

1100 Series - Medium Duty Closers

The Briton 1100 Series is designed to provide a mid-range product with a choice of the most popular options, in a concise, cost-effective package. The Briton 1100 Series is a simple system which comprises 3 body sizes, each available as standard with a slide-in trimplate or with optional Classic square or Softline all-over covers.



Briton 1110.SES with trimplate

Adjustments: **1** - Closing power; **2** - Closing speed; **3** - Latch action; **4** - Backcheck

The combinations of performance and cover options provides a highly comprehensive series of closers which can be suited across a wide range of functions and applications.

Note: All covered variants have a flatarm arm as standard. All trimplate variants have screw thread arms as standard.



Top Left: Briton 1110.T.S.SS track closer with Softline cover in satin stainless steel

Top Right: Briton 1110.C.SS with Classic cover in satin stainless steel



Below Right: Briton 1120B.GES with trimplate in sprayed gold finish

A comprehensive family of closers which allows suiting across a wide range of performance variants

Principal Features & Benefits

- A Cast aluminium body
- B Precision needle roller bearings allied with rack and pinion mechanism provides efficient operation and high levels of durability.
- C High quality silicon chrome alloy steel used for the coil spring.
- D High quality hydraulic fluid with built-in temperature compensation ensures reliable performance without the need for seasonal adjustment
- E Screw thread armset manufactured from forged steel for additional strength and durability supplied for all trimplate variants.
Simple flat arm and bracket set for all-over cover variants
- F Available with snap joint arm for quick and easy installation and future maintenance.
- G All-over cover option to conceal all fixings and adjustment screws providing a neat appearance and reducing the risk of vandalism and tampering. Available in classic square or rounded softline variants.
- H Trimplate option is a simple and cost effective means of concealing fixing and adjustment screws reducing the risk of vandalism and tampering.

Testing & Certification

CE marked to EN1154 - AD0033 (Briton 1110)
- AD0034 (Briton 1120B)
- AD0113 (Briton 1130B)

CE marked to EN1155 for electromagnetic hold-open variants

Fire tested to EN1634 on timber doors to achieve a 2 hour fire rating, and 4 hours for metal doors.

Certifire Approved CF388

EPD certified

Full Declaration of Performance available from our website at:

www.britondops.co.uk

What's in the box?

- Closer Body
- Body Cover/Trimplate
- Tri-Pack Armset and Brackets
- Fixing Pack
- Installation Instructions



Except
1100



Electromagnetic hold-open variant is available in trimplate or with all-over Softline cover



- Features of the Briton 1130B.TE closer
- Fully compliant with EN 1155.
 - Satisfies the requirements of Approved Document M
 - Fail safe electronics guarantee door release in the event of a fire or power failure.
 - Track mounted 24v DC electromagnet with an effective and reliable holding force.
 - Manual override allows the door to be pulled closed at any time.
 - On-board test switch simulates fire condition
 - Fully adjustable hold-open angle from 75° to 110°.
 - 24v transformer/rectifier available

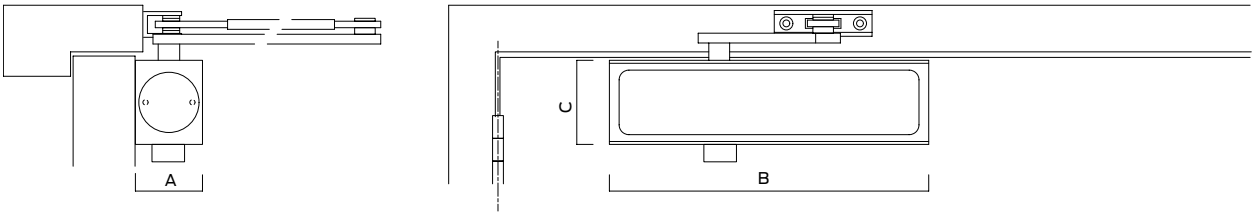
Briton 1130B.TE Electro-magnetic hold-open

An electromagnet in the slide track is designed to hold the door open during normal use and is connected to the building fire alarm system. On sounding the fire alarm, or in the event of power failure, the electromagnet is deactivated and releases the door closer mechanism to close the door in the normal controlled manner.

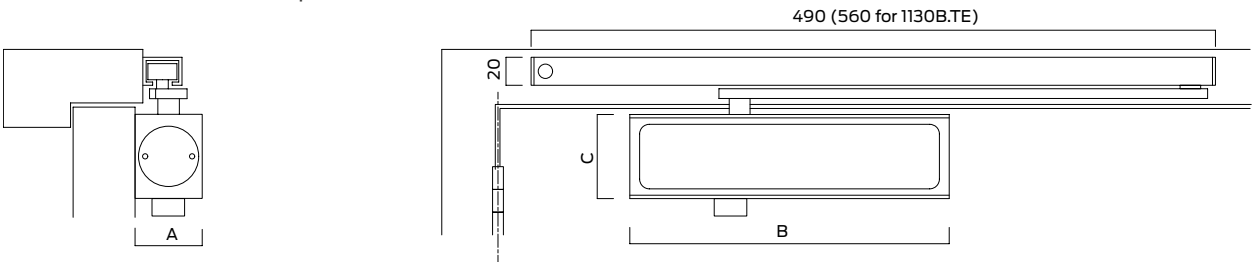
It is particularly suited for use in areas where a standard door closer could be inconvenient or would impede the flow of people in medium or high traffic applications such as a cinema foyer or hospital corridor.

The use of electro-magnetic hold-open door controls are recommended in applications which are designed to meet the levels of accessibility called for in Approved Document M Access to and use of buildings.

Closer with projecting arm & trimplate



Closer with track arm & trimplate



	1110	1110.T	1120B	1130B	1130B.T	1130B.TE
A	38.5	38.5	38.5	48	48	48
B	207	207	236	257	257	257
C	60	60	60	60	60	60

Additional features

Optional mechanical hold-open unit can be used to replace the standard armset on projecting arm closers or retrofitted into the slide track. Hold-open angle can be adjusted from 80° to 120° and allows the door to be manually released from the hold-open position.

Mechanical hold-open must not be used on fire and smoke doors.



Mechanical hold-open armset option for projecting arm variants



Mechanical hold-open conversion kit for slide track variants

1100 Series – Quick Selector

Product features		Product references					
EN Closer size	max. door size [width - weight]	1110	1120B	1130B	1110.T	1130B.T	1130B.TE
1	750mm - 20kg						
2	850mm - 40kg	■	■	■		■	
3	950mm - 60kg	■	■	■	■	■	■
4	1100mm - 80kg	■	■	■		■	■
5	1250mm - 100kg			■			
6	1400mm - 120kg			■*			
CE marked		■	■	■	■		■
Fixed closing power EN size					3		
Adjustable closing power EN size		2 - 4	2 - 4	2 - 6*		2 - 4	3 - 4
Maximum angle of opening (controlled closing)		105°	180°	180°	180°	180°	105°
Adjustable closing speed & latch action		■	■	■	■	■	■
Adjustable backcheck			■	■		■	■
Tri-pack armset (projecting arm closers)		■	■	■			
Mechanical hold-open facility		□	□	□		□	
Electro-magnetic hold-open							■
Slide channel and arm					■	■	■
Trimplate cover option		■	■	■	■	■	■
All over cover variants available	all variants available with C (classic) / S (softline) cover options						
Finishes	SE; SES; GES (trimplate variants) - SES; GES; SSS; PSS; PBS (all covered variants)						
Guarantee period		10yrs	10yrs	10yrs	10yrs	10yrs	10yrs
CE Classification		3 82-4113	4 82-4113	4 82-6113	4 83113	4 82-4113	3 83-4113

■ Feature as standard □ Available as an option



A wide choice of cover and finish options



Product Ref:	Description	Cover Option	Finishes
1110	Projecting arm closer - template adjustable EN 2 - 4	Trimplate	SE; SES; GES
1110.C	Projecting arm closer - template adjustable EN 2 - 4	C cover	SES; GES; SSS;
1110.S	Projecting arm closer - template adjustable EN 2 - 4	S cover	PSS; PBS
1110.T	Slide track closer - fixed power EN3	Trimplate	SES; GES
1110.T.C	Slide track closer - fixed power EN3	C cover	SES; SSS; PSS;
1110.T.S	Slide track closer - fixed power EN3	S cover	PBS
1120B	Projecting arm closer - spring adjustable EN 2 - 4 - with backcheck	Trimplate	SES; GES
1120B.C	Projecting arm closer - spring adjustable EN 2 - 4 - with backcheck	C cover	SES; SSS; PSS;
1120B.S	Projecting arm closer - spring adjustable EN 2 - 4 - with backcheck	S cover	PBS
1130B	Projecting arm closer - spring adjustable EN 2 - 6 - with backcheck	Trimplate	SES; GES
1130B.C	Projecting arm closer - spring adjustable EN 2 - 6 - with backcheck	C cover	SES; SSS; PSS;
1130B.S	Projecting arm closer - spring adjustable EN 2 - 6 - with backcheck	S cover	PBS
1130B.TE	Track arm electromag hold-open closer - spring adjustable EN 3- 4 - with backcheck	Trimplate	SES; GES
1130B.TE.S	Track arm electromag hold-open closer - spring adjustable EN 3- 4 - with backcheck	S cover	SES; SSS

Product Ref:	Accessories & Parts	Finishes
1110.AP	Arm pack (screwthread) for 1110 & 1120B trimplate closers	SE
1110.APF	Flatform arm pack	SE; SS; PS; PB
1110.APH	Hold-open arm pack for projecting arm closers	BM; GE; SE
1110.T.AP	Track arm pack	SE; SS; PS; PB
1110.BRK66	Fig. 66 bracket pack	SE
1110.FP.ZP	Fixing pack	SE
1130.AP	Arm pack (screwthread) for 1130B trimplate closers	SE
1130.APF	Flatform arm pack for 1130B	SE; SS; PS; PB
1130.APH	Hold-open arm pack for projecting arm closers	BM; GE; SE
1130.F.PLT	Fixing plate	BM; SE; WHS
1130.HP	Hold-open conversion kit for slide track closers	N/A
1130.TPB	Trimplate	SE