
- ✓ Maintenance-free

## Test Evidence

- ✓ CE marked in accordance with the Construction Product Regulations
- ✓ Continuous in-house testing to over 500,000 cycles
- ✓ Fire test conducted in accordance with BS EN1634-1:2000
- ✓ Third party performance tested to EN1154

## 4000 Series Dimensions



# Case Studies



## Duo

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More than 600 of Astra's concealed door closers have been specified and fitted at DUO, an award-winning contemporary twin-tower development in Singapore. The stunning mixed-use development is the showpiece building in the significant Ophir Rochor corridor redevelopment.

Designed by architect Ole Scheeren and completed in 2017, DUO was awarded a Silver award in the Best Futura Project category at MIPIM Asia Awards. It is an integrated development comprising premier residences, Grade-A office spaces, a retail gallery and 5-star hotel.

660 of Astra's top-of-the range power size 3 concealed hinge-edge door closers were supplied for the entrance doors for apartments in the DUO towers. The closers have enabled the architects to maintain the sleek minimalist lines that the aesthetic called for, whilst complying with all appropriate fire and safety regulations.



## Le Mirage

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More than 400 of Astra's concealed door closers have been chosen for an innovative new residential complex in Qatar. Chosen for their sleek, minimalist design by furniture and doorset manufacturer Khazanah Trading, the Astra 3003 size three CE-Marked closers will be fitted to the apartment doors of the new Le Mirage CityWalk in Doha to help meet Qatari fire regulations without compromising on design aesthetics.

Designed by Architects Lacasa Qatar in the Bin Mahmoud neighbourhood of Doha, Le Mirage CityWalk is a residential development with 399 contemporary one and two-bedroom apartments and two and three-bedroom duplexes across four separate buildings. Its roof features an entertainment zone with swimming pools, football courts, tennis courts and even Qatar's first roof-top air-conditioned jogging track.



## Elysian Tower

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Astra's concealed door closers have been used to great aesthetic and practical effect on a landmark residential development in Cork, Ireland. The Elysian Tower, the tallest building in Ireland and a benchmark for smart urban living, features over four thousand of the innovative Astra concealed closers on apartment entrance doors, internal doors and cross corridor doors.

Built by O'Flynn Construction, The Elysian is a mixed-use development consisting of a number of connected 6-8 storey buildings, with a landmark 17-storey tower on the southwest corner of the site. The tower is 71 metres to the top floor, making it the tallest storeyed building in the Republic of Ireland. The complex includes an enclosed Japanese garden and a two-level basement garage to service the apartments – from one-bedroom units to a luxury four-bedroomed penthouse.



## Roque Bay

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Astra concealed door closers have helped make a luxe, sleek design concept become reality for the doors on a stunning residential development in Jersey. Architectural ironmongers Irontree Solutions have created bespoke door solutions for the Rocque Bay development that have fitted the designer's vision perfectly.

Castletree Homes has designed the new development of 13 apartments and three town houses on the former site of The Shakespeare Hotel overlooking the stunning Harve des Fontaines Bay in Jersey. With outstanding sea views and private access to the beach, the apartments have been finished to the very highest standards, including the doors and ironmongery supplied by Irontree.

Hundreds of Astra concealed door closers on apartment entrance doors are making a safe, reliable and efficient contribution to the chic interior design scheme in one of Docklands landmark buildings, Arena Tower. Since they are they are concealed in the door's hinge edge, they are totally unobtrusive yet comply with all building and fire regulations.

The Astra door closers were chosen by the architectural ironmonger John Planck Ltd to suit the sleek, modern interiors of the apartments. They form part of an ironmongery package for over 3,300 individual door sets that featured a specially designed lever handle and matching accessories for all the apartments and common areas. John Planck's ironmongers worked closely with developers Galliard Homes to create a scheme that is not only visually stunning but complies with all fire, accessibility and security regulations.



## Arena Tower

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Concealed door closers from Astra are playing a starring role in making fire doors safe yet stylish at a prestige residential development of an iconic former film studio. Door manufacturer ABL Doors used Astra closers to help create sleek, elegant entrance doors for apartments at Denham Film Studios in Buckinghamshire.

Developers Weston Homes asked ABL to supply wide range of cutting edge door designs in the most modern finishes that would complement the development's retro aesthetic, including 30-minute fire-rated doors for apartment entrances. "It was incredibly important for us to achieve an effective balance of modern functionality and old-style glamour," says ABL's MD Andy Williams. "The flat entrance doors needed to be Secured by Design accredited FD-30 fire doors that would function brilliantly yet look refined to suit their surroundings. We opted for CE-Marked Astra closers to avoid the obtrusive institutional look of an overhead closer."



## Denham Film Studio

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More than four hundred concealed closers from Astra Door Controls have been specified and fitted on one of London's most prestigious developments, The Lancasters.

The Lancasters, on the northern edge of London's Hyde Park, took five years to complete and has involved the renovation of an entire terrace of fifteen magnificent 19th century houses. The development was carried out by Northacre PLC with commercial property developer Minerva PLC. The seven-storey, grade II listed terrace was most recently occupied by the Lancaster Gate Thistle Hotel but has now been meticulously remodelled to create 77 individual properties including 10 penthouses and two town houses.



## Lancasters

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Over 600 doors on the Quatermile development in Edinburgh will feature concealed door closers from Astra Door Controls. The closers were chosen by the door manufacturers and architectural ironmongers to suit the sleek, modern interiors of the apartments at Quatermile since they are concealed in the door's hinge edge, yet comply with all building and fire regulations.

The Quatermile is a high quality mixed use redevelopment of the 19-acre former Royal Infirmary of Edinburgh site overlooking The Meadows designed by Foster and Partners. The development was led by Quatermile Developments who carried out their own high quality fit out works and the main contractor for the building shell was Robert McAlpine. The scheme comprises a mixture of new build apartments converted from the existing hospital buildings, new build offices, affordable homes and retail and leisure outlets.



## Quatermile

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DOOR CONTROLS

*The highest possible standards. The best possible solutions.*

**Astra Door Controls** – A UK manufacturer of concealed hydraulic door controls specifically designed for the architectural market.

The research and development department, manufacturing plant, and offices operate out of Astra Business Centre in Preston, Lancashire.

Born out of the companies Reilor Limited and Gibcloser Limited, Alister Reid and Philip Gallagher set up Astra Door Controls in 2005 with a vision to design and manufacture concealed door closers for the fire door market in the United Kingdom. In the beginning, Alister as Managing Director shaped the business to meet the demands of manufacturing and design leaving Philip (Technical and Sales Director) to focus on developing the product range and certification requirements. As both directors are very “hands on” it soon became apparent that traditional overhead face fixed closers were not always wanted or desired. The requirement for a hidden or concealed self-closing device was an obvious missing piece of the modern fire door-set.

The introduction of the Regulatory Reform (fire safety) Order 2005 helped provide clear guidance on the requirements in fire safety in commercial buildings and blocks of apartments.

Working with hinge manufacturers and door fabricators, alongside architects and architectural ironmongers the company is instrumental in providing solutions for self-closing fire doors.

In 2016 Mark Gallagher joined Astra Door Controls to help Alister and Philip grow the business and is now UK Sales and Marketing Manager.

More recently, the demand for door closers in residential housing has grown significantly. The concealed option is the desired choice for architect, client and occupier. To this end, Astra has designed a complete range which now boasts the 1000, 2000, 3000 and 4000 series in its portfolio of hidden door closers. Utilising in house test rigs and testing equipment has helped develop Astra Door Controls that operate with both concealed and butt type hinges.

“As a manufacturer, it is important we develop products appropriate to the markets in which we operate. Quality, service, reliability and cost is critical to how we grow as a business. Understanding our customers’ needs and having the ability to react at short notice has defined Astra Door Controls in the architectural fire door arena.

We will continue to strive to bring in new products that are both functional and aesthetically pleasing whilst maintaining levels of performance attributed to the appropriate standards.

Committed to manufacturing in the United Kingdom, we are able to deliver modern design with quality products at a competitive price whilst fulfilling the requirements of the relevant standards.”

Philip Gallagher, Managing Director.

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