

Electromechanical Door Closers and Operators



We take the worry out of
protecting what's valuable to you.
Lockwood: *no worries®*



ASSA ABLOY

25YEAR

**MECHANICAL
WARRANTY**

www.lockweb.com.au

8002 Electromechanical Door Operator



The Lockwood 8002 Swing Door Operator is an electro-hydraulic operator designed for a wide variety of applications. It is suitable for almost all types of external and internal swing doors and has been developed to cope with tough conditions. The operator can be mounted on either side of the door for pull or push action and is suitable for single or double doors fitted with butt hinges or pivots.

Suitable for disabled access, nursing homes and hospital corridors - where the requirements are for silence, flexible operation and reliability - as it is for department stores, banks, hotels, etc.

Opening

When an opening impulse is received by the control unit, the motor starts and the hydraulic unit rotates the drive shaft and arm system (door) with high speed towards the open position. Before reaching the fully open position, the speed is reduced to low speed. The door stops, and the motor rotation ceases when the selected door opening angle is reached. This open position is held by the hydraulic valve.

Closing

The spring closing starts when the hold-open time has run out. Before reaching the fully closed position, the speed is reduced to low speed, which will be kept until the door is completely closed. The door is held closed by spring power: to overcome the resistance of a striking plate, the 'lock kick' can be adjusted to required level.

Lock Kick

To overcome the resistance of a striker plate, door seals the 'lock kick' can be adjusted to the required level of resistance. This will ensure that the lock bolt will securely engage into the striker plate.

Product Details

Closing Power	EN Size 3 to 6
Dimensions	(H)110 x (D)110 x (L)716 mm
Door Leaf Width	Maximum door width - 1600 mm
Door Opening Angle	Maximum opening angle - 120°
Electrical	230C AC mains power, 50 Hz fuse 10 A
Environment	Operational temperature range: -15°C to +50°C
Recommended Door Weight	Maximum door weight - 250 kg
Door Specification	<ul style="list-style-type: none">• Max door weight 250kgs• Max door width 1600mm• Access controlled locking (Pull side reduces power by 30%)• Maximum opening angle 120°

Standards and Compliance

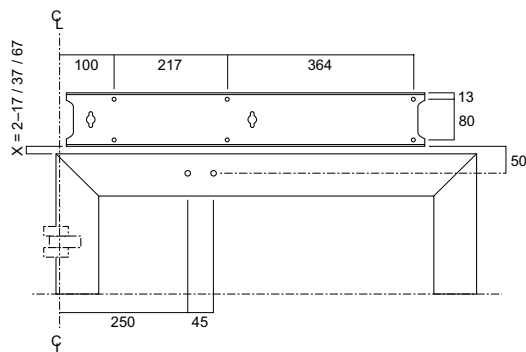


Lockwood Swing Door Operators have been successfully tested on fire door assemblies in accordance with Australian Standard AS1905.1:1997 fire resistant doorsets.

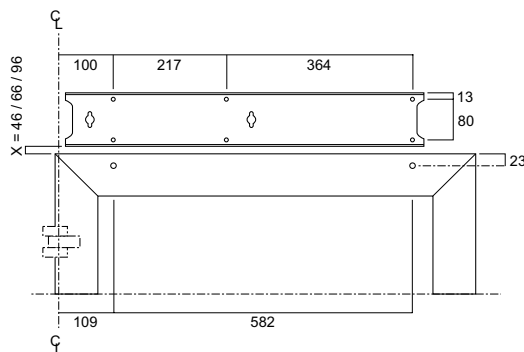
8002 Electromechanical Door Operator

Mounting Instruction Guide

X = Shaft Extension

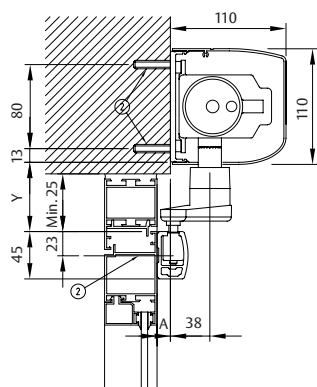


Push Side

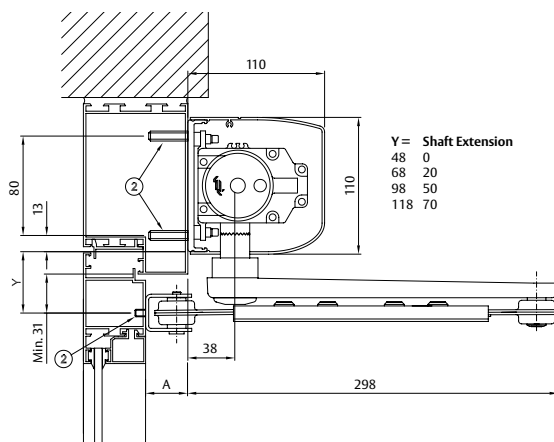


Pull Side

Pull Side



Push Side



Specification Statement

This Door Operator must have an electro-hydraulic motor with a capacity to push or pull doors up to 250kg in weight. The operator can be mounted on either side of the door for pull or push action and should be suitable for single or double doors fitted with butt hinges or pivots. The operator should have inputs for various electronic keypad controllers and motion sensors.

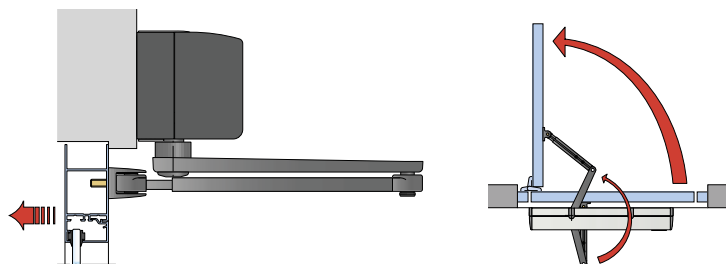
8002 Electromechanical Door Operator

Pushing Arm System

Part Number 8002PSIL

Description

Pushing arm system, where the operator is installed on the wall on the opposite side of the door swing. Door opening angle adjustable up to 120°. Swing arm operator package comes with silver cover and black push arm.

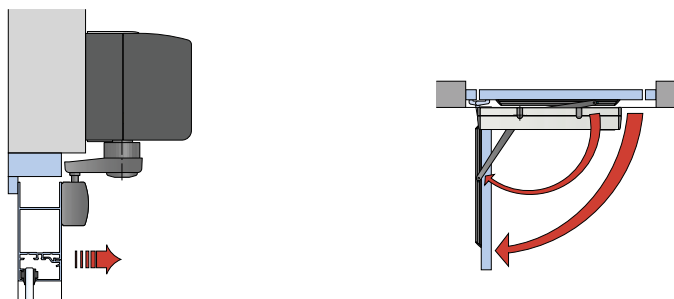


Pulling Arm System

Part Number 8002SSIL

Description

Pulling arm system, where the operator is installed on the wall on the same side as the door swing. Door opening angle adjustable up to 120°. Swing arm operator package comes with silver cover and black pull arm. 30% Power loss.



Speed and Force Adjustments

The opening and closing speeds can be varied individually.

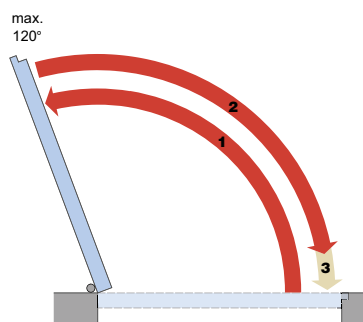
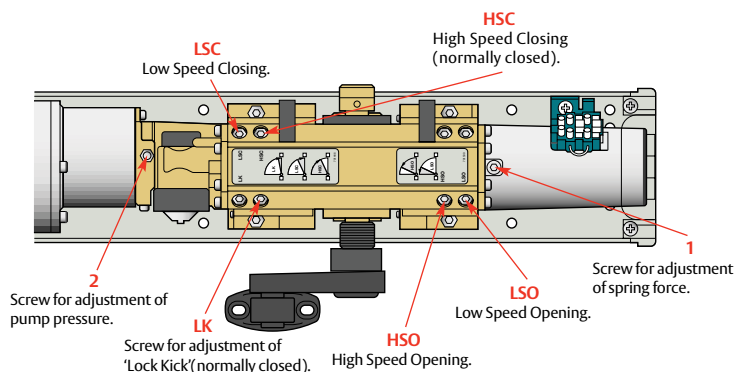
Lock Kick

To overcome the resistance of a striker plate, the 'lock kick' can be adjusted to the required level of resistance. This will ensure that the lock bolt will securely engage into the striker plate.

Controls

Separate valves control door opening, closing and latching speeds.

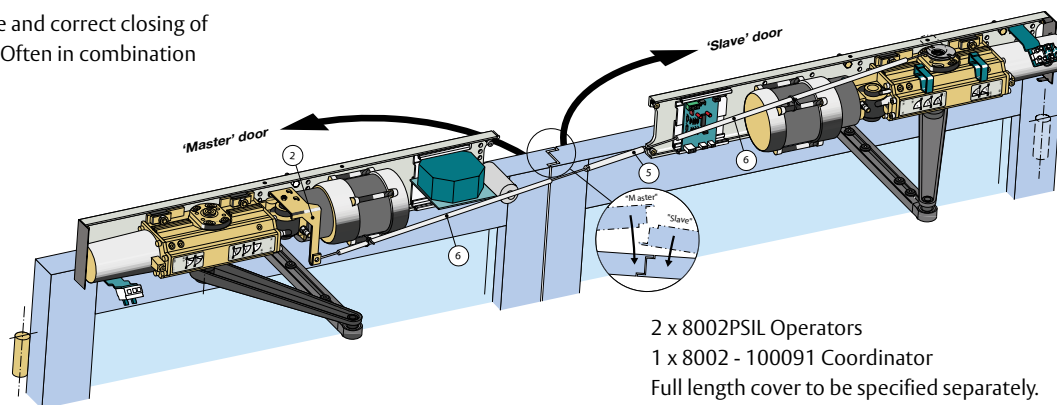
- 1 Opening Angle 120°, Opening Speed
1.5 - 4 seconds
- 2 Closing Speed 1.5 - 1.4 seconds
- 3 Lock Kick
- 4 Push and go function add. 8002-655614



8002 Electromechanical Door Operator

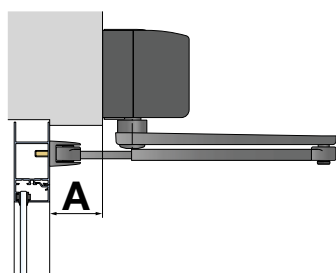
Double Door Coordination Unit

Guarantees safe and correct closing of rebated doors. Often in combination with fire doors.



Reveal Depth (A)

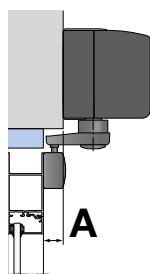
Pushing Arm System



Arm Extension

8002-173004 A = 235 - 360mm
8002-173191 Joint for 235 - 485mm

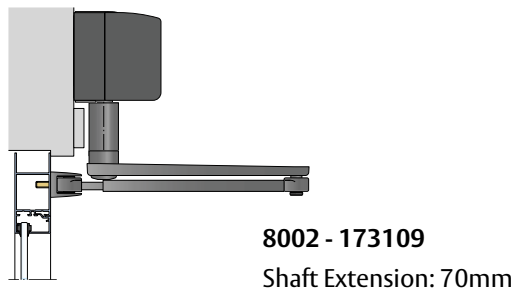
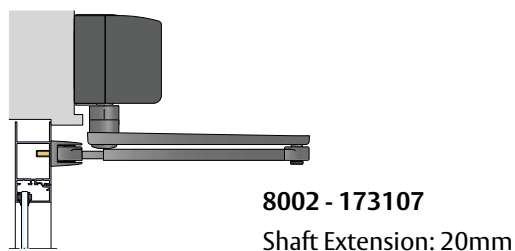
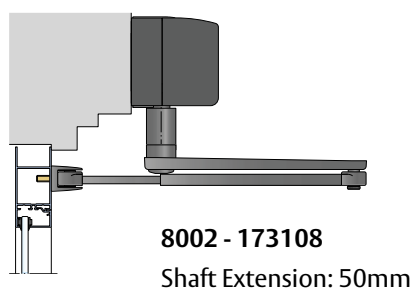
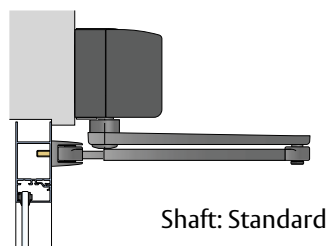
Pulling Arm System



Packer

8002-173804BK A = 0 - 130mm
Standard = 130 - 170mm

Shaft Extension



8002 Electromechanical Door Operator

Operator with Motion Detector/Elbow Switch

- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) 8002 - 1700008 Elbow Switch

Outside activation unit detects the presence of an object in its range and automatically opens the door.

Inside activation with an 8002 - 1700008 Elbow switch for manual activation on one side.

Ideally suited for doorways where usage is primarily for people carrying goods, pushing trolleys, wheelchairs or beds.

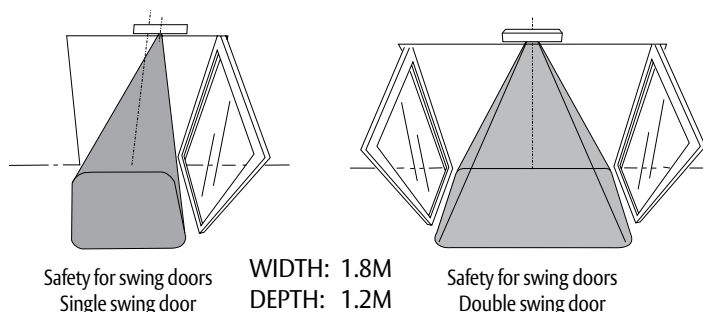


Overhead Presence Detection (Supervisor)

- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) x 8002 - 1700008 Elbow Switch
- 1 x 8002EXB
- 1 x 8002ACCE 152 Zone presence detector

The overhead presence detector monitors any movement or obstruction within the arch of the door swing area.

It can be installed on either the pull or push side of the door. e.g if a person is standing inside the opening arch of the door, the door cannot be opened until the zone is clear of the obstruction.



Note: This presence detector is a safety device to prevent the door opening or closing when an object is within the arch of the door, to activate the door opening or closing a door activation accessory also needs to be fitted.

EG: radar activation unit or elbow switch.

Operator with Safety Sensor (Eye tech)

- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) x 8002 - 1700008 Elbow Switch
- 1 x 8002 - 738765 Eye-Tech infrared presence detector
- 8002 x 738765 = 340mm long
- 8002 x 738766 = 700mm long
- 8002 x 738767 = 900mm long
- 1 x 8002 - 655614 Limit switch for presence push and go detection or indication



Note: The presence detector operates as a door activator when a person enters the zone on the PUSH side. Once the door is open it remains open until the person has gone through. As a safety sensor, on the PUSH side it protects persons or objects from being hit by the door if the door has been stopped by the safety sensor on the PULL side and is closing after the pause time. In this case the door remains stationary and only moves in the unobstructed direction. Ideally suited for areas where beds and frail people need to ensure that the door will not close on them until completely clear of the doorway.

8002 Electromechanical Door Operator

Ordering Information

Product Description	Part Number
Swing Door Operator (PULL SIDE)	8002SSIL
Swing Door Operator (PUSH SIDE)	8002PSIL
Accessories	
Telescopic Arm 110 – 235mm Reveal (PUSH SIDE)	8002-173005
Telescopic Arm 235 – 360mm Reveal (PUSH SIDE)	8002-173004
Joint for Telescopic Arm 235 – 485mm Reveal (PUSH SIDE)	8002-173191
Doorstop – Push Arm System	8002-100147
Spacer for Door Fitting	8002-173804BK
Push and Go Function	8002-65514



ASSA ABLOY

Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

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

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

**25YEAR
MECHANICAL
WARRANTY**

The Lockwood 25 Year Mechanical Warranty

Our belief that we manufacture the finest premium products available in today's market place is backed by the Lockwood 25 Year Mechanical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit www.lockweb.com.au or call **1300WARRANTY**

ASSA ABLOY Australia Pty Ltd
235 Huntingdale Road
Oakleigh, Victoria, 3166
Australia

1300 LOCK UP (1300 562 587)
lockweb.com.au

ASSA ABLOY New Zealand Ltd
6 Armstrong Road
Albany, Auckland, 0632
New Zealand

info.nz@assaabloy.com
Telephone +64 9415 7111
assaabloy.co.nz

