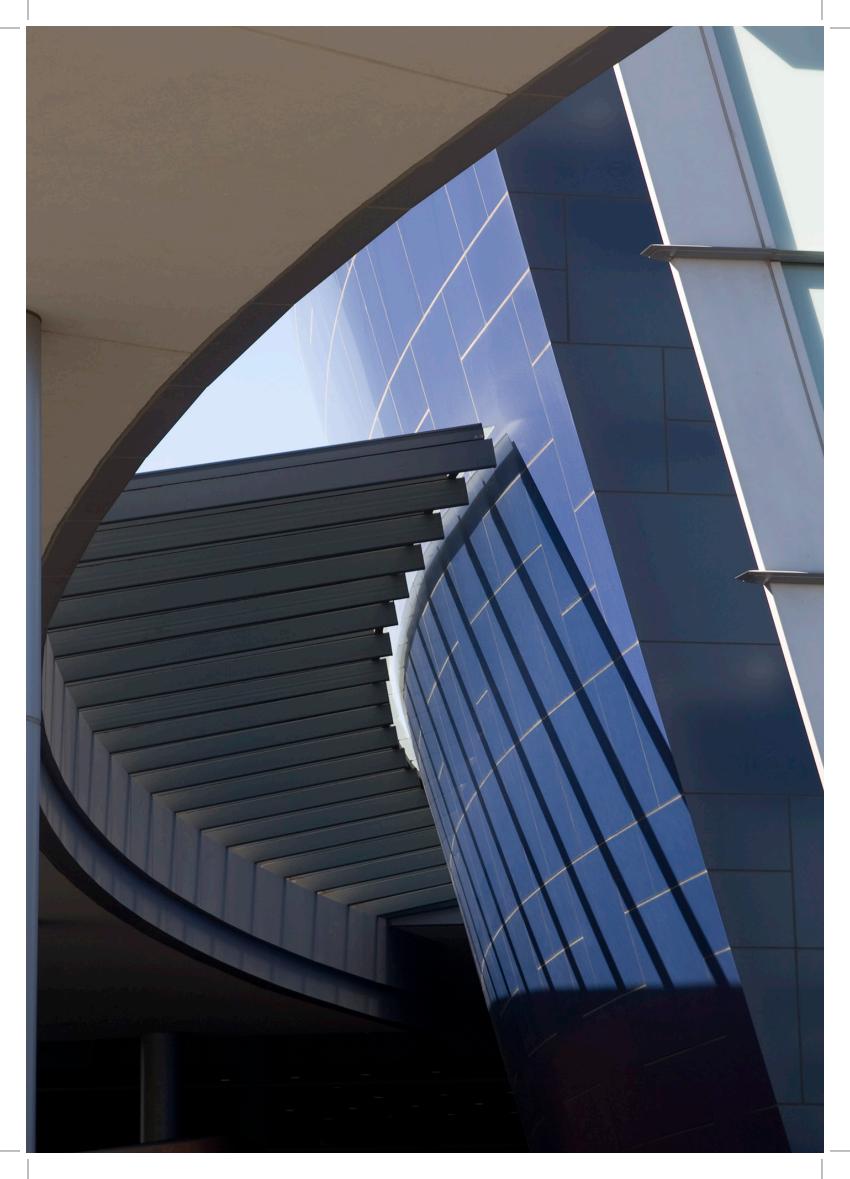
Global solutions on your doorstep ASSA ABLOY

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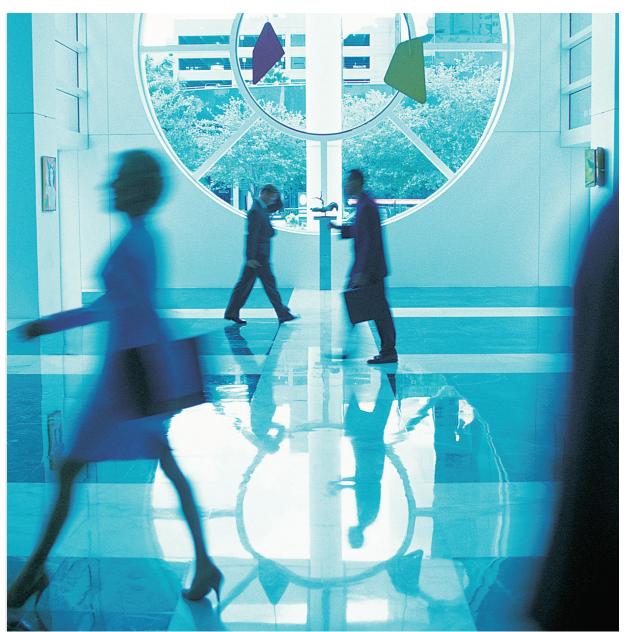


The ASSA ABLOY Group World leaders in door opening solutions

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

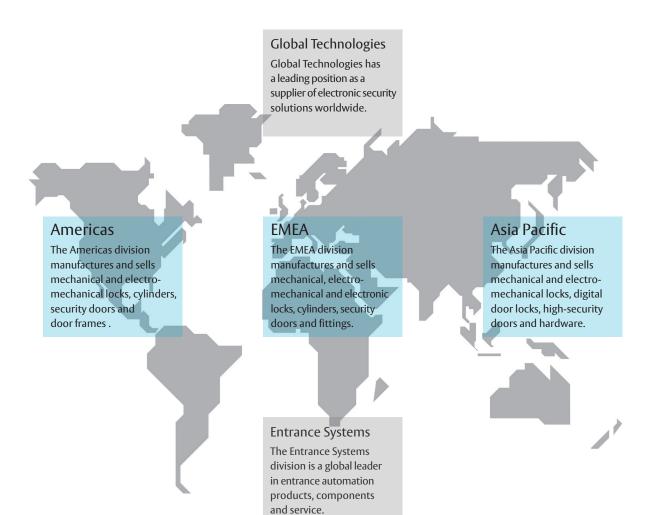
With over 150 companies operating in more than 40 countries, the Group is the strongest global player in the industry with circa €6 billion sales worldwide. Today ASSA ABLOY is the leading global supplier of intelligent lock and security solutions. Its products account for more than one in ten of all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



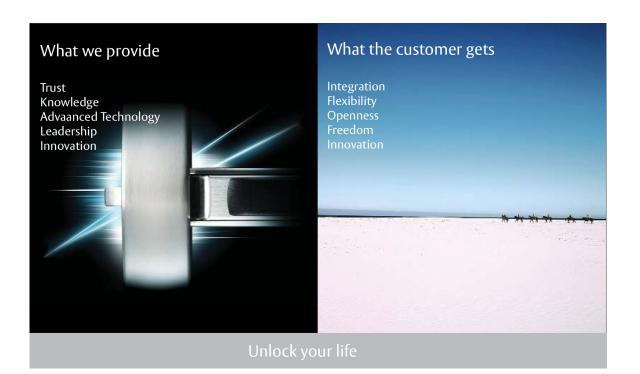
The ASSA ABLOY Group A world of expertise

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

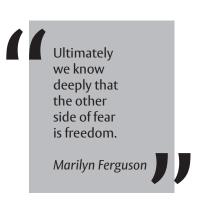
Life in the 21st century is based on a contradiction. Never have there been more opportunities or freedoms for people. Never have there been more fears and insecurities that can potentially block the expression of those freedoms. Therefore, in order for each of us to realize our potential, we must first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

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

guarantees, training, electronic communicatio 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 Along with designing buildings to meet end-user needs, architects play an important role in the specification and selection of well-designed

security solutions.

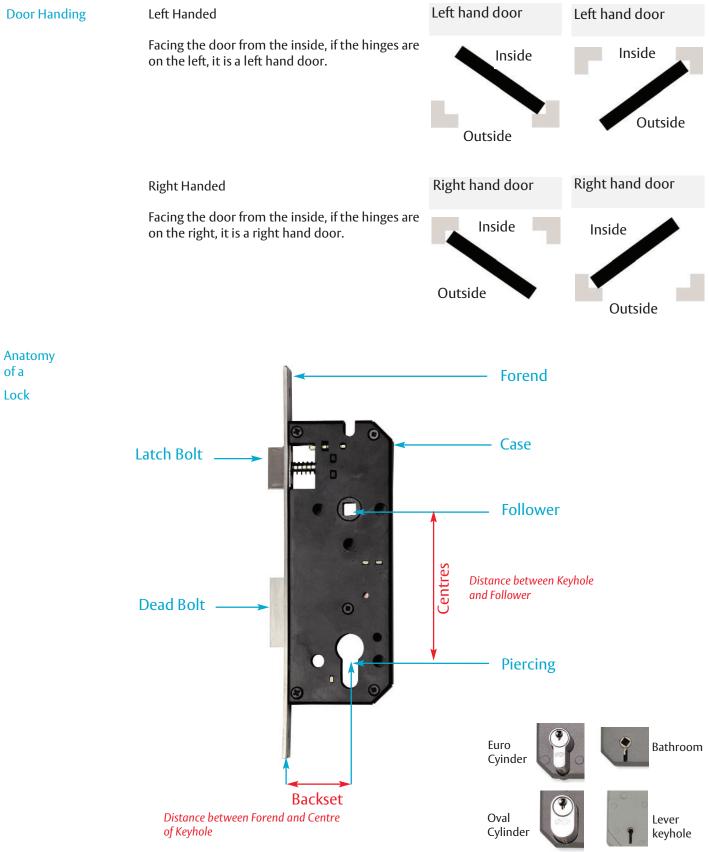
ASSA ALBOY's plan is to build quality, long-term relationships with architects, design professionals and security consultants based on trust, professionalism and integrity.

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.



Contents

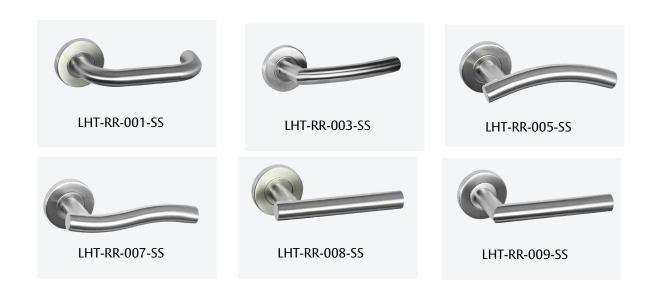
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ASSA ABLOY | 6

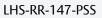


Tubular Stainless Steel Series











LHS-RR-140-PSS



LHS-RR-151-PSS



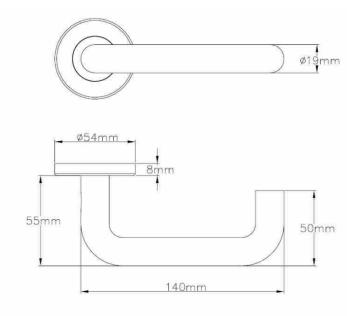
LHS-RR-143-PSS



LHT-RR-001-PSS







Application

- For wooden doors between 32-50mm thick
- Suitable for metal doors Special fixing
- screws required19mm 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

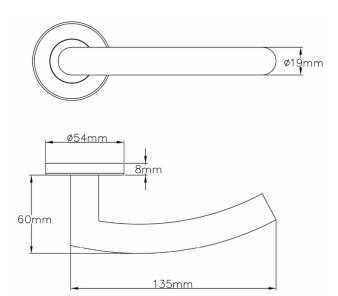
Specification

- 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 interstreet on rose upon request
- Atsodatiable 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 4

Specification:

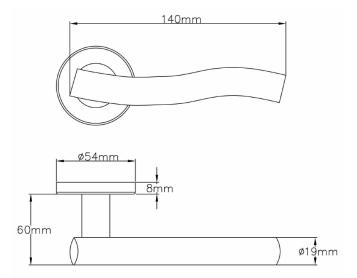
- Manufactured from Grade 304 stainless steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Also available in PVD (PB)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

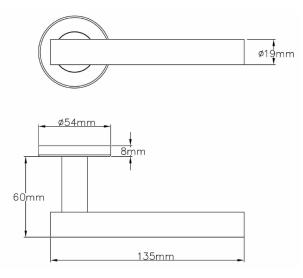
- Manufactured from Grade 304 stainless steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

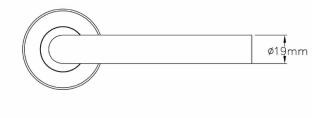
- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

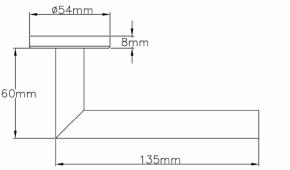
- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



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:

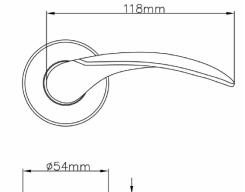
- Manufactured from Grade 304 stainless steel
- Handle Length: 135mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

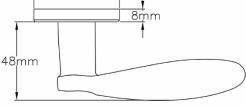
- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



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:

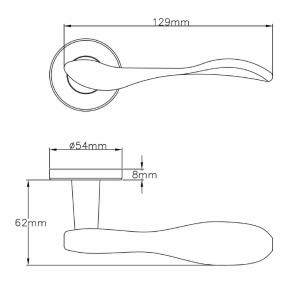
- Manufactured from Grade 304 stainless steel
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

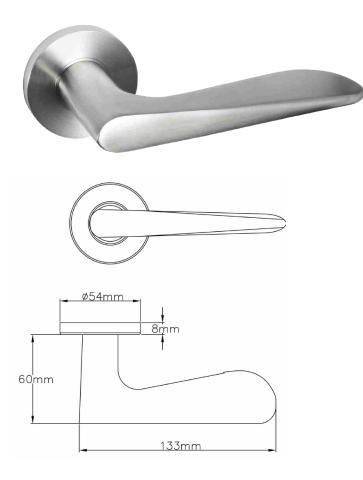
Specification:

- 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:

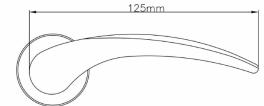
- Manufactured from Grade 304 stainless steel
- Handle Length: 145mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

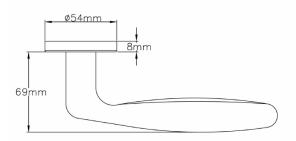
- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



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:

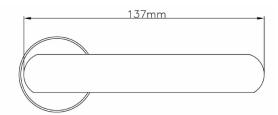
- Manufactured from Grade 304 stainless steel
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available in SS finish as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

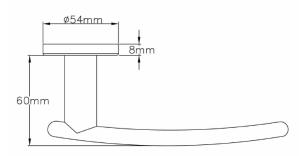
- SS Satin Stainless Steel
- PB PVD
- PS Polished Stainless Steel



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







Sena AISI 316L

The pack with a rosette includes

TESA



» 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 8x105mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available

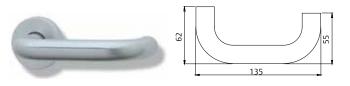
The pack with a squared plate includes

» 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.

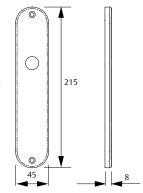
Functions

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

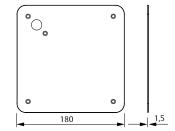
Rosette	Product code	Finishes
Rosette	MS5R800	IS16 (includes through bolts)
Rosette	MMTFR800	IS16 1/2 Fixed knob + CUADRAE
Rosette	MSTFR800	IS16 1/2 Fixed knob + CUADRAE + 1/2 Sena
Rosette	MTF5R800	IS16 Double Fixed knob + 2 CUADRAE
Long plate	Product code	Finishes
Passage	MS5L800	IS16 (no through bolts 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)











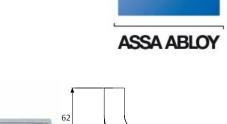




Vector AISI 316L

The pack with a rosette includes

TESA



» 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

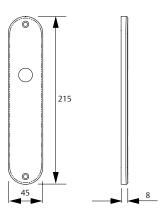
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

Functions

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

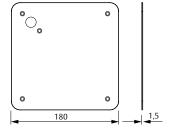
Rosette	Product code	Finish
Rosette	MV5R800	IS16 (includes through bolts)
Rosette	MVTFR800	IS16 1/2 Fixed knob + CUADRE + 1/2 vector
Long plate	Product code	Finish
Passage	MV5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MV0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MV0L870	IS16 (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)





120







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

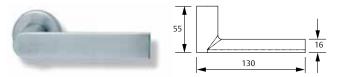
The pack with a squared plate includes

» 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.

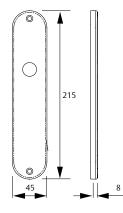
Functions

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

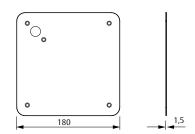
Rosette	Product code	Finish
Rosette	MX5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MX5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MX0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MX0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MX0L872	IS16 (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)
	NI/LE005	15 TO (TIO UTIOUgh Doits included)
Square plate	Product code	Finish
		, , ,
Square plate	Product code	Finish
Square plate Passage	Product code MX5C800	Finish IS16 (includes through bolts)
Square plate Passage Cylinder at 47 mm	Product code MX5C800 MX0C847	Finish IS16 (includes through bolts) IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mm	Product code MX5C800 MX0C847 MX0C870	Finish IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Square plate Passage Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm	Product code MX5C800 MX0C847 MX0C870 MX0C872	Finish IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mm	Product code MX5C800 MX0C847 MX0C870 MX0C872 MX0C885	Finish IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mmDeadbolt at 47 mm	Product code MX5C800 MX0C847 MX0C870 MX0C872 MX0C885 MX3C847	Finish IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mmDeadbolt at 47 mmDeadbolt at 70 mm	Product code MX5C800 MX0C847 MX0C870 MX0C872 MX0C885 MX3C847 MX3C870	Finish IS16 (includes through bolts) IS16 (includes through bolts)













Zafira AISI 316L

The pack with a rosette includes

» A set of handles with an internal plate and a cover, a **BwhQsp**indle, 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.

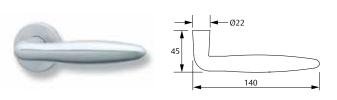
The pack with a fixed knob includes

» 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.

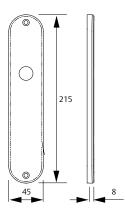
Functions

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

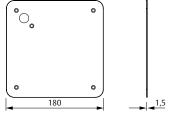
Rosette	Product code	Finish
Rosette	MZ5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MZ5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MZ0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MZ0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MZ0L872	IS16 (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
	110duct couc	FINISN
Passage	MZ5C800	IS16 (includes through bolts)
Passage Cylinder at 47 mm		
	MZ5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MZ5C800 MZ0C847	IS16 (includes through bolts) IS16 (includes through bolts)
Cylinder at 47 mm Cylinder at 70 mm	MZ5C800 MZ0C847 MZ0C870	IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm	MZ5C800 MZ0C847 MZ0C870 MZ0C872	IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm	MZ5C800 MZ0C847 MZ0C870 MZ0C872 MZ0C885	IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm Deadbolt at 47 mm	MZ5C800 MZ0C847 MZ0C870 MZ0C872 MZ0C885 MZ3C847	IS16 (includes through bolts) IS16 (includes through bolts)
Cylinder at 47 mm Cylinder at 70 mm Cylinder at 72 mm Cylinder at 85 mm Deadbolt at 47 mm Deadbolt at 70 mm	MZ5C800 MZ0C847 MZ0C870 MZ0C872 MZ0C885 MZ3C847 MZ3C870	IS16 (includes through bolts) IS16 (includes through bolts)

















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.

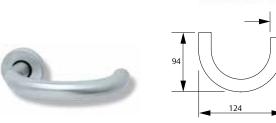
The pack with a squared plate includes

» 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.

Functions

- » 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)
Deadboil at 05 mm	MISELEOOD	is to (no unough boits included)
Square plate	Product code	Finish
		,
Square plate	Product code	Finish
Square plate Passage	Product code MSE5S800	Finish IS16 (includes through bolts)
Square plate Passage Cylinder at 47 mm	Product code MSE5S800 MSE0S847	Finish IS16 (includes through bolts) IS16 (includes through bolts)
Square plate 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)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mm	Product code MSE5S800 MSE0S847 MSE0S870 MSE0S872	Finish IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts) IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mm	Product code MSE55800 MSE05847 MSE05870 MSE05872 MSE05885	Finish IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mmDeadbolt at 47 mm	Product code MSE55800 MSE05847 MSE05870 MSE05872 MSE05885 MSE35847	Finish IS16 (includes through bolts)
Square platePassageCylinder at 47 mmCylinder at 70 mmCylinder at 72 mmCylinder at 85 mmDeadbolt at 47 mmDeadbolt at 70 mm	Product code MSE55800 MSE05847 MSE05870 MSE05872 MSE05885 MSE35847 MSE35847 MSE35847	Finish IS16 (includes through bolts) IS16 (includes through bolts)

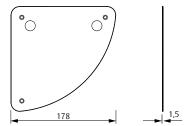


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Cubo AISI 316L

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.

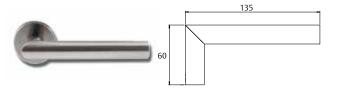
The pack with a squared plate includes

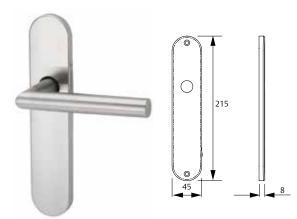
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

Functions

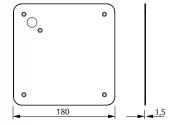
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

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

» 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

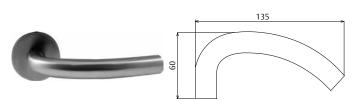
» A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

Functions

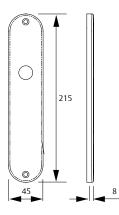
- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

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)

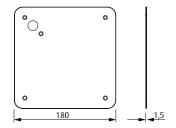












Stainless Steel Pull Handles

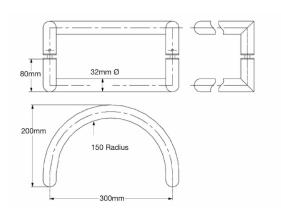






PHD-**BB-300-32** Back to Back Pull Handle





- 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:

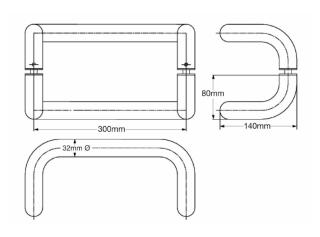
- BS EN 1634 Part 1: 2000 assessed for use • on 60 minute timber fire doors
- Cycle tested to 200,000 cycles ٠
- Corrosion testing 96 hours EN 1670 ٠ Grade 3

- Manufactured from Grade 304 steel •
- Handle Diameter: 32mm •
- ٠ 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 ٠

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

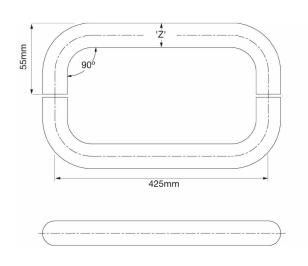
- Specification:Manufactured from Grade 304 steel
- Handle Diameter: 32mm ٠
- Handle Length: 300mm •
- Available in SS finish as standard
- Also available in PS finish upon request •



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 ٠
- Corrosion testing 96 hours EN 1670 • Grade 3

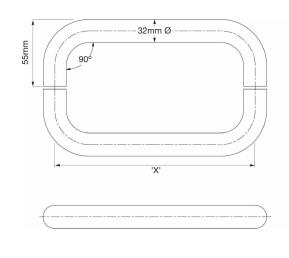
- Manufactured from Grade 304 steel
- Handle Diameter: 19 or 22mm •
- Handle Length: 225mm, 300mm, •
- Available in SS finish as standard •
- Also available in PVD (PB) and PS finishes • upon request



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 ٠ on 60 minute timber fire doors
- Cycle tested to 200,000 cycles •
- Corrosion testing 96 hours EN 1670 ٠ Grade 3

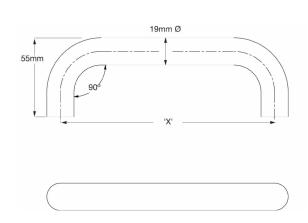
- Specification:Manufactured from Grade 304 steel
- Handle Diameter: 32mm •
- Handle Length: 300 ٠
- Available in SS finish as standard •
- Also available in PVD (PB) and PS finishes • upon request



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

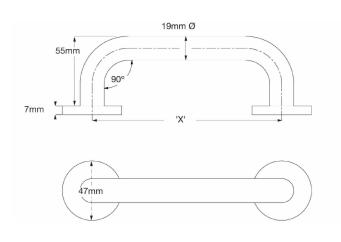
- Manufactured from Grade 304 steel
- Handle Diameter: 22mm
- Handle Length: 150, 225, 300
- Available in SS finish as standard
- Also available in PVD (PB) and PS finishes upon request



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:

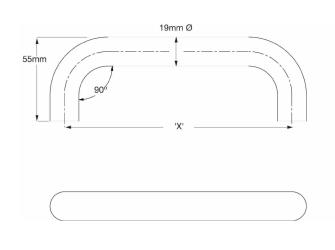
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing 96 hours EN 1670 Grade 3

- 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:

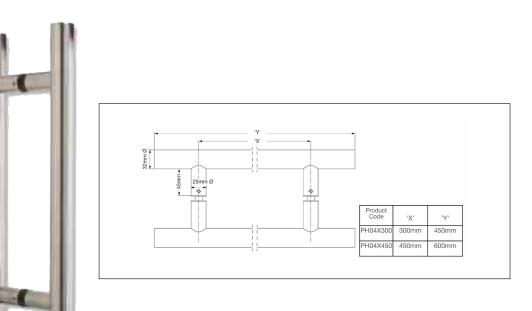
- BS EN 1634 Part 1: 2000 assessed for use ٠ on 60 minute timber fire doors
- Cycle tested to 200,000 cycles ٠
- Corrosion testing 96 hours EN 1670 ٠ Grade 3

- 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 ٠ 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 ٠
- Corrosion testing 96 hours EN 1670 ٠ 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





2B21Euro Profile Mortice Sashlock



2B27Euro Profile Mortice Bathroom Lock



2C23 Mortice Latch



L2C26Euro Profile Mortice Escape Sash Lock



2B22Euro Profile Mortice Deadlock



L2C21Euro Profile Mortice Sash Lock



2C27Mortice Bathroom Lock



2B23Euro Profile Mortice Latch



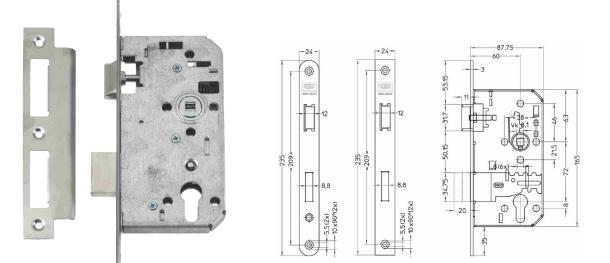
L2C22Euro Profile Mortice Deadlock



L2C25Euro Profile Dead Locking Mortice Night Latch

2B21 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:

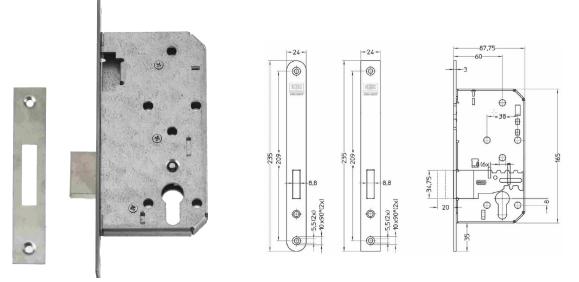
- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1^o 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)

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 of
 BS8300 and Approved Document M (ADM)
- 5 year guarantee

2B22 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:

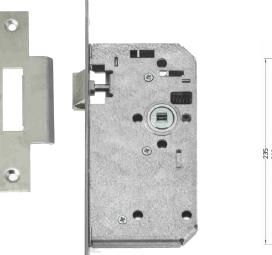
• SS - Stainless Steel

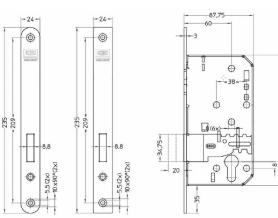
Specification:

- 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 1° 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)
 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 of
 BS8300 and Approved Document M (ADM)
- 5 year guarantee

2B23 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:

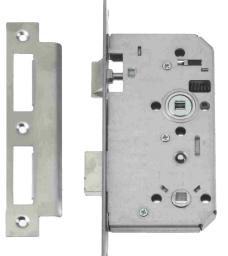
- Profiled latch bolt for smooth and positive engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1° 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

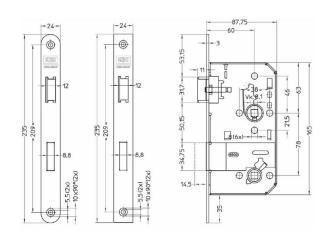
Standards:

- 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 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

2B27 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:

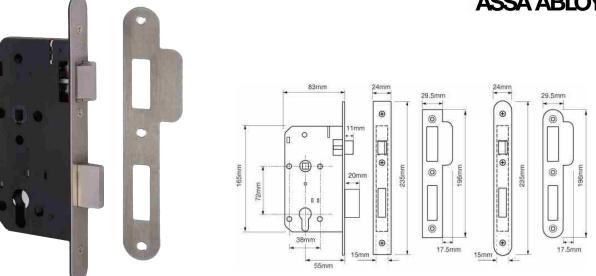
SS - Stainless Steel

Specification:

- 5mm 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 1° 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
 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 of
 BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C21 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:

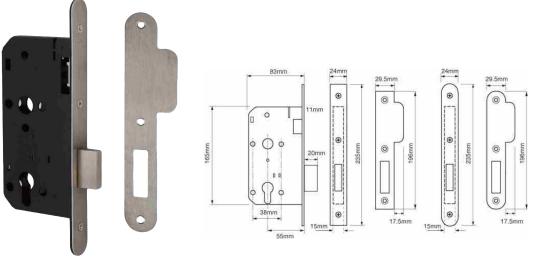
- Modular case range
 - European style casing with 72mm centres which accommodates most euro profile cylinders
- Deadbolt locked by cylinder key or turn
- Double throw 20mm deadbolt throw when key is turned twice
- Pierced to accept security rose fixings
- Available with radiused (R) or square (S) forend 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

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 of
 BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C22 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:

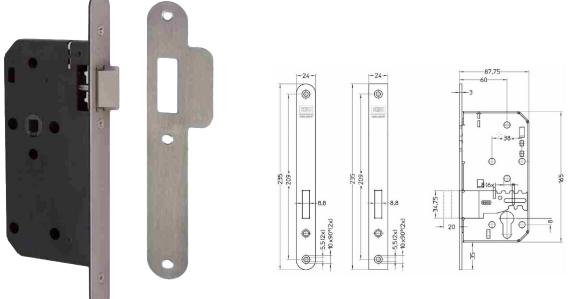
- 5mm spindle adaptor supplied for the bathroom furniture
- Profiled latch bolt for smooth and positive-engagement during operation
- Single piece forend for quick and easy installation
- Easily reversible latch bolt
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike
- 3 part follower provides spindle grip feature to reduce rattle and provide positive operation
- Positive 1° 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

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 of
 BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C23 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

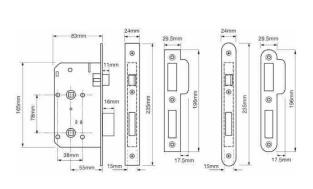
Specification:

- 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 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 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C27 **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

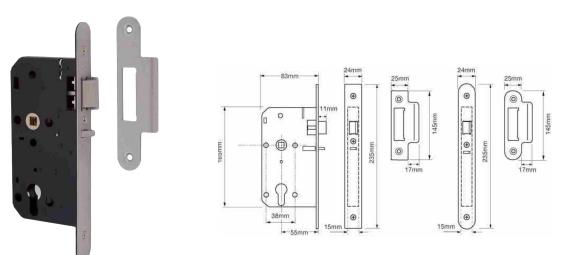
- Single throw deadbolt 16mm throw with separate turn from inside
- Deadbolt locked or unlocked by separate privacy turn from the inside
- Latch bolt withdrawn by lever handle from either side
- Easily reversible latch bolt
- Pierced to accept bolt through furniture
- Suitable for unsprung lever furniture up to a maximum weight of 0.75kg 5mm spindle adaptor supplied
- 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 ٠
- 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 of BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C25 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 privacy turn/release
- Suitable for sprung and unsprung lever furniture

Finish:

• SS - Stainless Steel

Specification:

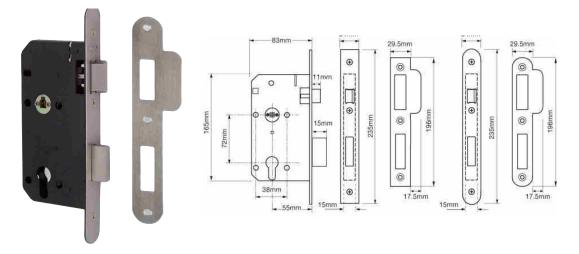
- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Key operation from outside of the door and single handle operation from inside
- Pierced to accept bolt through furniture and security rose
- Latch bolt is automatically locked against end 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

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
 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

L2C26 Euro Profile Deadlocking Mortice Escape Sash Latch





Application:

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

Finish:

F

• 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 of
- BS8300 and Approved Document M (ADM)
- 5 year guarantee

Masterkeying

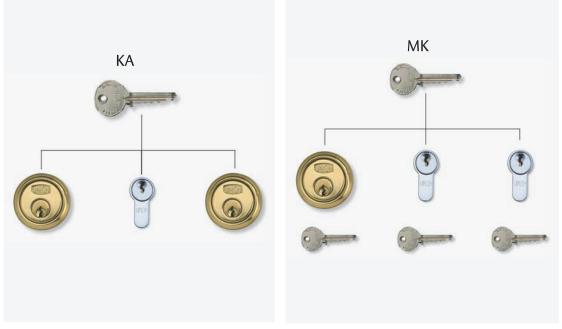
Keyed Alike

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.



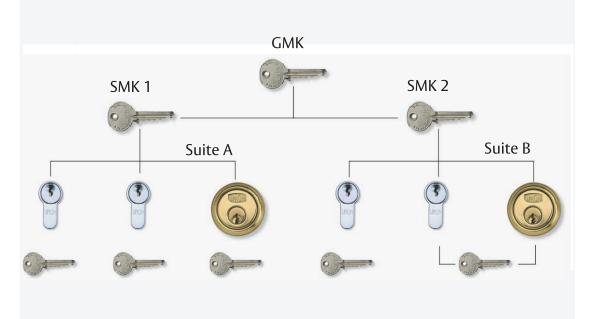


Grand Master Key

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











CY-KE-EP-TK-70-SNP

CY-KE-0K-45-SNP





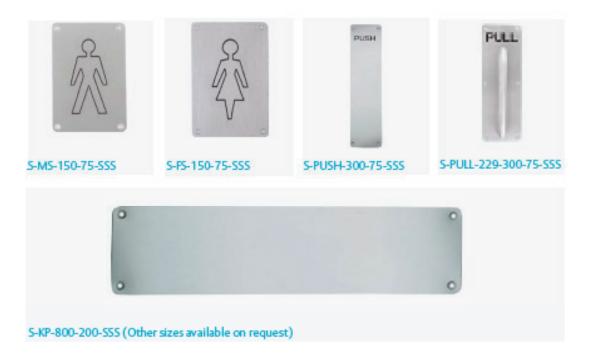
Y-RP-EP-TK-70-SNP

CY-RP-EP-KK-70-SNP

Plates and signages







Accessories



Door Stops & Coat hooks



Escutcheons



ES-EP-01-SSS

ES-OP-02-SSS



ES-KH-04-SSS



ER-TT-SSS



J100LTD

Accesories





Others



DG-010-SSS

DV-200-SSS

0-



ES-FP-SS



IB-002-SSS





DB-001-200-SSS

Architectural Hinges







HN-RH-403030-LH/RH-SSS





HN-RH - 403030



HN-SA - 403030

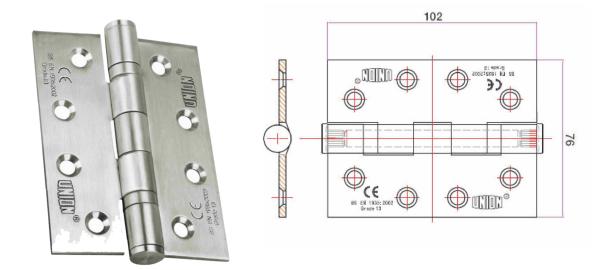
HN-DA - 403030

ASSA ABLOY | 44

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 32to- 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:

Auxiliary locks, covers, and vertical	Horizontal bar								
rod devices	Р	V	R	N	C	I	LT	В	
Ν		•	•	•	•	•			
S					•	•			
l						•			
Р	•								
LT							•		
С					•				
В								•	

N: black (RAL 9005) V: green (RAL 6002) R: red (RAL 3000) P: silver (RAL 9006) B: white (RAL 9010) S: satin (nickel plated) LT: brass C: chrome I: stainless (AISI304) Finishes examples: NV: black - green II: stainless - stainless LT: brass - brass

....







Narrow support pieces

Reversibility



Adjustment

Push type panic exit devices



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	I
1910	90	8	Р	Р
1910	90	8	LT	LT

Product code example: 1910908NV, 1910908SI

Special model: 191E

»	Rim	version	1	locking	point -	wide
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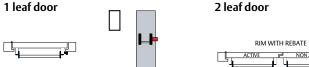
cover

Model	Bar length	Squared spindle mm	Squared spindle mm	Bar finish
191E	90	8	Negro	V / N / R

Product code example: 191E908NV

Configuration





Door congiguration for 1910 and 191E models

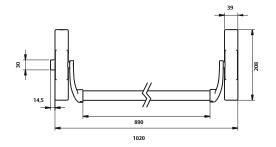
Outside device		Blind plate	Euro profile	Lever handle with euro-profile	Lever handle	Pull knob with	Modular lever handle
No outside opening		•	p	with euro-profile		euro-profile	•
Free passig door					•		•
Collin de al la al lin a	Knob / lever handle opening			•			•
Cylinder looking —	Key opening		•			•	•

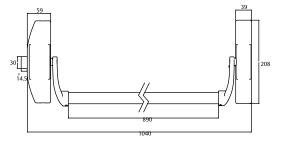
NON ACTIVE



1910 stainless finish.







Push type panic exit devices

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 lock serie
- » 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







4039T.8 mm

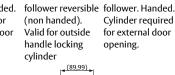
Cylinder required

for external door

opening.

CF60 9 mm follower Reversible

2035T. 8 mm 2037F. 8 mm follower. Handed. No cylinder, for free passing door



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.



Model	Bar length	Squared spindle mm	Cover finish mm	Bar finish
1970	90	8	N	V / N / R
	90	8	N	C
1970	90	8	N	I
1970	90	8	S	C
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

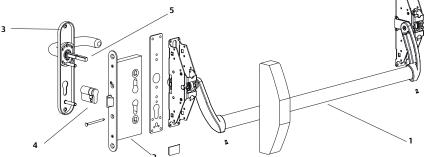
4. Cylinders

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. CD203058M
- Panic device with 9 mm follower:
- » Double screwed square spindle 9/9 +
- 9/9. Ref. CD9X559X67



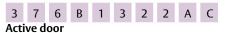




Push type panic exit devices

Mortice Model . Double doors

EN 1125 certificate for 1970 + CF32 configuration



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.

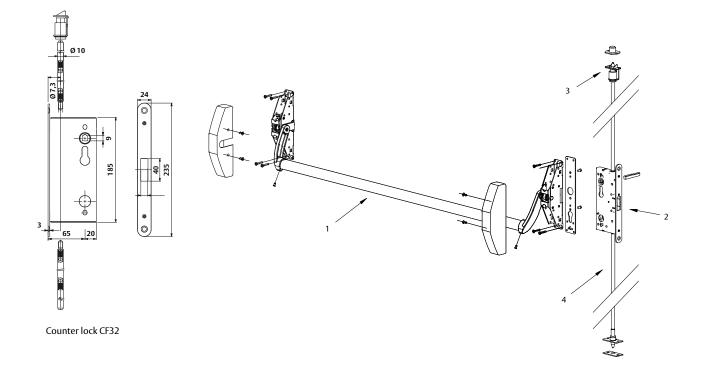
3. Vertical rod retainer

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

Т 'ESA



Outside devices. Rim models

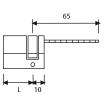
Sena lever handle



8 mm follower

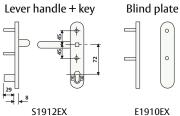
der available with all systems.

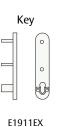
Outside device	Product code
Blind plate, black RAL 9005	E1910EXNE
Blind plate inox	E1910EXIS16
Euro-profile plate* black RAL 9005	E1911EXNE
Euro-profile plate* inox	E1911EXIS16
Sena Lever handle + euro-profile* black RAL 9005	S1912EXNE
Kubika handle euro-profile* inox	KU1912EXIS16
Obbal handle euro-profile* 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



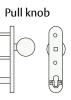
L	А	В	Product code	Finish
40	30	10	TE5R3010L	Brass
40	30	10	TE5R3010N	Nickel
50	40	10	TE5R4010L	Brass
50	40	10	TE5R4010N	Nickel

Lever handle + key









S1913EX

Lever handle

TTF10U

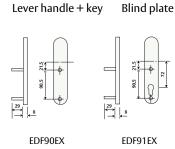
Outside device. Mortice models

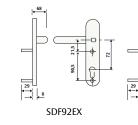
For CF60 series lock



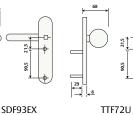
Outside device	Product code
Blind plate, black RAL 9005	EDF90EXNE
Blind plate	EDF90EXIS16
Euro-profile plate* black RAL 9005	EDF91EXNE
Euro-profile	EDF91EXIS16
Sena Lever handle + euro-profile* black RAL 9005	SDF92EXNE
Sena handle euro-profile	SDF92EXIS16
Sena handle blind plate, black RAL 9005	SDF93EXNE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

Nueca de 8 mm





Key





Pull knob

ASSA ABLOY | 50

ASSA ABLOY Door Closers





DC-120



DC-200



DC-140



DC-300





DC-500





DC-820



DC-477



DC X75B





ASSA ABLOY Sicherheitstechnik GmbH





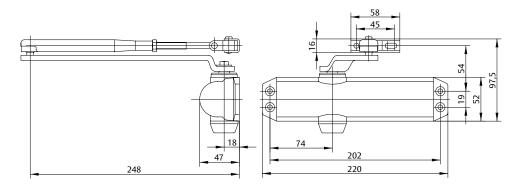
11

ASSA ABLOY DC120

- $\cdot\,$ Rack and pinion door closer with link arm
- \cdot 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 conti-
- nuously 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.

glance	Advantages
Flatempransenent	- Compact design
	- Favourably priced, reliable
Builders	- 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	-langely unaffected by temperature fluctuations thanks to thermodynamic
	valves - Backcheck feature offers optimum protection for doors and walls

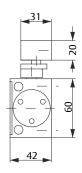




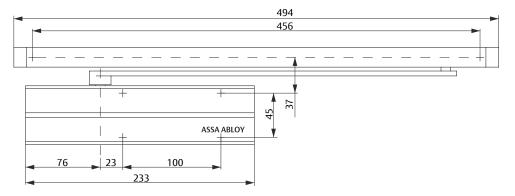


- $\cdot \,$ Thermodynamic valves for consistent performance
- Standard colours: silver EV1; white, similar to RAL9016; black, similar to RAL9005









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

Customer segment	Advantages
Project planners	- Inexpensive guide rail door closer
Builders	- Compact design - Quick and easy installation - Suitable for left and right handed doors
Trade	- Fasy to adjust - Inexpensive closer model for standard doors - All-inclusive package with door closer and guide
User	- rail - Thermodynamic valves - Backcheck feature offers optimum protection for doors and





ASSA ABLO

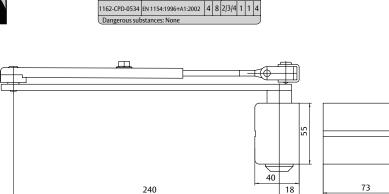
ASSA ABLOY DC140

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

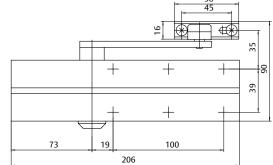
Characteristics DC140

- $\cdot\,$ Can be used for left and right-handed doors
- $\cdot\,$ 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





H Bildstockstraße 20⁷²⁴⁵⁸ Albstadt



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
Рнуетр ганаетеnt	- Compact design - Modern design - Favourably priced, reliable
Builders	- 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	-liangely unaffected by temperature fluctuations thanks to thermodynamic valves - Backcheck feature offers optimum protection for doors and walls







	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstraße 20 72458 Albstadt				10				
1162-CPD-0484	EN 1154:1996+A1:2002	4	8	4 2	1	1	4		
Dangerous sut	ostances: None								

ASSA ABLOY DC200

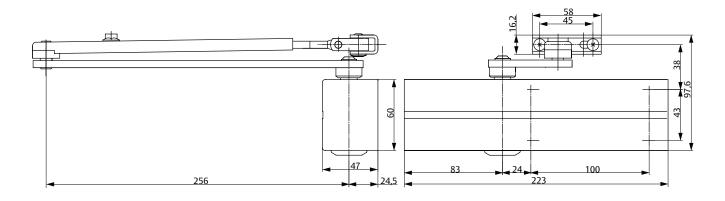
- $\cdot\,$ Rack and pinion closer with link arm L190
- Certified in compliance with EN 1154, size 2-4
- $\cdot\,$ Suitable for fire and smoke protection doors
- $\cdot\,$ For single action doors up to 1100 mm wide

Characteristics DC200

- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- $\cdot\,$ Can be used for left and right-handed doors
- $\cdot\,$ 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
- $\cdot\,$ Variable adjustable closing force
- $\cdot\,$ 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°
- Hold-open mode can be enabled and disabled as required
- · Same installation as link arm
- Cannot be used with fire and smoke protection doors









CE	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstraße 20 72458 Albstadt		10				
1162-CPD-0485	EN 1154:1996+A1:2002	4	8	6 3	1	1	4
Dangerous sub	stances: None						

ASSA ABLOY DC300

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

Characteristics DC300

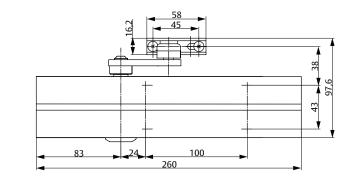
- Can be used with integrated concealed mounting plate, suitable for fire and smoke protection doors
- $\cdot\,$ Can be used for left and right-handed doors
- $\cdot\,$ Link arm height-adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjus-table via front facing regulating valves
- \cdot Thermodynamic valves for consistent performance
- Variable adjustable closing force
- $\cdot\,$ 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

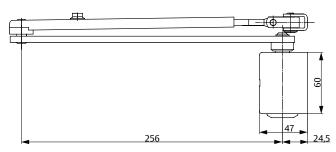
Characteristics for hold open link arm L191

- 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

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
 - \cdot 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 back-
- check from front facing regulator valves
- Thermodynamic valves for consistent performance Variable adjustable closing force
- Opening angle up to 180°
- Large range of applications
- Standard colours: Silver, white similar to RAL9016, brown similar to RAL8014, black similar to RAL9005 •

Customized finishes available on request

Characteristics of Guide rail G195

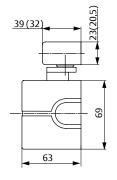
- Height-adjustable by 2 mm for tolerance
- · Concealed fastening screws
- · Installation dimensions: see diagram

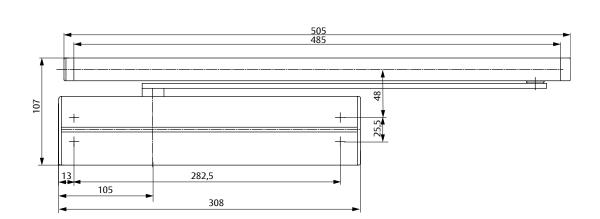
Characteristics of Guide rail G193

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



CE	Abloy Oy PO Box 108 80101 Joensuu,Finland		04			_	
0432-CPD-004	EN1154:1996+A1:200	24	8	4 1	1	1	3





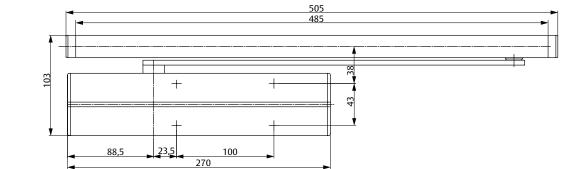
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		 ASSA ABLOY DC500 Door closer with Cam-Motion te height-adjustable guide rail G191 guide gail G193 Fulfils barrier-free building require CEN TR 15894) Certified in compliance with EN 5 Suitable for fire and smoke protes For single action doors up to 110 Can be used in four installation te non-hinge sides in standard and
	Abloy OY 10 PO Box 108 80101 Joensuu, Finland 10 1162-CPD-0464 EN 1154:1996+A1:2002 3 8 1 1 1 4	 Characteristics DC500 Can be used with integrated con plate, suitable for fire and smoke Can be used for left and right-ha Axis continuously height adjusta Closing speed, latching speed an adjus-table via front facing regula Thermodynamic valves for consis Variable adjustable closing force Opening angle up to 170° Effective backcheck and latching adjus-table Large range of applications Standard colours: silver EV1; whi RAL9016; brown, similar to RAL8 to RAL9005 Customized finishes available on
		 Characteristics for guide rail G195 Height-adjustable by 2 mm for tolerance Concealed fastening screws Installation dimensions: see diag Characteristics of standard guide raises Without protective cover Visible fastening screws
ی ک		·

- echnology and 95 or standard
- irements (DDA/
- 1154, size 1-4
- ection doors
- 00 mm wide
- types: hinge and d frame installation
- ncealed mounting e protection doors
- anded doors
- table up to 14 mm
- nd backcheck lating valves
- sistent performance
- e
- g speed range
- nite, similar to L8014; black, similar
- n request

- gram Fail G193
- gram (dimensions



ASSA ABLOY | 56

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39(32)

23(20,5

2



	 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
Abloy OY PO Box 108 80101 Jeensuu,Finland 10 1162-CPD-0464 EN 1154:1996+A1:2002 3 8 6 1 1 4	 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 Variable adjustable closing force Opening angle up to 170° Effective backcheck and latching speed range adjus-table Large range of applications Standard colours: silver EV1; white, similar to RAL9005
 Characteristics of special model DC700AC Opening angle of 180° for standard installation on hinge side Other features as in Model DC700 	 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)

23,5

88,5

57

100

270







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

- Can be used for left and right handed doors
- $\cdot\,$ 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

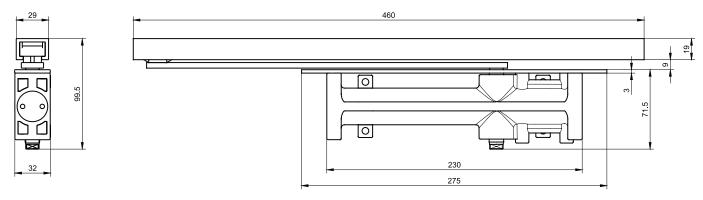


EN 1154: 1996/A1: 2002	Δ	0	2	1		-		
1000/A1. 2002		0	2	1		3		
		_				_		
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EN 1154: 1996/A1: 2002	4	8	3	1	1	3		
	Guli Security Product 33-35 Chrysanthemum Road Zhongshan,Guangdong, P.F EN 1154:	33-35 Chrysanthemum Road,Xiac Zhongshan,Guangdong, P.R. Chi EN 1154:	Guli Security Products Ltd. 33-35 Chrysanthemum Road,Xiaolan, Zhongshan,Guangdong, P.R. China EN 1154: 4 8	Guli Security Products Ltd. 33-35 Chrysanthemum Road Xiaolan, Zhongshan,Guangdong, P.R. China EN 1154: 4 8 3	Guli Security Products Ltd. 1 33-35 Chrysanthemum Road,Xiaolan, Zhongshan,Guangdong, P.R. China 1 EN 1154: 4 8 3 1	Guli Security Products Ltd. 33-35 Chrysanthemum Road,Xiaolan, 10 EN 1154: 4 8 3 1 1		

IC 1000E Door Closer Guli Security Products Ltd. 33-35 Chrysanthemum Road Xieoleo

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ASSA ABLOY DC477

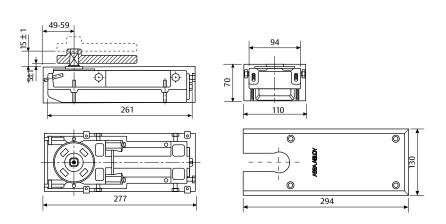
- Floor spring with adjustable closing force for large and heavy doors
- · Certified in compliance with EN 1154, size 2-4
- Suitable for fire and smoke protection doors
- $\cdot\,$ For double and single action doors up to 170 kg

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.
- $\cdot\,$ Cast iron body.
- $\cdot\,$ Cement box in hot zinc plated.
- $\cdot\,$ Interchangeable spindle from 0 to + 30 mm.
- Available without hold open, with hold-opening angle 90° and 105°.



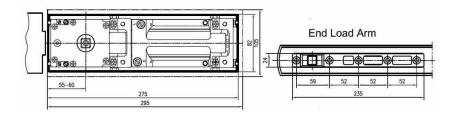
CE	ASSA ABLOY Italia S.p.A. Via Modena, 68 40017 San Giovanni in Persiceto Bologna - Italy		10				
0425.DO.2221	EN 1154:1996+A1:2002	3	8	2 4	1	1	4



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 .

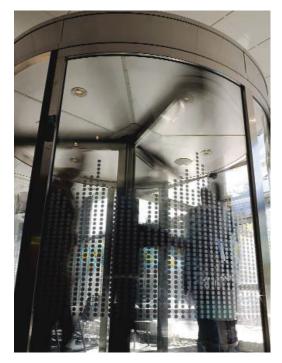
Standards:

- 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

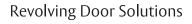
Door Automatics





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.



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.



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

Products 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

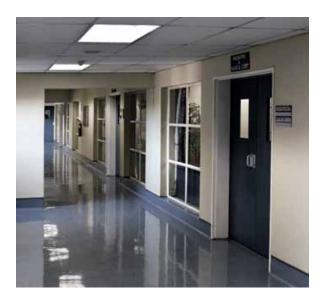
Full range of insulated doors 30 & 60 min up to 2 hours fire rated. Designed to suit the Power Substations, Cold Stores, Heat transfers applications and other similar locations.





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

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