

CE Mark explained



Door closers are an important link in the control of fire and smoke and their usage can help save lives.

From October 2004 Door Closer standards, EN 1154 and EN 1155 became harmonised across Europe and are now the required standards to test in order to attain CE marking for controlled door closing devices.

We recommend the use of a CE marked door closer is the best way of ensuring the product you are using is fit for purpose and meets all legal requirements, particularly when used on fire doors.

The Equalities Act - disability legislation



Legislation aimed at providing universal accessibility of buildings requires service providers to make "reasonable adjustments to the physical features of their premises to overcome barriers to access".

Approved Doc M of the Building Regulations and BS 8300 provide guidance in establishing recommended opening forces for door controls to assist less able users.

High efficiency Briton closers which are capable of meeting the required levels of opening and closing forces are marked with the "Wheelchair Symbol" but accurate installation, hinge friction, door seals and variable air pressure can all have a bearing on the opening resistance of the final doorset.

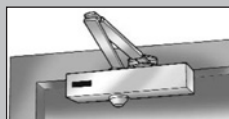
For doors which must also meet the stringent closing force requirements for fire door applications, it may be more appropriate to use electromagnetic hold open or swing free closers or a powered opening solution.

Fitting application guide

Overhead door closers can generally be fixed in one of three ways depending on the door location. Most Briton door closers are supplied Tri-packed meaning that they contain the necessary brackets and fixings to enable them to be fitted in any of the applications opposite:

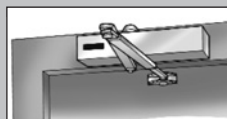
Regular fixing

Closer body mounted on the pull face of the door



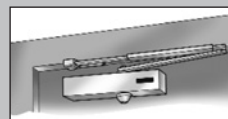
Transom fixing

Closer body mounted on the transom on the push side of the door



Parallel fixing

Closer body mounted on the push side of the door



Closer power (EN 1154)

To determine which closer size you require use the table below. Many Briton closers have adjustable power which allows you to adjust the power to suit the situation.

EN Closer Size	Recommended Door Width - Max.	Door Weight
1	750mm	20kg
2	850mm	40kg
3	950mm	60kg
4	1100mm	80kg
5	1250mm	100kg
6	1400mm	120kg

Backcheck explained

In-built cushioning during opening cycle to minimise the risk of personal injury and damage to adjacent walls.

Delayed Action Explained

Delays the closing cycle to allow slow moving pedestrians to pass through unhindered by the closing door.

Electromagnetic Hold Open/Swing Free

In normal use the closer has been rendered inoperative so that it can be either held open or is free to swing. The closer is connected to the building fire or smoke alarm system and when activated the closer is re-engaged and will close the door in the normal manner.

Closer finishes explained

For overhead closers which comprise a body and armset, the finish of the complete closer is specified either with black armset (including regular or parallel fixing bracket) or with matching armset.

For example, a closer in a sprayed silver finish is specified as:

SE - with black armset

SES - with matching silver armset

NB: Black armsets only available on Briton 996 closers.

When ordering simply add the finish code to the end of the product code e.g. 1120B.SES