

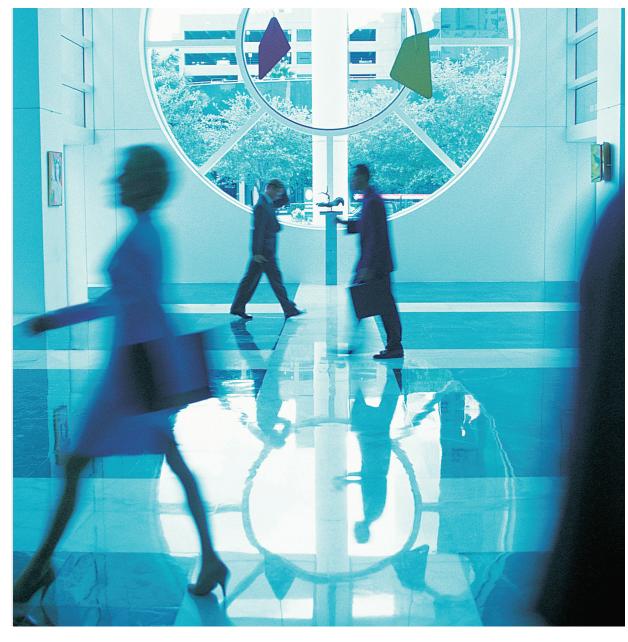
The ASSA ABLOY Group World leaders in door opening solutions

As the world's leading door opening solutions provider we are dedicated to satisfying end-user needs for security, safety and convenience.

With over 150 companies operating in more than 40 countries, the Group is the strongest global player in the industry with circa €6 billion sales worldwide. Today ASSA ABLOY is the leading global supplier of intelligent lock and security solutions. Its products account for more than one in ten of all lock installations worldwide.

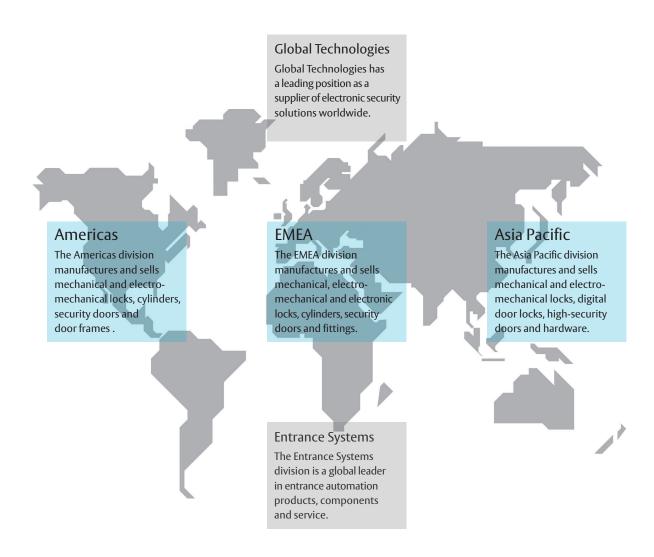
ASSA ABLOY Group is represented in all major regions, on both mature and emerging markets, with leading positions in much of Europe and North America and in Africa .

In the rapidly growing electro-mechanical security sector, the Group has a leading position in fields such as access control, identification technology, automatic doors and hotel security.



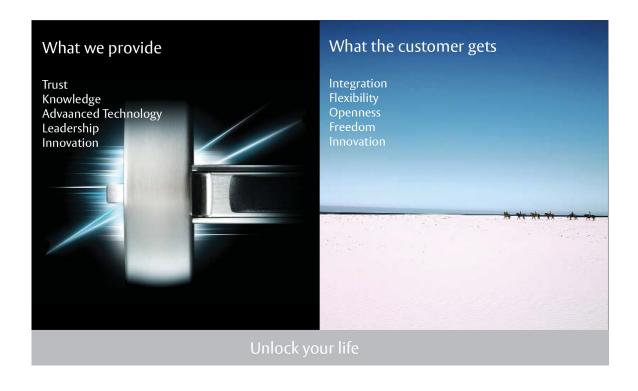
The ASSA ABLOY Group A world of expertise

ASSA ABLOY offers solutions across all areas of the security industry. The Group has three geographical divisions and two divisions operating on a global scale.



ASSA ABLOY EMEA (Europe, Middle East, Africa)

The offering is adapted to the local market's standards and security requirements, thanks to the local knowledge of the Group's brands. In EMEA, these include some of the most respected in the industry such as ABLOY, Yale, TESA, UNION and Traka amongst others.



Identity and brand

Life in the 21st century is based on a contradiction. Never have there been more opportunities or freedoms for people. Never have there been more fears and insecurities that can potentially block the expression of those freedoms. Therefore, in order for each of us to realize our potential, we must first feel absolutely safe and secure.

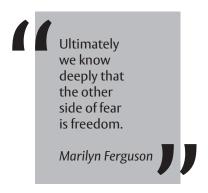
At ASSA ABLOY, we understand that a world that is safe and secure is a world that is more free. We are committed to creating high quality products that give people peace of mind at home and at work. We are dedicated to this task because we know that without peace of mind, none of us are able to tap into life's possibilities. Physical and psychological security allows us to fling our doors open towards freedom.

What is freedom? Freedom is the universal hope of all humanity. It means living our life the way we want to. To be the best we can be. To be able to realize our potential and to create reality out of inspiration. And freedom is personal; there are as many different expressions of freedom as there are individuals.

ASSA ABLOY is more than a building, more than a group of people, more than a company. It is a state of mind and spirit. We understand that freedom enriches and that fear makes us poorer.

From the factory to installation, every member of the ASSA ABLOY team is committed to excellence in door opening solution products and services that will allow each and every one of us to unlock the potential in our lives.

ASSA ABLOY. Unlock Your Life.



AASpecification Solution Centers

Services

ASSA ABLOY provide complementary service packages for the client, developer, architect, consultant, project manager, contractor and enduser.

The elements of the ASSA ABLOY service package include door scheduling and door specification, product information, guarantees, training, electronic communication and quick availability.

ASSA ABLOY Solution Centers are members of the ASSA ABLOY Design Network, an international exclusive club of specialists in lead-ing and managing the specification of locks and hardware. They work closely with all those involved in a project and ensure that expert advice is given at every stage. AN ASSA ABLOY Solution Center will review the locks and hardware requirements for a client or developer and will recommend a "fitfor-purpose" all-inclusive ASSA ABLOY solution, The global leader in door opening solutions

ASSA ABLOY and architects

The architectural community represents one of the most important partners for ASSA ABLOY. Along with designing buildings to meet end-user needs, architects play an important role in the specification and selection of well-designed security solutions.

ASSA ALBOY's plan is to build quality, long-term relationships with architects, design professionals and security consultants based on trust, professionalism and integrity.

We understand that keeping people safe and buildings secure is a key objective and our aim is to help our partners find solutions which e match their client's needs and their design aspirations.

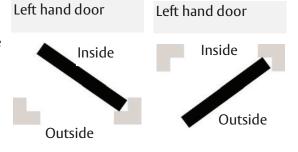


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Door Handing

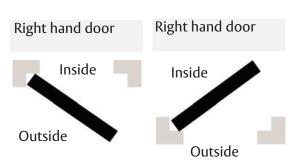
Left Handed

Facing the door from the inside, if the hinges are on the left, it is a left hand door.

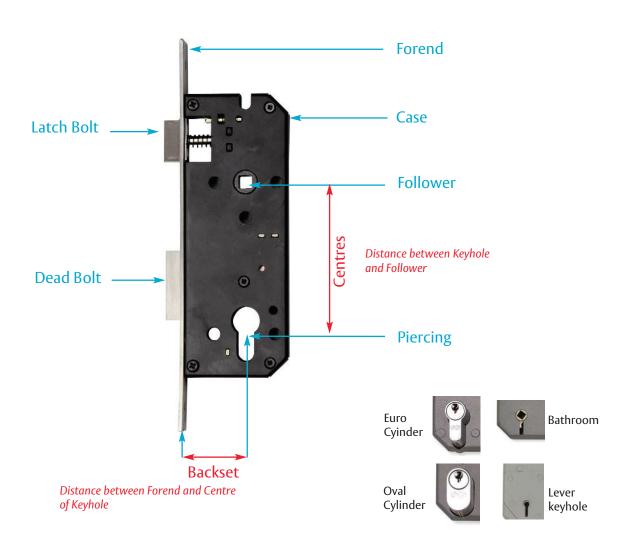


Right Handed

Facing the door from the inside, if the hinges are on the right, it is a right hand door.



Anatomy of a Lock





Tubular Stainless Steel Series













Solid Stainless Steel Series





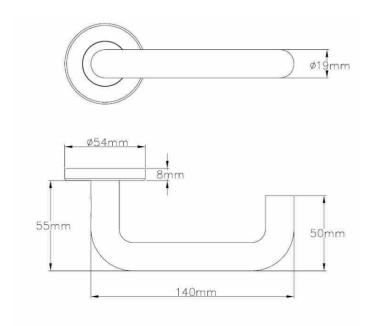
LHS-RR-151-PSS



LHT-RR-001-PSS







Application

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards

- BS EN 1634 Part 1: 2000 assessed for use on
 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade
 4

Specification

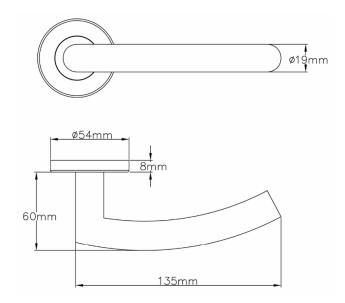
- Manufactured from Grade 304 stainless
 - steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with strew-on rose upon request
- Atsodatidable in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

LHT-RR-003-PSS







Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

LHT-RR-005-PSS





Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade

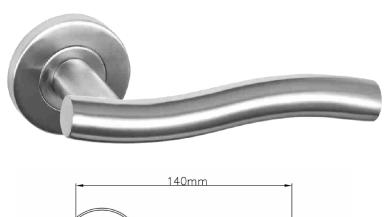
Specification:

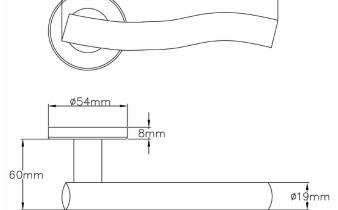
- Manufactured from Grade 304 stainless steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Also available in PVD (PB) and PS finishes upon request
- Available in SS finish as standard

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHT-RR-007-PSS





Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

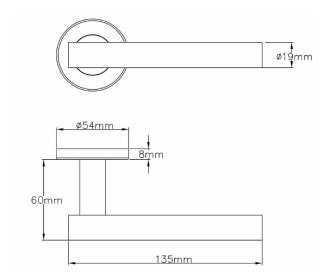
- Manufactured from Grade 304 stainless steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

LHT-RR-008-PSS







Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

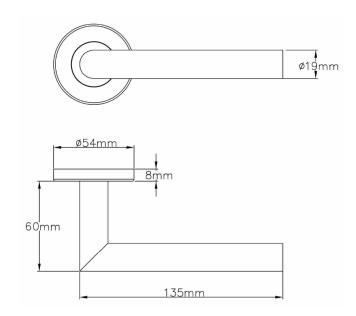
- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHT-RR-009-PSS





Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

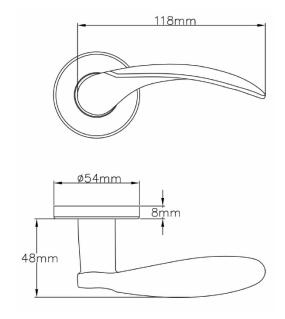
- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHS-RR-134-PSS





Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

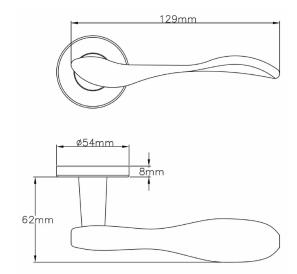
- Manufactured from Grade 304 stainless steel
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHS-RR-140-PSS





Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

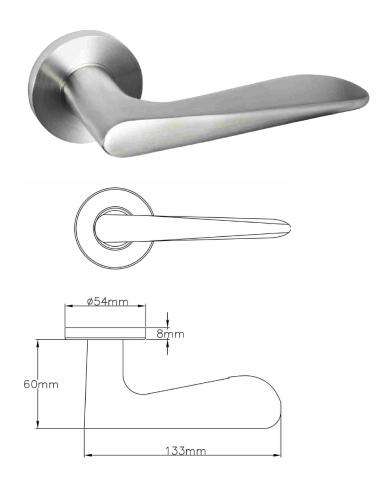
Specification:

- Manufactured from Grade 304 stainless steel
- Handle Length: 128mm
- Handle Projection: 62mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHS-RR-143-PSS



Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

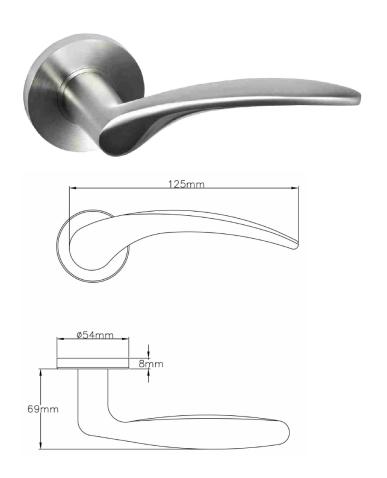
Specification:

- Manufactured from Grade 304 stainless steel
- Handle Length: 145mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHS-RR-147-PSS



Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

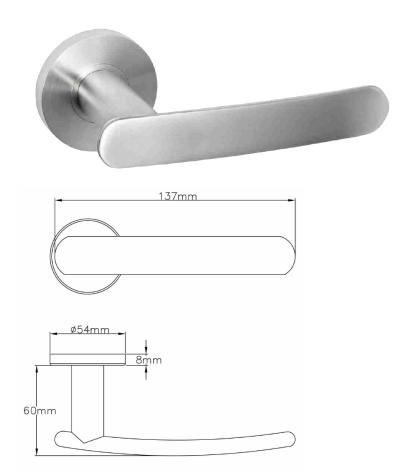
Specification:

- Manufactured from Grade 304 stainless steel
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



LHS-RR-167-PSS



Application:

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing screws required
- 19mm diameter handle Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Cycle tested to 200,000 cycles
- Corrosion testing 480 hours EN 1670 Grade 4

Specification:

- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



ASSA ABLOY



TESA

ASSA ABLOY

Sena AISI 316L

The pack with a rosette includes

» A set of handles with an internal plate and a cover, 1 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

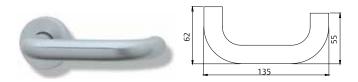
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available

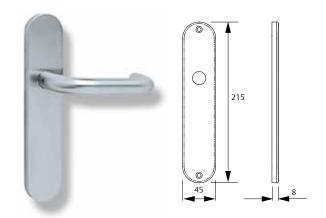
The pack with a squared plate includes

» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

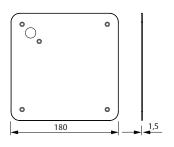
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finishes
Rosette	MS5R800	IS16 (includes through bolts)
Rosette	MMTFR800	IS16 1/2 Fixed knob + CUADRAE
Rosette	MSTFR800	IS16 1/2 Fixed knob + CUADRAE + 1/2 Sena
Rosette	MTF5R800	IS16 Double Fixed knob + 2 CUADRAE
Long plate	Product code	Finishes
Passage	MS5L800	IS16 (no through bolts included)
Rectangular	MS5LR800	IS16 (no through bolts included)
Cylinder at 47 mm	MS0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MS0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MS0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MS0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MSEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MSEL870	IS16 (no through bolts included)
Deadbolt at72 mm	MSEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MSEL885	IS16 (no through bolts included)
Square plate	Product code	Finishes
Pasagge	MS5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MS0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MS0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MS0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MS0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MS3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MS3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MS3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MS3C885	IS16 (includes through bolts)















ASSA ABLOY

Vector AISI 316L

The pack with a rosette includes

» A set of handles with an internal plate and a cover, 1 8x105pindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

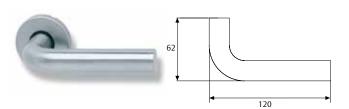
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available

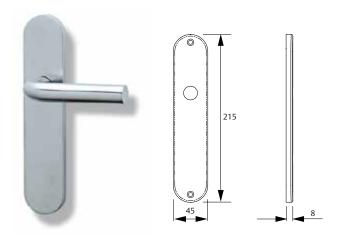
The pack with a squared plate includes

» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

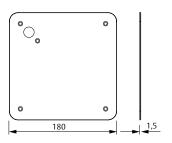
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MV5R800	IS16 (includes through bolts)
Rosette	MVTFR800	IS16 1/2 Fixed knob + CUADRE + 1/2 vector
Long plate	Product code	Finish
Passage	MV5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MV0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MV0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MV0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MV0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MVEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MVEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MVEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MVEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MV5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MV0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MV0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MV0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MV0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MV3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MV3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MV3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MV3C885	IS16 (includes through bolts)











TESA

ASSA ABLOY

Xara AISI 316L

The pack with a rosette includes

» A set of handles with an internal plate and a cover, a 8x105 mm spindle,2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

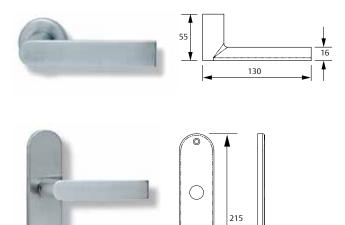
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach spindle, 2 bolts and an Allen key.
- » Rectangular plate also available

The pack with a squared plate includes

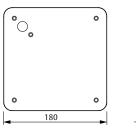
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm square, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MX5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MX5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MX0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MX0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MX0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MX0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MXEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MXEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MXEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MXEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MX5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MX0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MX0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MX0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MX0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MX3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MX3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MX3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MX3C885	IS16 (includes through bolts)













Zafira AISI 316L

The pack with a rosette includes

ASSA ABLOY

» A set of handles with an internal plate and a cover, a **8x105**pindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

The pack with a squared plate includes

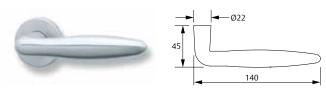
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key

The pack with a fixed knob includes

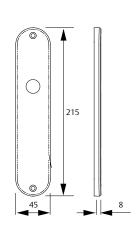
A set of handles with an internal plate and a cover, a 8x60 mm spindle, 2 recoil springs, 2 fixed through bolts, 2 screws, 2 bolts and an Allen key.

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

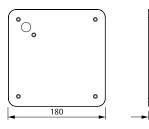
Rosette	Product code	Finish
Rosette	MZ5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MZ5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MZ0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MZ0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MZ0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MZ0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MZEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MZEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MZEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MZEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MZ5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MZ0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MZ0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MZ0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MZ0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MZ3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MZ3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MZ3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MZ3C885	IS16 (includes through bolts)















ASSA ABLOY

Sector AISI 316L

The pack with a rosette includes

» A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

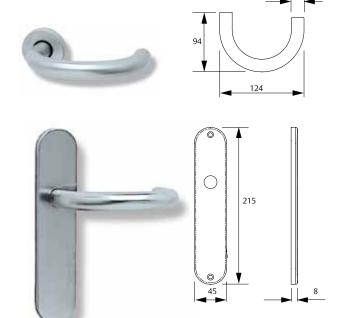
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

The pack with a squared plate includes

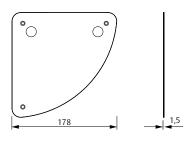
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MSE5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MSE5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MSE0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MSE0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MSE0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MSE0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MSEEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MSEEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MSEEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MSEEL885	IS16 (no through bolts included)
	IVISEEEOOS	15 To (110 till ough boilts illeladed)
Square plate	Product code	Finish
Square plate Passage		, ,
	Product code	Finish
Passage	Product code MSE5S800	Finish IS16 (includes through bolts)
Passage Cylinder at 47 mm	Product code MSE5S800 MSE0S847	Finish IS16 (includes through bolts) IS16 (includes through bolts)
Passage Cylinder at 47 mm Cylinder at 70 mm	Product code MSE5S800 MSE0S847 MSE0S870	Finish IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Passage Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm	MSE0S847 MSE0S870 MSE0S870	Finish IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Passage Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm	MSE5S800 MSE0S847 MSE0S870 MSE0S872 MSE0S885	Finish IS16 (includes through bolts)
Passage Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm Deadbolt at 47 mm	MSE5S800 MSE0S847 MSE0S870 MSE0S872 MSE0S885 MSE3S847	Finish IS16 (includes through bolts)
Passage Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm Deadbolt at 47 mm Deadbolt at 70 mm	MSE5S800 MSE0S847 MSE0S870 MSE0S872 MSE0S872 MSE0S885 MSE3S847 MSE3S870	Finish IS16 (includes through bolts)











Cubo AISI 316L

The pack with a rosette includes

ASSA ABLOY

» A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

The pack with a long plate includes

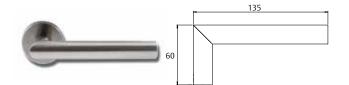
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

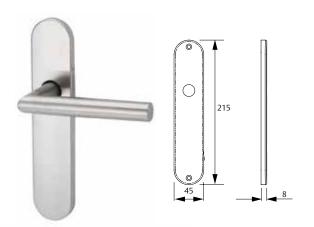
The pack with a squared plate includes

» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

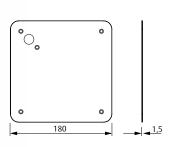
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MC5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MC5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MC0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MC0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MC0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MC0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MCEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MCEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MCEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MCEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MC5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MC0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MC0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MC0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MC0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MC3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MC3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MC3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MC3C885	IS16 (includes through bolts)











Planho AISI 316L

The pack with a rosette includes

ASSA ABLOY

» A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

135

The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle,2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

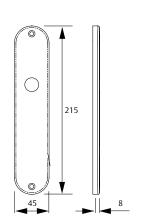
The pack with a squared plate includes

» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

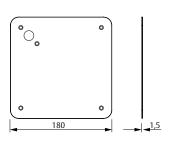
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MP5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MP5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MP0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MP0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MP0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MP0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MPEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MPEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MPEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MPEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MP5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MP0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MP0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MP0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MP0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MP3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MP3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MP3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MP3C885	IS16 (includes through bolts)









Stainless Steel Pull Handles



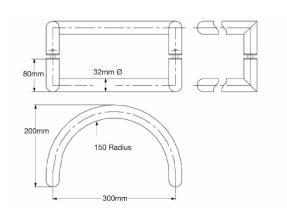




PHD-BB-300-32

Back to Back Pull Handle





- Application:Suitable for use on frameless glass, aluminium and wooden doors
- Back to back fixing

Finish:

- SC Satin Chrome finish
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

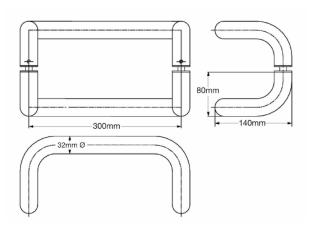
- Manufactured from Grade 304 steel
- Handle Diameter: 32mm
- Handle Length: 300mm
- Available in SS finish as standard
- Also available in PS finish upon request



PHCR-BB-300-32

Back to Back Pull Handle





- Application:Suitable for use on frameless glass, aluminium and wooden doors
- Back to back fixing

Finish:

- SC Satin Chrome finish
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

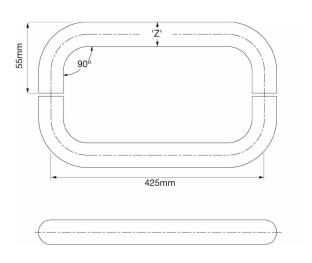
- Specification:Manufactured from Grade 304 steel
- Handle Diameter: 32mm
- Handle Length: 300mm
- Available in SS finish as standard
- Also available in PS finish upon request



PHD-BB-300-19

19mm Diameter Back to Back Pull Handle





- Application:Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 diameters
- Available in 4 handle lengths
- Back to back fixing

Finish:

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

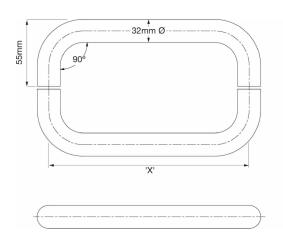
- Manufactured from Grade 304 steel
- Handle Diameter: 19 or 22mm
- Handle Length: 225mm, 300mm,
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



PHD-BB-300-32

32mm diameter Back to Back Pull Handle





- Application:Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 handle lengths
- Back to back fixing

Finish:

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

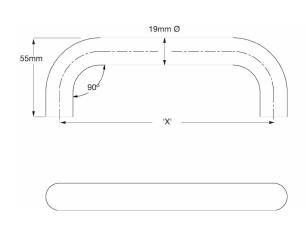
- Specification:Manufactured from Grade 304 steel
- Handle Diameter: 32mm
- Handle Length: 300
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



PHD-BT-300-19

19mm diameter Single Bolt Through Pull Handle





Application:

- Suitable for use on wooden and metal doors
- Available in 3 handle lengths
- Bolt-through fixing

Finish:

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

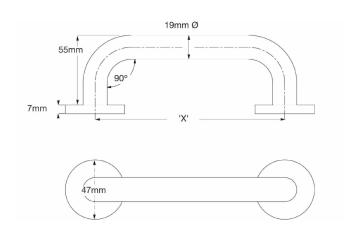
- Manufactured from Grade 304 steel
- Handle Diameter: 22mm
- Handle Length: 150, 225, 300
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



PHD-CF-150 -19

Single Pull Handle with Concealed Fixing Rose





Application:

- Suitable for use on wooden and alluminium doors
- Available in 3 handle lengths
- Concealed face fixing

Finish:

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

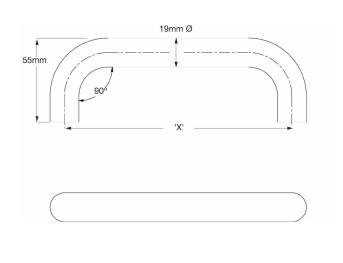
- Manufactured from Grade 304 steel
- Handle Diameter: 19mm / 22mm
- Handle Length: 150, 225 and 300
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



PHP-400/225 -19

Pull Handle on Plate





- Application:Suitable for use on wooden doors
- Available in 3 handle lengths
- Wood screw fixing

Finish:

- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

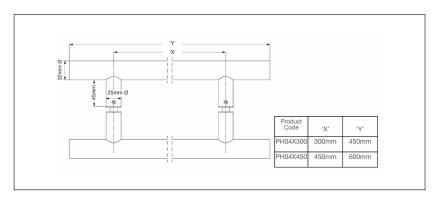
- Manufactured from Grade 304 steel
- Plate size 400 x 100mm: Other sizes available on request
- Handle Diameter: 22mm
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



PHT-BB-300-32

Back to Back Straight Pull Handle





- Application:
 Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 handle lengths
- Back to back fixing

Finish:

- SC Satin Chrome finish
- PS Polished Stainless Steel

Standards:

- BS EN 1634 Part 1: 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

Specification:

- Manufactured from Grade 304 steel
- Handle Diameter: 32mm
- Handle Length: 450 or 600mm
- Fixing Point Distance:

400MM HANDLE - 300MM 450mm handle - 300mm 600mm handle - 450mM 1000MM handle -500mm

- Available in SS finish as standard
- Also available in PS finish upon request

Architectural Euro Profile Cylinder Locks

















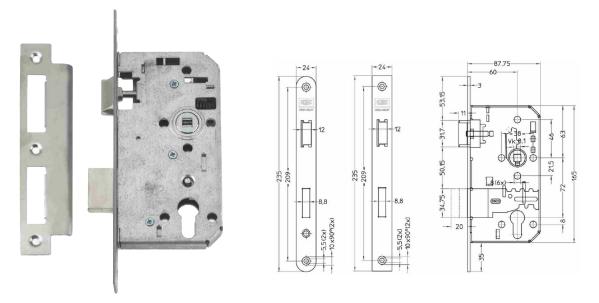






Euro Profile Mortice Sashlock





Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing with 72mm centres which are designed to suit DIN standard Euro profile cylinders
- Double throw 20mm deadbolt throw when key is turned twice
- Latch bolt withdrawn by the lever handle from either side
- Pierced to accept bolt through furniture and security roses
- Suitable for sprung and unsprung lever furniture

Finish:

SS - Stainless Steel

Specification:

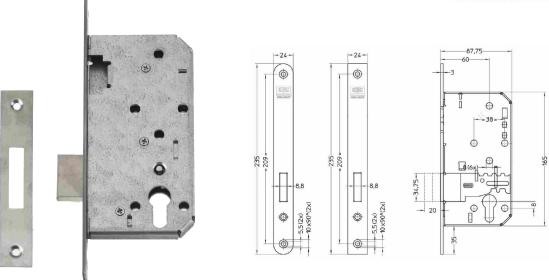
- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1º follower angle to help maintain the appearance of the door furniture over time by reducing lever droop
- Cylinder to latch functionality
- Reference: L2B21
- Case Size: 88mm
- Backset: 60mm
- Centres: 72mm
- Case: Steel, Galvanised
- Forend: Stainless Steel
- Striking Plate: Stainless Steel
- Deadbolt: Zinc
- Latch Bolt: Zinc
- Follower 8mm
- Cylinder Type Euro profile (not supplied)

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Mortice Deadlock







Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing with 72mm centres which are designed to suit DIN standard Euro profile cylinders
- Double throw 20mm deadbolt throw when key is turned twice
- Latch bolt withdrawn by the lever handle from either side
- Pierced to accept bolt through furniture and security roses
- Suitable for sprung and unsprung lever furniture

Finish:

SS - Stainless Steel

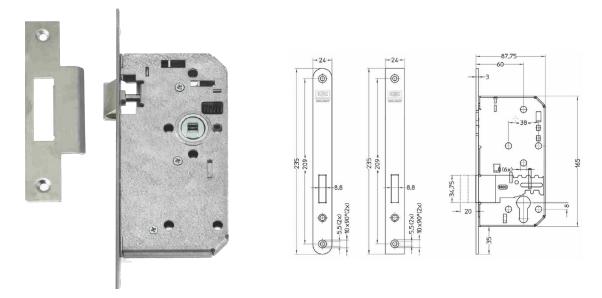
Specification:

- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1º follower angle to help maintain the appearance of the door furniture over time by reducing lever droop
- Cylinder to latch functionality
- Reference: L2B21
- Case Size: 88mm
- Backset: 60mm
- Centres: 72mm
- Case: Steel, Galvanised
- Forend: Stainless Steel
- Striking Plate: Stainless Steel
- Deadbolt: Zinc
- Latch Bolt: Zinc
- Follower 8mm
- Cylinder Type Euro profile (not supplied)

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Mortice Latch





Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing
- Latch bolt withdrawn by the lever handlefrom either side
- Pierced to accept bolt through furniture
- Suitable for sprung and unsprung lever furniture

Finish:

SS - Stainless Steel

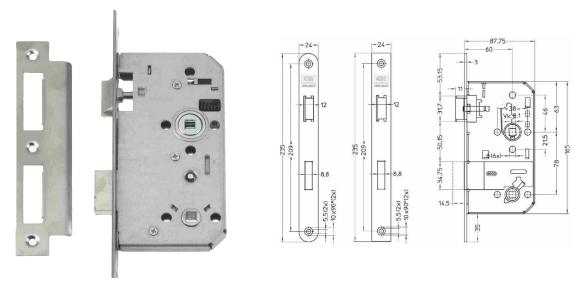
Specification:

- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1º follower angle to help maintain the appearance of the door furniture over time by reducing lever droop
- Cylinder to latch functionality
- Reference: L2B21
- Case Size: 88mm
- Backset: 60mm
- Centres: 72mm
- Case: Steel, Galvanised
- Forend: Stainless Steel
- Striking Plate: Stainless Steel
- Deadbolt: Zinc
- Latch Bolt: Zinc
- Follower 8mm

- Tested to BS EN 12209 : 2003 **2 M 4 1 0 F 2 B 0 2 0**
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations
 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Mortice Bathroomlock





Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing with 72mm centres which are designed to suit DIN standard Euro profile cylinders
- Double throw 20mm deadbolt throw when key is turned twice
- Latch bolt withdrawn by the lever handle from either side
- Pierced to accept bolt through furniture and security roses
- Suitable for sprung and unsprung lever furniture

Finish:

• SS - Stainless Steel

Specification:

- Smm spindle adaptor supplied for the bathroom furniture
- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1º follower angle to help maintain the appearance of the door furniture over time by reducing lever droop
- Reference 2B27
- Case Size 88mm
- Backset 60mm
- Centres 78mm
- Case Steel, galvanised
- Forend Stainless steel
- Striking Plate Stainless steel
- Deadbolt Zinc
- Latch Bolt Zinc
- Follower 8mm
- Bathroom Follower 8mm with 5mm adaptor

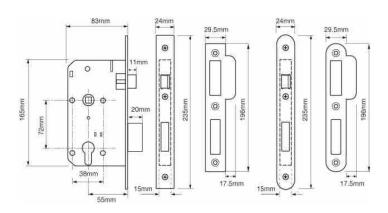
- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Mortice Latch









Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors special fixings required

Finish:

- SS Stainless Steel PS Polished Stainless Steel
- PB Polished Brass finish

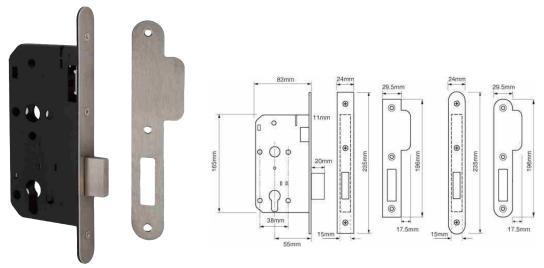
Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Deadbolt locked by cylinder key or turn
- Double throw 20mm deadbolt throw when key is turned twice
- Pierced to accept security rose fixings
- Available with radiused (R) or square (S) forend and strike
- Case Size: 83mm
- Backset: 55mm
- Case: Steel, black powder coat
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Stainless steel
- Latch Bolt: n/a
- Follower: n/a
- Cylinder Type: Euro profile (not supplied)
- Available in SS finish as standard
- Also available in PS and PB finishes upon request

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Mortice Deadlock





Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing with 78mm centres
- Deadbolt locked or unlocked by a separate privacy turnfrom the inside
- Single throw 14.5mm deadbolt
- Latch bolt withdrawn by the lever handle from either side
- Pierced to accept bolt through furniture and privacy turn/release
- Suitable for sprung and unsprung lever furniture

Finish:

SS - Stainless Steel

Specification:

- Smm spindle adaptor supplied for the bathroom furniture
- Profiled latch bolt for smooth and positive-engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1º follower angle to help maintain the appearance of the door furniture over time by reducing lever droop
- Reference 2B27
- Case Size 88mm
- Backset 60mm
- Centres 78mm
- Case Steel, galvanised
- Forend Stainless steel
- Striking Plate Stainless steel
- Deadbolt Zinc
- Latch Bolt Zinc
- Follower 8mm
- Bathroom Follower 8mm with 5mm adaptor

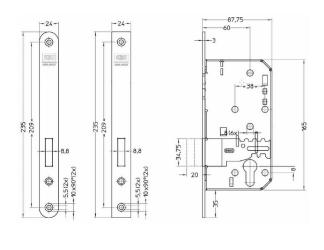
- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Mortice Latch









Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors special fixings required

Finish:

SS - Stainless Steel

Specification:

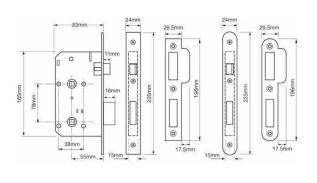
- Modular case range
- Latch bolt withdrawn by handle from either side
- Pierced to accept bolt through furniture
- Suitable for unsprung lever furniture up to a maximum weight of 0.75kg
- Easily reversible stainless steel latch bolt
- Available with radiused or square forend and strike
- Case Size: 83mm
- Backset: 55mm
- Case: Steel, black powder coat
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: n/a,
- Latch Bolt: Stainless steel
- Follower: Zinc, 8mm
- Cylinder Type: n/a
- Available in SS finish as standard
- Also available in PS and PB finishes upon request

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations
 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

Mortice Bathroom Lock







Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors special fixings required

Finish:

- SS Stainless Steel PS Polished Stainless Steel
- PB Polished Brass finish

Specification: Modular case range

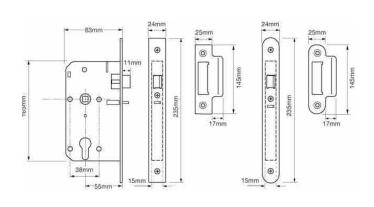
- Single throw deadbolt 16mm throw with separate turn from inside
- Deadbolt locked or unlocked by separate privacy turn from the inside
- Latch bolt withdrawn by lever handle from either side
- Easily reversible latch bolt
- Pierced to accept bolt through furniture
- Suitable for unsprung lever furniture up to a maximum weight of 0.75kg 5mm spindle adaptor
- Easily reversible stainless steel latch bolt
- Available with radiused or square forend and strike
- Case Size: 83mm
- Backset: 55mm
- Case: Steel, black powder coat
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Stainless steel
- Latch Bolt: Stainless steel
- Follower: Zinc, 8mm bathroom follower and turn
- Rebate Kit: J2C2-REB (13 & 25mm sizes)
- Cylinder Type: n/a
- Available in SS finish as standard
- Also available in PS and PB finishes upon request

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations of BS8300 and Approved Document M (ADM)
- 5 year guarantee

Euro Profile Deadlocking Mortice Night Latch







Application:

- Modular lockcase range for doors hinged on the left or right
- European style casing with 78mm centres
- Deadbolt locked or unlocked by a separate privacy turnfrom the inside
- Single throw 14.5mm deadbolt
- Latch bolt withdrawn by the lever handle from either side
- Pierced to accept bolt through furniture and privacyturn/release
- Suitable for sprung and unsprung lever furniture

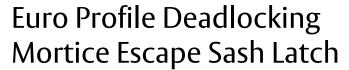
Finish:

• SS - Stainless Steel

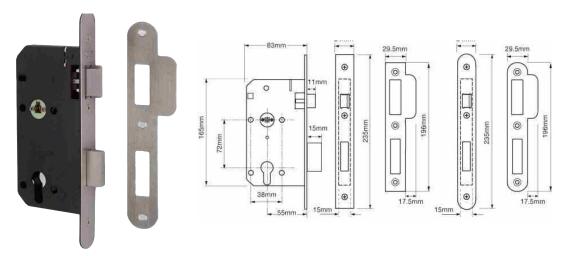
Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Key operation from outside of the door and single handle operation from inside
- Pierced to accept bolt through furniture and security rose
- Latch bolt is automatically locked against end pressure by the anti-thrust bolt
- Suitable for unsprung lever furniture up to a maximum weight of 0.75kg
- Easily reversible stainless steel latch bolt
- Available with radiused or square forend and strike
- Case Size: 83mm
- Backset: 55mm
- Case: Steel, black powder coat
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: n/a
- Latch Bolt: Stainless steel
- Follower: n/a
- Cylinder Type: Euro profile (not supplied)
- Available in SS finish as standard
- Also available in PS and PB finishes upon request

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations
 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee







F

Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors special fixings required

Finish:

• SS - Stainless Steel

Specification:

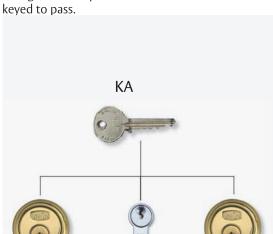
- Modular case range
- Latch bolt withdrawn by handle from either side
- Pierced to accept bolt through furniture
- Suitable for unsprung lever furniture up to a maximum weight of 0.75kg
- Easily reversible stainless steel latch bolt
- Available with radiused or square forend and strike
- Case Size: 83mm
- Backset: 55mm
- Case: Steel, black powder coat
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer
- forend
- Deadbolt: n/a,
- Latch Bolt: Stainless steel
- Follower: Zinc, 8mm
- Cylinder Type: n/a
- Available in SS finish as standard
- · · · Also available in · PS · and · PB· finishes upon request · · Standards:

- Tested to BS EN 12209: 2003 2 M 4 1 0 F 2 B 0 2 0
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- EC Certificate number: 0960 CPD 427.003
- Assists in fulfilling duties required under the Equality Act. Satisfies recommendations
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

Masterkeying

Keyed Alike

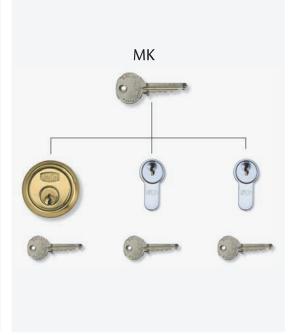
This refers to a number of locks each operated by the same key. This is also referred to as, alike change, locks to pass or keyed to pass.



Master Keyed

this is the simplest form of masterkeying. Each individual lock is operated by its own unique key and, in addition, a control key (master key) operates all the locks in the suite.



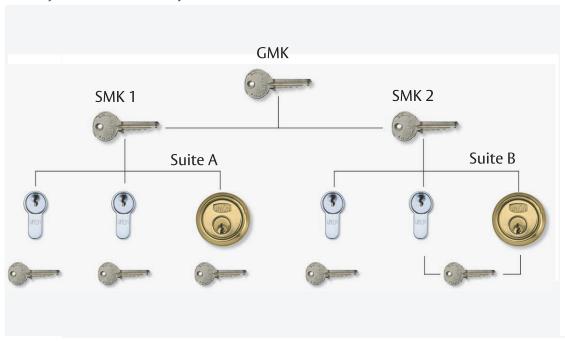


Grand Master Key

A Grand Master Key is a control key which operates a particular number of locks which are grouped into 2 or more sets of suites (known as sub-suites)

In this example, sub suites A and B are infact master suites that are linked to a higher authority - the Grand Master Key.

GMK - Grand Master Key
SMK - Sub Master Key
MK - Master Key
KA - Keyed Alike



Cylinders



Euro Profile





Plates and signages







Accessories



Door Stops & Coat hooks



Escutcheons



Accesories



Door Bolts







DB-001-200-SSS

Others











IB-002-SSS



IB-004-SSS

Architectural Hinges



Architectural Hinges





HN-RH - 403030



HN-SA - 403030



HN-RH-403030-LH/RH-SSS



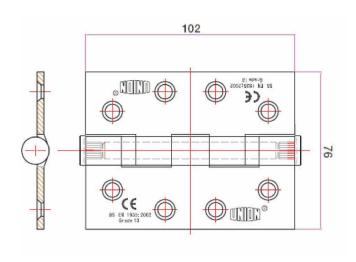
HN-DA - 403030

Powerload Hinges

HN2BBCE Ball Bearing Butt Hinge







Application:

- High performance ball bearing butt hinge
- Suitable for severe duty applications and for use on doors which are subject to frequent usage or where deliberate abuse is likely

Finish:

- SS Satin Stainless Steel finish
- PVD PB finish

Standards:

- 3mm hinges only:
- EN 1935:2002 performance tested to 200,000 cycles on 120 kg door mass
- 3rd party tested to BS EN 1935:2002.
 Achieved Grade 13

4761*14013

- Included in fire test to BS EN 1634-1
- Certificate Number: 359-CPD-0061

Specification:

- Ball bearing race ideal for improved durability
- 304 stainless steel provides improved corrosion resistance
- Available with template or congruent (zigzag) fixing pattern - please specify requirement on order
- Available with timber (W) or metal (M) door fixings - please specify requirement on order
- Square corners
- 2mm hinge is not CE marked or EN tested
- Available in SS or PVD (PB) finishes

Push type panic exit devices, universal serie



ASSA ABLOY

Universal series

The various functions presented by these serie provide solutions for any type of assembly, both for single and double leaf doors. All models present the following features:

- » Easily reversibility.
- » Compatible with firebreak doors.
- » External operation with:
 - Modular handle: its European-profile 30x10 mm cylinder makes it fit for installation in doors of varying degrees of thickness.
 - Sena handle: equipped with an adjustable cylinder for 32-to-80 mm-thick doors.
- » Narrow support pieces for small size profiles.
- » It can incorporate a microswitch.
- » Easy to install thanks to:
 - Vertical rod devices are adjusted to 40 mm
 - The horizontal bar can be cut in order to adjust them to the door width.
- » Standard finish:
 - Support pieces, vertical rod devices and auxiliary locks in BLACK (RAL 9005).
 - Active bar in GREEN (RAL 6002).
 - Other finish combinations can be ordered:

Horizontal bar							
Р	V	R	N	С	ı	LT	В
	•	•	•	•	•		
				•	•		
					•		
•							
				•			
							•
	P						

N: black (RAL 9005) Finishes examples:
V: green (RAL 6002) NV: black - green II:
R: red (RAL 3000) stainless - stainless
P: silver (RAL 9006) B: LT: brass - brass
white (RAL 9010) S: ...
satin (nickel plated)

LT: brass C: chrome

I: stainless (AISI304)





Reversibility



Adjustment

Push type panic exit devices



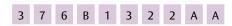
ASSA ABLOY

Rim model: 1910

Rim panic device with a lateral lock point. Steel swing latch.

Outside devices; see inferior table.

EN 1125 certification:



The box includes:

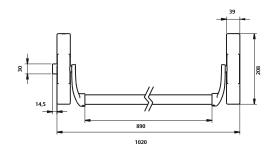
- » 1 main support and another secondary one.
- » 1 oval shaped horizontal bar, 900 mm in length.
- » Accessories: Fixing screws, screws witch support the horizontal bar, 1 square spindle and strike.
- » Assembly instructions and installation template.





Model	Bar length	Squared spindle mm	Cover finish mm	Bar finish
1910	90	8	N	V / N / R
1910	90	8	N	С
1910	90	8	N	I
1910	90	8	S	C
1910	90	8	S	I
1910	90	8	I	l l
1910	90	8	Р	Р
1910	90	8	LT	LT

Product code example: 1910908NV, 1910908SI



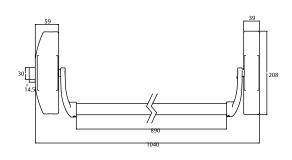
Special model: 191E

» Rim version 1 locking point - wide

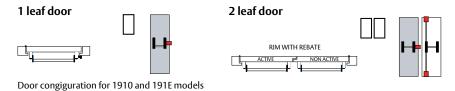
Model Bar length Squared spindle mm Squared spindle mm Bar finish

191E 90 8 Negro V/N/R

Product code example: 191E908NV



Configuration



Outside device		Blind plate	Euro profile	Lever handle with euro-profile	Lever handle	Pull knob with	Modular lever handle
No outside opening		•	•	with euro-profile		euro-profile	•
Free passig door					•		•
Cultural and a state and a second	Knob / lever handle opening			•		•	•
Cylinder looking —	Key opening		•			•	•

Push type panic exit devices



ASSA ABLO

Mortice Model. Single doors.

EN 1125 certificate in the 2 configurations: 1970+CF60 and 1970+2035T/4039T/2037F:



1- Panic device

The box includes:

- » 1 oval shape horizontal bar 900 mm in length.
- » 1 main support and 1 auxiliary support.
- » 1 inner plate (Ref. E1971INNE) to be used only with CF60
- » Assembly instructions and installation template.
- » Accessories:
 - Fixing screws
 - Screws witch support the horizontal bar.
 - A plastic hub cap (to be placed with the inner plate)
 - Squares spindles:
- » Panic device with 8 mm follower:
 - Double screwed square spindle 8/8 + 8/8. Panic device with 9 mm follower:
 - Double screwed square spindle 9/9 + 9/9.

» Locks



CF60 9 mm follower Reversible



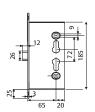
2035T. 8 mm follower. Handed. No cylinder, for free passing door

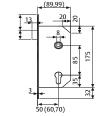


2037F. 8 mm follower reversible follower. Handed. (non handed). Valid for outside handle locking cylinder



Cylinder required opening.





3. Outside devices

The outside device must be selected depending on the type of lock. Two models are available: one for CF60 lock and the other suitable for 2035T, 2037F and 4039T.

	Who were
•	

	Model	Bar length	Squared spindle mm	Cover finish mm	Bar finish
Ξ	1970	90	8	N	V / N / R
		90	8	N	С
	1970	90	8	N	I
	1970	90	8	S	С
	1970	90	8	S	I
	1970	90	8	I	I
	1970	90	8	Р	Р
	1970	90	8	LT	LT

Product code examples: 1970908NV, 1970908SI

4. Cylinders

Any type of TESA cylinder can be used, facilitating the Masterke-ying. Cylinder length will depend on the lock position and the door thickness.

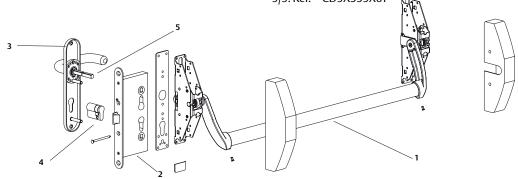
5. Squares spindles

1970 panic device model include: Panic device with 8 mm follower:

» Double screwed square spindle 8/8 + 8/8. Ref. CD2030S8M

Panic device with 9 mm follower:

» Double screwed square spindle 9/9 + 9/9. Ref. CD9X559X67



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Push type panic exit devices



ASSA ABLOY

Mortice Model. Double doors

EN 1125 certificate for 1970 + CF32 configuration



Active door

Use a 1970 model panic device with 9 mm follower + CF60 lock + outside accessory.

Non active door (secondary door)

1. Panic exit device

The same as active door.

2. Counter lock

CF32 Counterlock. Ref.: CF320SR9Z. Reversible. Square spindle 9 mm. Both the top and botton have screwed clasps to hold in place the vertical rods.

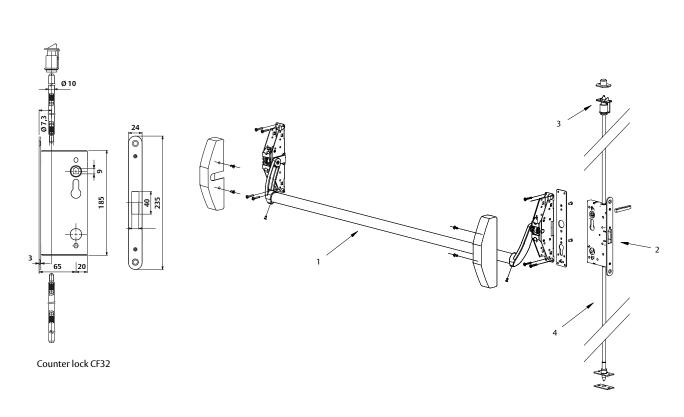
3. Vertical rod retainer

Ref.: RETFACF32. It is placed on the inside of the door at the top point of closing. Operation: activating the panic device, the vertical rods are released from their clasps and are supported by the retainer. On closing the door the retainer hits the strike freeing the movement of the vertical rods and allowing the door to be closed.

4. Vertical rods (upper and lower).

Ref.: BARVECF32. One end finishes with a roller bolt for the locking points and the other has screwed ends to enable union with the counterlock CF32. This Product code also includes the floor strike.





Push type panic exit devices. Universal serie



ASSA ABLOY

Outside devices. Rim models

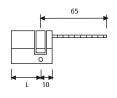
Sena lever handle



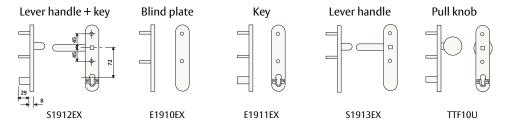
8 mm follower Adjustable cylinder available with all systems.

Outside device	Product code
Blind plate, black RAL 9005	E1910EXNE
Blind plate inox	E1910EXIS16
Euro-profile plate* black RAL 9005	E1911EXNE
Euro-profile plate* inox	E1911EXIS16
Sena Lever handle + euro-profile* black RAL 9005	S1912EXNE
Kubika handle euro-profile* inox	KU1912EXIS16
Obbal handle euro-profile* inox	O1912EXIS16
Sena handle euro-profile* inox	S1912EXIS16
Sena handle blind plate, black RAL 9005	S1913EXNE
Kubika handle blind plate	KU1913EXIS16
Obbal handle blind plate	O1913EXIS16
Sena handle blind plate inox	S1913EXIS16
Pull knob* inox	TTF10UNE
Pull knob* inox	TTF10UIS16

^{*} Requires regulated cylinder.



L	Α	В	Product code	Finish
40	30	10	TE5R3010L	Brass
40	30	10	TE5R3010N	Nickel
50	40	10	TE5R4010L	Brass
50	40	10	TE5R4010N	Nickel

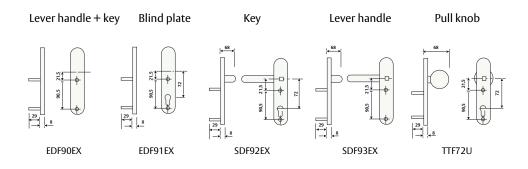


Outside device. Mortice models

For CF60 series lock



Outside device	Product code
Blind plate, black RAL 9005	EDF90EXNE
Blind plate	EDF90EXIS16
Euro-profile plate* black RAL 9005	EDF91EXNE
Euro-profile	EDF91EXIS16
Sena Lever handle + euro-profile* black RAL 9005	SDF92EXNE
Sena handle euro-profile	SDF92EXIS16
Sena handle blind plate, black RAL 9005	SDF93EXNE
Sena handle blind	SDF93EXIS16
Pull knob , black RAL 9005	TTF72UNE
Pull knob	TTF72UIS16



ASSA ABLOY Door Closers

ASSA ABLOY











DC120



ASSA ABLOY Sicherheitstechnik GmbH

11

ASSA ABLOY DC120

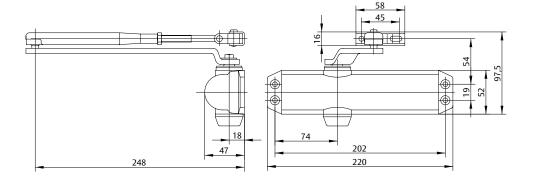
- · Rack and pinion door closer with link arm
- Certified in compliance with EN 1154, size 2/3/4
- · For single action doors up to 1100 mm

Characteristics DC120

- · Can be used for left and right-handed doors
- · Suitable for fire and smoke protection doors
- Closing speed, latching speed and backcheck continuously adjustable using regulating valves
- · Thermodynamic valves for consistent performance
- · Closing force configurable
- Opening angle up to 180° (105° in mounting positi-on EN size 4)
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005







Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

The advantages at a glance	Advantages
FHSFECTIFICATIONS IN THE PROPERTY OF THE PROPE	- Compact design - Favourably priced, reliable
Builders	divide: - Quick and easy installation - Suitable for left and right handed doors
Trade	Easy to adjust Inexpensive closer model for standard doors All-inclusive package with door closer and
User	-llakgely unaffected by temperature fluctuations thanks to thermodynamic valves - Backcheck feature offers optimum protection for doors and walls



DC130



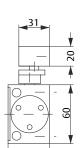
ASSA ABLOY DC130

- · Rack and pinion door closer with guide rail
- Certified in compliance with EN 1154, size
 3
- · For single action doors up to 950 mm

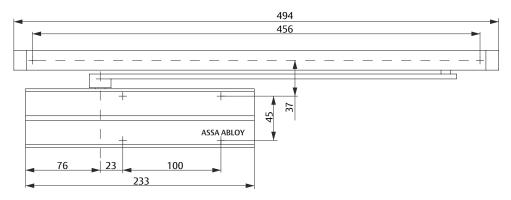
Characteristics DC130

- · Can be used for left and right-handed doors
- · Suitable for fire and smoke protection doors
- Closing speed, latching speed and backcheck conti-nuously adjustable using regulating valves
- · Thermodynamic valves for consistent performance
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005









Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

The advantages at a glance

Advantages
- Inexpensive guide rail door closer
- Compact design - Quick and easy installation - Suitable for left and right handed doors
- Easy to adjust - Inexpensive closer model for standard doors - All-inclusive package with door closer and guide
- Thermodynamic valves - Backcheck feature offers optimum protection for doors and walls

DC140



ASSA ABLOY DC140

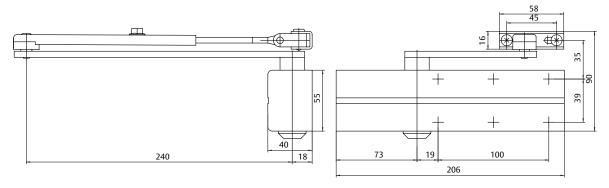
- · Rack and pinion door closer with link arm
- Certified in compliance with EN 1154, size 2/3/4
- · For single action doors up to 1100 mm wide

Characteristics DC140

- · Can be used for left and right-handed doors
- · Suitable for fire and smoke protection doors
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- · Thermodynamic valves for consistent performance
- · Closing force configurable
- · Opening angle up to 180°
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005







Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

The advantages at a glance	Advantages
ि र्ष्णुटल ्हाङ्गाङ्गार	 Compact design Modern design Favourably priced, reliable
Builders	diagle - Quick and easy installation - Can be used for left and right-handed doors
Trade	Easy to adjust Inexpensive closer model for standard doors All-inclusive package with door closer and
User	- Backcheck feature offers optimum protection for doors and walls

DC200









ASSA ABLOY DC200

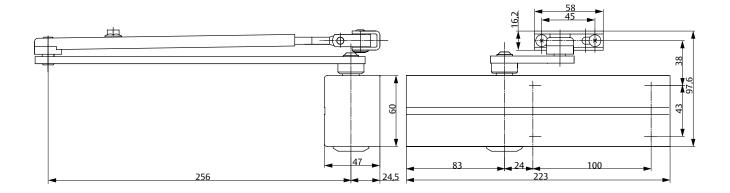
- · Rack and pinion closer with link arm L190
- Certified in compliance with EN 1154, size 2-4
- · Suitable for fire and smoke protection doors
- $\cdot\,$ For single action doors up to 1100 mm wide

Characteristics DC200

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- · Can be used for left and right-handed doors
- · Link arm height-adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- Thermodynamic valves for consistent performance
- · Variable adjustable closing force
- · Opening angle up to 180°
- Effective backcheck and latching speed range adjus-table
- · Large range of applications
- Standard colours: silver EV1; white, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005
- · Customized finishes available on request

Characteristics for hold open link arm L191

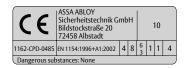
- · Hold-open angle adjustable up to 150°
- Hold-open mode can be enabled and disabled as required
- · Same installation as link arm
- Cannot be used with fire and smoke protection doors

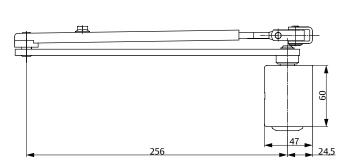


DC300









ASSA ABLOY DC300

- · Rack and pinion closer with link arm L190
- Certified in compliance with EN 1154, size 3-6
- · Suitable for fire and smoke protection doors
- · For single action doors up to 1400 mm wide

Characteristics DC300

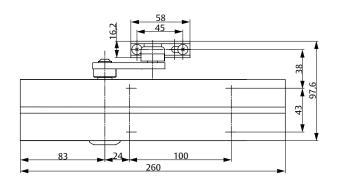
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- · Can be used for left and right-handed doors
- · Link arm height-adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- $\cdot \ \, \text{Thermodynamic valves for consistent performance}$
- · Variable adjustable closing force
- · Opening angle up to 180°
- Effective backcheck and latching speed range adjus-table
- · Large range of applications
- Standard colours: silver EV1; white, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005
- · Customized finishes available on request

Characteristics for hold open link arm L191

- \cdot Hold-open angle adjustable up to 150 $\!^\circ$
- Hold-open mode can be enabled and disabled as required
- · Same installation as link arm
- Cannot be used with fire and smoke protection doors

Characteristics for special model DC300DA

- Delayed closing adjustable from front
- · Other features as in Model DC300



DC300SC



ASSA ABLOY DC300SC

- Rack and pinion door closer with height-adjustable guide rail G195 or standard guide rail G193
 - · Certified in compliance with EN 1154, size 1-4
 - · Suitable for fire and smoke protection doors
 - · For single action doors up to 1100 mm wide

Characteristics DC300SC

- · Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors ·
- Can be used for Left and Right hand doors
- · Guide rail height-adjustable up to 14 mm
- Adjustable door speed, latching speed and backcheck from front facing regulator valves
- Thermodynamic valves for consistent performance Variable adjustable closing force
- · Opening angle up to 180°
- · Large range of applications
- \cdot Standard colours: Silver, white similar to RAL9016, brown similar to RAL8014, black similar to RAL9005 \cdot

Customized finishes available on request

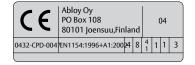
Characteristics of Guide rail G195

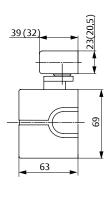
- · Height-adjustable by 2 mm for tolerance
- · Concealed fastening screws
- · Installation dimensions: see diagram

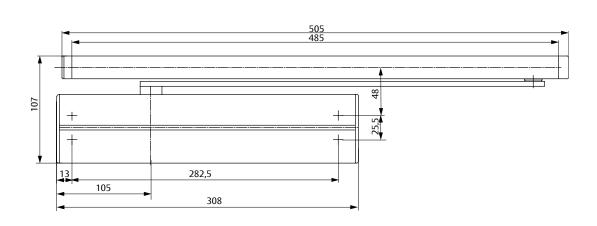
Characteristics of Guide rail G193

- · Without protective cover
- · Visible fastening screws
- Installation dimensions: see diagram (dimensions in bracket)









DC500



Abloy OY PO Box 108 80101 Joensuu,Finland

162-CPD-0464 EN 1154:1996+A1:2002 3 8 4 1 1 1 4

10

ASSA ABLOY DC500

- Door closer with Cam-Motion technology and height-adjustable guide rail G195 or standard guide gail G193
- Fulfils barrier-free building requirements (DDA/ CEN TR 15894)
- · Certified in compliance with EN 1154, size 1-4
- · Suitable for fire and smoke protection doors
- · For single action doors up to 1100 mm wide
- Can be used in four installation types: hinge and non-hinge sides in standard and frame installation

Characteristics DC500

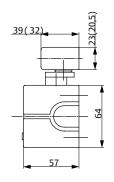
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- · Can be used for left and right-handed doors
- · Axis continuously height adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- $\boldsymbol{\cdot}$ Thermodynamic valves for consistent performance
- $\boldsymbol{\cdot}$ Variable adjustable closing force
- $\cdot\,$ Opening angle up to 170°
- Effective backcheck and latching speed range adjus-table
- · Large range of applications
- Standard colours: silver EV1; white, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005
- · Customized finishes available on request

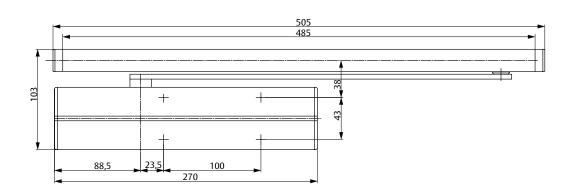
Characteristics for guide rail G195

- Height-adjustable by 2 mm for tolerance
- · Concealed fastening screws

· Installation dimensions: see diagram Characteristics of standard guide fail G193

- · Without protective cover
- · Visible fastening screws
- Installation dimensions: see diagram (dimensions in brackets)





DC700



ASSA ABLOY DC700

- Door closer with Cam-Motion technology and height-adjustable guide rail G195 or standard guide gail G193
- Fulfils barrier-free building requirements (DDA/ CEN TR 15894)
- · Certified in compliance with EN 1154, size 3-6
- · Suitable for fire and smoke protection doors
- · For single action doors up to 1400 mm wide
- Can be used in four installation types: hinge and non-hinge sides in standard and frame installation

Characteristics DC700

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- · Can be used for left and right-handed doors
- · Axis continuously height adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- · Thermodynamic valves for consistent performance
- $\boldsymbol{\cdot}$ Variable adjustable closing force
- \cdot Opening angle up to 170°
- Effective backcheck and latching speed range adjus-table
- · Large range of applications
- Standard colours: silver EV1; white, similar to RAL9016; brown, similar to RAL8014; black, similar to RAL9005
- · Customized finishes available on request

Characteristics for guide rail G195

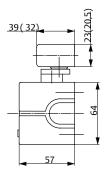
- Height-adjustable by 2 mm for tolerance
- · Concealed fastening screws
- · Installation dimensions: see diagram Characteristics of standard guide fail G193
- · Without protective cover
- · Visible fastening screws
- Installation dimensions: see diagram (dimensions in brackets)

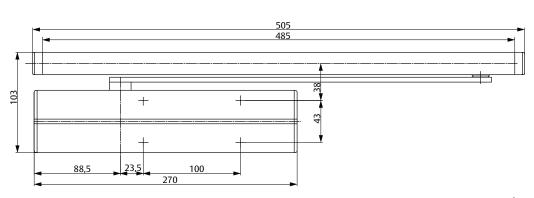




Characteristics of special model DC700AC

- $\cdot\,$ Opening angle of 180° for standard installation on hinge side
- $\cdot\,$ Other features as in Model DC700





DC860





ASSA ABLOY DC820

- Concealed door closer with rack and pinion technology and guide rail
- Certified in compliance with EN 1154, selectable size 2 or size 3
- · Suitable for fire and smoke protection doors
- · For single action doors up to 950 mm wide

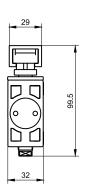
Characteristics DC820

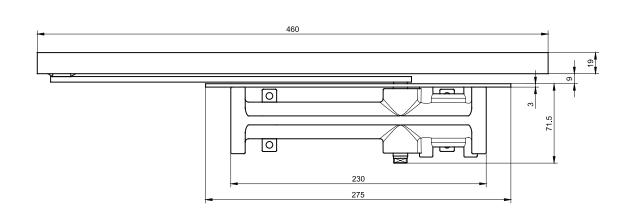
- $\boldsymbol{\cdot}$ Can be used for left and right handed doors
- · Useable opening angle up to 150°
- Closing speed and latching speed adjustable from top via regulating valves
- · Back-check (available upon request)
- · Hold-open angle adjustable up to 150°
- · Colour: sliver EV1











DC477

ASSA ABLOY



ASSA ABLOY DC477

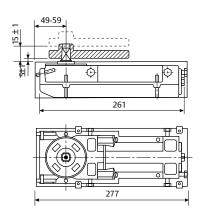
- Floor spring with adjustable closing force for large and heavy doors
- · Certified in compliance with EN 1154, size 2-4
- · Suitable for fire and smoke protection doors
- $\cdot\,$ For double and single action doors up to 170 kg

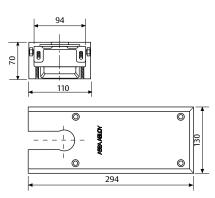
Characteristics DC477

- From 175° in both door swing directions with hyd-raulic control from 150°.
- Two thermodynamic valves for consistent performance.
- Adjustable closing speed and latching speed from top regulating valves.
- · Back check effect.
- · Cast iron body.
- $\boldsymbol{\cdot}$ Cement box in hot zinc plated.
- Interchangeable spindle from 0 to + 30 mm.
- \cdot Available without hold open, with hold-opening angle 90° and 105°.







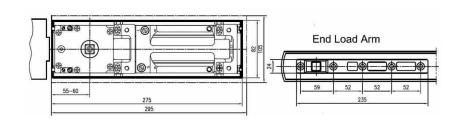


FS75B

Double Action Floor Spring







Application:

- Mounted within the floor
- For both timber and metal doors, and glass doors with or without frame
- Double Action (opening in both directions)

Finish:

SS - Satin Stainless Steel

Standards:

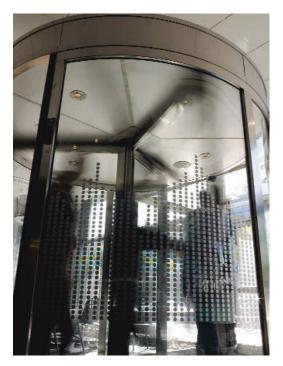
- 3rd party tested to EN 1154
- EN 1634
- Certificate Number: 0432-CPD-0047 381/6113

Specification:Cast aluminium alloy body

- Adjustable power size 1-4
- Adjustable loose box suitable for concrete floors
- Fully reversible for both left or right handed doors
- Dual valves adjust closing and latching speeds
- Interchangeable pivot meets the needs of different countries
- Maximum opening angle of 180°
- Hold open angle of 90°
- Double action variant suitable for use as single action
- Available in SS finish

Door Automatics





Revolving Door Solutions

The best solution when the interior environment is a priority. Besam revolving doors come in two-, three- and four-wing models that offer an impressive appearance while effectively separating indoor and outdoor climates.

Balanced Automatic Door Systems

This door system is integrated into the door leaf, making it a perfect solution for narrow passages or in corridors. Very effective in windy conditions, it combines the benefits of swing and sliding door systems.



Sliding Door Solutions

Besam's sliding door systems are supplied as a complete package and are especially appropriate for environments with high traffic flow, as well as in entrances and exits that must accommodate customer trolleys.



Curved Automatic Door Systems

The Curved sliding door produces an impressive and elegant entrance in three dimensions, with depth in addition to width and height.



Security Doors



<u>Products</u> Personnel Doors

A complete range of single and double leaf door sets designed to satisfy the varied requirements of general purpose internal and external applications with polyester

powder coating finish to any RAL color





Fire Doors

Prometal provide a wide range of Fire Proof Doors available with a variety of configuration and vision panel options, tested by Underwriters Laboratories Inc. (UL) reference no.R25511 and R25546and Warrington Certificates (BS) reference no ME 0085 to suit Staircase, Corridor, Service rooms, Entrance etc.







Insulated Doors

Full range of insulated doors 30 & 60 min up to 2 hours fire rated. Designed to suit the Power Substations, Cold Stores, Heat transfers applications and other similar locations.





Clean Room **Doors**

Flush door sets has no visible construction lines and therefore allow a totally clean surface which reduces particle contamination for clean room environments to suit Hospital, Laboratory and other clean environment locations.







Acoustic Doors

A complete range of single and double door sets to suit performance requirements up to RW53 and 120 min fire integrity to suit Cinemas, Studios, Mechanical Rooms, Generator Rooms and other sound polluted rooms.





Security Doors

Security from intruder attack is gained through the addition of a range of features, designed in conjunction with Police, Insurance and various Government bodies suitable for Banks, Police Stations, Server room and other similar secured rooms.







Bullet Resistant Doors & Windows

These doors are secured from ballistic attack yet have appearance of standard hollow metal products. Our complete range of bullet resistant products are readily available and can be furnished with factory installed bullet resisting glazing.





Fire Glazed Doors, Windows & Screening

Screens are designed to satisfy fire protection, security considerations and protect against the influences of weathering. It satisfies the most stringent requirements for technical functionality and extreme continuous stresses.



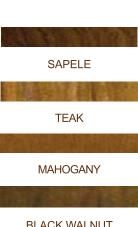


Used for main entrance, corridors, stairs, service areas... Fire rated from 30 to 120 minutes, manufactured according to BS 476 part 22, certified by BM Trada and Civil Defense

High quality raw material is used in our production. Different types of quality wood and veneers are available from beech, teak, mahogany, wallnut, maple, sapele, oak, cherry, MDF... Severe controls are applied systematically in order to deliver high quality products. Convenient packaging is adapted to avoid any transportation damage.











WHITE OAK

Commercial	al Solutions			Of	Office E	Blocks,		Public Bu	Buildings,	G	overnment	nmer		Buildings,		Banks				ASSA ABLOY	
PRODUCT	DESCRIPTION	BRAND	SINGLE DOOR	DOUBLE DOOR	ALUMINIUM ENTRANCE DOOR	LUMINIUM OFFICE DOOR (90mm stile)	LIMBER OFFICE DOOR	EMERGENCY ESCAPE DOOR	IKE DOOK EWEKGENCA E2CAPE DOOR (Double)	FIRE DOOR (Self closing FD)	FOILET ENTRANCE DOOR	N/C WITH DEADBOLT	N/C WITH LEVER HANDLE	TIMBER PASSAGE DOOR	ALUMINIUM PASSAGE DOOR OUCT DOOR	STORE ROOM	яоод эліріле дэтамотия	STRONG ROOM / BULLETPROOF	SECURITY DOOR	COMMENTS	Page No.
LHT-RR-001-22-SSS*	on rose 22mm	UNION	1	-	-	-	Ļ		-	╀	-	١	-	╀	-	Ļ	1	S	1	See catalogue for additional options on rose Pg.7	7
QDP-001-SSS*	andle on plate 152x152x22mm	NOINO	1			<u> </u>	•		<u> </u>	_		$oxed{T}$	-	_	<u> </u>						7
PHC-BB-300-32-SSS	Pull handle crancked 300x32mm	UNION	1	2	•									•							19
PHD-BB-300-32-SSS		UNION	1	2	H	•						\prod			H						19
PHP-400-100-SSS	:00mm	NOINU	7	4		<u> </u>			•	•	•	=		<u> </u>	<u> </u>						19
PHD-CF-152-19-SSS		NOINU	7	2		<u> </u>			<u> </u>	-				<u> </u>	•						19
PHT-BB-CR-400-32-SSS	ıked 400x32mm	NOINO	7	7		<u> </u>				-		=		<u> </u>	<u> </u>						19
PUSH-400-100-SSS	100x100mm	NON	7	2		1			•	•	•		1	+	\dashv						41
HNFL-403030-SSS		NOINO	m (9		•	\perp		+			•	•	•	•	_					44
HN-28B-403030-55		NOINO	י ת	, و	+	+	•	•	•	•	•	_	+	•	+	•			$\frac{1}{1}$		30
QD35X85MM-55	: 35mm backset	NOINO	7	1	•	+	\perp		+	\perp		\top	+	+	+	_					28
PZ-05SS	Narrow stile profile escutcheon	NOINO	7 (•	+	\perp		+	\perp		\top	+	+	+	_	•				42
ES-P-EP-UI-SS	Sommoreial lock and latch & dougholt EEmm BC	NONO NO NO NO NO NO NO NO NO NO NO NO NO	7 6		+	+	<u> </u>	#	•	+	1	_	+	•	+	<u> </u>	1		+		26
112C213-3333			7 7			<u>. </u>	•		'	+			+	·	+	•					20
11.20255-3333	Commercial lock case emergency nitelatch	NO NO	7 1		+	<u>' </u>	_	<u> </u>	<u>' </u>	+		\dagger	+	+	+						28
JL2C26S-SS55	45	NONO	1			+	_	<u> </u>	+	\perp		_	+	+	+			T	+		28
JL2C27S-SS55		NONO	1			+			<u> </u>	_		+	1.	+	_						28
J2X18SCMKD*	<i>F</i>	NOINO	1		•	•	_	$oxed{T}$	•	_		\int	+	•	1.	_	•	T	Ï	igh security & Different Length options available on request.	40
J2X19SCMKD*		NOINO	1			•	•												Ϊ	High security & Different Length options available on request.	40
J2X20SCMKD*	Profile single cylinder master keyed	UNION	1			\vdash										•			Hi	igh security & Different Length options available on request.	40
DS-F-01-SSS	Halfmoon door stop SS	NOINO	1	2	•	•	•				•			•		•					42
CH-39-SSS	pa	UNION	1		\dashv	\dashv	\dashv			_		•	•	\dashv	-						42
DB-06-200-SS		NOINO	1	1	+	+	+		•	1				\dashv					μ i	ush bolts only applicable on double door configurations	42
DB-06-300-55 DBS-02-888	m	NOIN O		1	•	• •	• •		• •					• •						Flush bolts only applicable on double door configurations	42
DS-76D-SSS*	Indicator signage SS	NOINO	1	7 2	,						٠				•					מזון במניז מוול מללווניתבור מון מסמבור מסט במולולמן מנומון	42
ES-CFP-90-SSS	handle 90mm	UNION	1	2								•									42
ES-ER-TT-SSS	Indicator & Tumbturn on rose	NOINO	1		-	_	_		<u> </u>	_		•	•	_	_	_					42
IB-04-SSS	WC cubicle lock SS	NOINO	1									•									42
KP-800-200-SSS	00ss	UNION	2	4							•					•					41
RC-02-SSS	Adjustable rollerball catch	UNION	1		•	•									•						42
DC200		ASSA ABLOY	I	2		\dashv					•		\dashv	•							51
DC300	Rack & Pinion door closer EN3-6	ASSA ABLOY	I	2		\dashv							\dashv	\dashv				•			51
DC500*	Cam motion door closer EN1-4	ASSA ABLOY	1	2				•	•										Hc	old open and dampner options available on request	51
DC700		ASSA ABLOY	1	2	\dashv	\Box				•			\dashv	\dashv	\square				HC	Hold open and dampner options available on request	51
DC477*		ASSA ABLOY	1	7	•	•	4	1		+				$\frac{1}{1}$	-				P0	or hold open function please specify DC477HO*	51
1910809PP	0.	TESA	1			+	\perp	•	1	\downarrow		$\frac{1}{2}$	+	+	$\frac{1}{1}$				+		46
1920809PP	nulti point panic exit device	TESA	1			-			•					+					•		46
J-OADL805N-SIL*	r handle	ONION	7	,		+		•	•	+		_	+	+	+		,		ς γ	oecify separate single cylinder for key operation.	46
SLSUU"	lor	BESAIVI	7	7		+	_			\perp		_	+	+	+		•	,	A G	uto aoor control supplied without the aoor ledjs.	70
PROME IAL DOORS LOCKWOOD DOORS	Bulletproof & speciality doors Wood veneer & Laminated doors NA	PROMETAL	1	1	+	+	+	\pm	+	+	$\overline{\perp}$		+	+	+	_	\perp	•	• St	Powersniela quotea on request, special oraer requirement. Standard door sizes apply, supplied complete with frame.	<i>99</i>
			1		1		1	1			1		1	1	1						

Terminologie

2 1 2 2 2	
Bathroom Lock	A lock that has a latch
	bolt operated from both
	sides by handles, and a
	deadbolt operated from
	the inside only by means
	of a thumb turn, usually
	with provision for
	emergency opening from

the outside.

Bored latch set

A fastener that comprises an integral assembly of door furniture with a tubular latch

Bored lock set an integral assembly of door furniture with a tubular lock

Part of a lock or latch in which the lock mechanism or latch action is housed

Cylinder

A device, usually separate from, but engaging with its associated lock or latch, that contains the differs

Cylinder latch

A latch in which the latch action is operated by one or more cylinders

Cylinder lock

A lock in which the lock mechanism is operated by one or more cylinders

Dead bolt

A bolt that is operated in both directions by a key and/or thumb turn

Bolt

Moveable part of a lock or latch that usually engages a component fixed to a frame that is withdrawn into the case.

Cylinder night latch

A nightlatch that is operated by the rotation of a key in a cylinder

Deadlock

A lock that contains only a deadbolt

Differ

Variation between mechanism combinations in locks, or cylinders, of similar design which allows each lock, or cylinder, to be operated by its own key and, in certain circumstances, by a master key.

lerminologies

Follower	Part of latch action that withdraws the latch bolt	Forend	Part of the case through which the bolt or bolts protrude
Key	A device that is removable and portable and is used to operate a fastener	Latch action	Arrangement and performance of the constituent parts that operates a latch bolt
Latch bolt	The bolt, of a lock or latch, that is held in its extended position by a spring	Lock	A fastener that combines in one case a latch bolt operated by handles and a deadbolt operated by a key or other device.
Mortice lock	A lock for fixing in a mortice cut into the closing edge of a door or window.	Multi point loclk	A lock that has a latch bolt and a number of other bolts, positioned remote from, but connected to the lock case
Night latch	A latch with a latch bolt that is operated internally by a handle and externally by a key	Rim lock	A lock for fixing on the face of a door leaf
Sash lock	Another name for a upright mortice lock.	Striking plate	A component, usually of a mortice lock or a mortice latch, fixed in a frame to engage a bolt

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

ASSA ABLOY Nigeria

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