Briton 121 Series



Briton 121CE

Briton 121 Series

The Briton 121 Series provides the traditional strengths of the Briton range, its quality of performance, durability and reliability in a compact economy range of fixed strength closers.

Briton 121CE & 121 Features

The Briton 121 Series comprises 2 compact overhead door closers suitable for the most popular door sizes. It has all the characteristics of performance, durability, functionality and quality that specifiers have come to expect from a Briton door control.

- The Briton 121CE is a fixed strength door closer, power size 3, which is CE Marked, Certifire Approved and is suitable for fire door applications
- The Briton 121 is template adjustable during installation to suit closer sizes 2 to 4. It is NOT CE Marked and is suitable for use in non-fire door applications only

CF390

Both products are covered by a full 10 year warranty

Strip steel armset is pressed for increased rigidity. Armset and bracket supplied is suitable for fixing in Fig.1 and Fig.61.
An optional bracket is available for fixing in Fig.66 applications



Optional hold open armset has a cam action knuckle which is suitable for either hand of door. It is adjustable and will hold the door open up to 130˚.
Fig.66 applications require a special fixing bracket to achieve 130˚

Note: Not to be used on fire door applications

Separate latch action and closing speed adjustment provides total control of the full closing cycle

Pressure die cast aluminium body has a spray paint finish with matching arms

Hardened and ground steel rack and pinion mechanism for smooth and efficient operation

High quality hydraulic fluid with in-built temperature compensation ensures reliable operation in temperatures from -15˚C to +40˚C

Non handed design provides 180˚ opening/controlled closing cycle

Fixings

Each unit is supplied with detailed installation instructions and fixing packs for timber doorsets.

Finishes

Briton 121CE and Briton 121 door closers are available in 4 spray painted finishes. All Briton 121 Series door closers are supplied with matching arms and brackets. See page 15 for further information on finishes.

The Briton 121CE door closer is successfully type tested and independently certified for conformity to all the requirements of EN 1154. It is marked with the CE mark and coded as shown below (Figures in brackets indicate the range of codings where the higher numbers indicate a higher rating).

For further information on EN 1154 and CE please see page 16.

	EN classifications range shown in brackets					
	(3/4)	(8)	(1-7)	(0/1)	(1)	(0/4)
121CE	4	8	3	1	1	3

PLEASE NOTE,The following items are NOT CE marked:
Closers fitted in Fig.66 applications
Hold-Open armsets

Product selector

product features		product ref:	
closer size	max. door size width - weight	**121CE (fire doors)**	**121 (non fire door)**
1	750mm - 20kg		
2	850mm - 40kg		●
3	950mm - 60kg	●	●
4	1100mm - 80kg		●
5	1250mm - 100kg		
6	1400mm - 120kg		
main features		**121CE**	**121**
CE Marked		●	
Sutiable for fire doors		●	
Fixed strength or adjustable		fixed	adj.
Method of adjustment		fixed	template
Angle of opening		180˚	180˚
Separate latch action/closing speed		●	●
Manual hold open option		●	●
Matching arm finish		●	●

Briton 121CE & 121



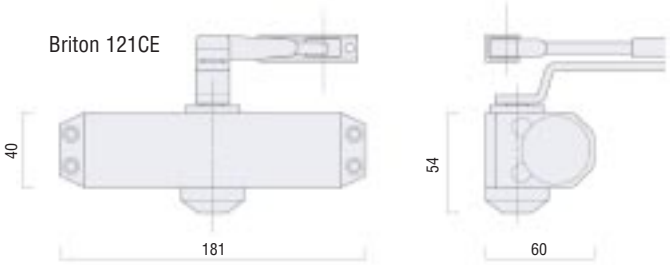
Briton 121.SES in silver finish used on a non-fire door application. For all fire door applications please specify Briton 121CE models.



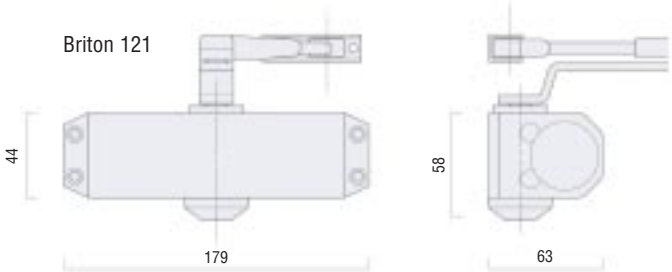
Briton 121.GES in gold finish with matching arms



Briton 121CE



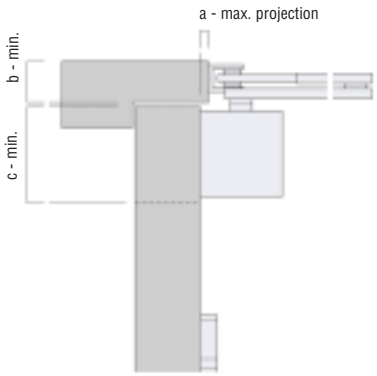
Briton 121



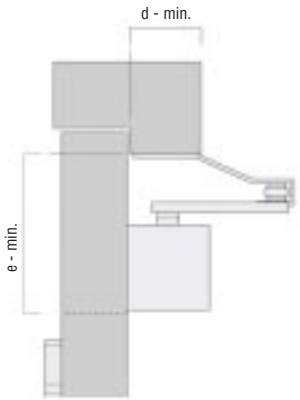
Briton Generic Applications

The following illustrations show the dimensional requirements for each individual door closer in the standard applications and track arm applications.
All dimensions are in mm.

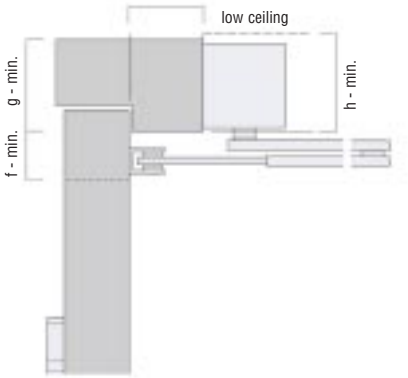
Projecting Arm Applications



Application 1
closer fixed to 'pull' side of door



Application 66
closer fixed to 'push' side of door

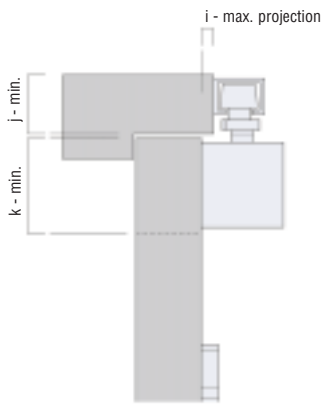


Application 61
closer fixed to transom on 'push side'

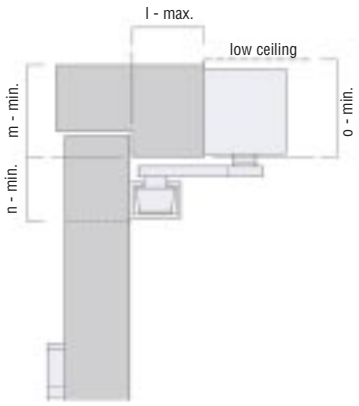
closer reference	cover style	application 1			application 66		application 61		
		a	b	c	d	e	f	g	h
Briton 2002, 2003, 2004	classic	10	25(38)	50	44	88(100)	28(42)	50	68
Briton 1110, 1120B	trimplate	10	30(30)	68	44	110(123)	30(43)	68	78
	covered	10	30(30)	80	44	110(123)	30(43)	68	78
Briton 121CE	n/a	10	40(40)	50	44	90(110)	40(40)	50	65
Briton 121	n/a	10	35(35)	55	44	90(110)	35(35)	55	70
Briton 2130B, 2130BD	classic	7	28(41)	78	44	94(107)	28(42)	50	68

note: figures in brackets are dimensional variations when used with hold open armsets

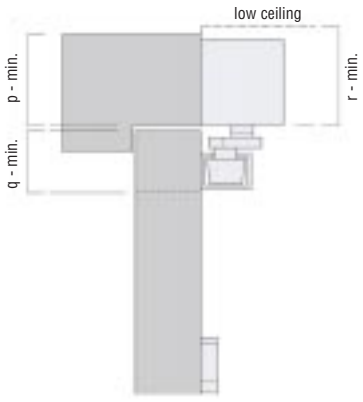
Track Arm Applications



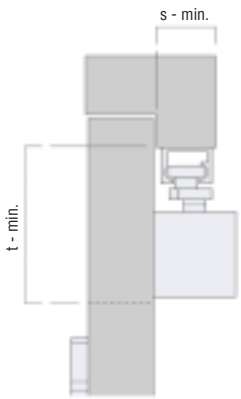
Application 30 (A)
closer fixed to 'pull' side of door



Application 30 (B)
transom mounted on 'push' side of door



Application 30 (C)
transom mounted on 'pull' side of door



Application 30 (D)
closer mounted on 'push' side of door

closer reference	cover style	application 30 (A)			application 30 (B)				application 30 (C)			app'n 30 (D)	
		i	j	k	l	m	n	o	p	q	r	s	t
Briton 2002T, 2003T	classic	7	41	50	76	50	45	68	68	22	93	-	-
Briton 2130B.T	classic	12	41	55	76	55	45	75	75	22	100	-	-
Briton 2130B.TE	classic	3	51	57	-	-	-	-	-	-	-	32	127

Briton Finishes

The Briton 2000, 1100 and 121 Series of door closers are available in a wide selection of metallic and coloured finishes which fall into 3 categories

- Metallic finishes
- Solid metal polished finishes
- Powder coated coloured finishes

The powder coated colours are specially formulated to provide a close match to the coloured solid nylon finishes of our Normbau range of door hardware.

Please note:

All projecting arm closers are supplied as standard with arms and closer body in a matching finish . All track arm closers are supplied with matching arm and track.

The Briton 1100 Series and Briton 121 Series have a sprayed body with powder coated armsets.

'S' after the finish code denotes matching arms.
e.g. SES - Silver with matching arms
SE - Silver with black arms

metallic finishes


satin stainless steel (SS)


polished stainless steel (PS)


satin brass (SB)


polished brass (PB)


satin aluminium (SA)


polished aluminium (PA)

sprayed finishes


sprayed silver (SE)


sprayed gold (GE)


sprayed brown (BE)


sprayed white (WH)

coloured finishes to match Normbau colours

white 19

manhattan 67


dark grey 18


black 16


matt black (MB)


green 13


dark green 36


red 12


dark red 35


slate blue 63


blue 11


dark blue 37


yellow 22

ivory 65

sandstone 61


brown 74

closer series:	metallic finishes	sprayed finishes	Normbau coloured finishes
2000 Series	PS SS PB	SE GE BE	all colours to order
1100 Series	PS* SS* PB* PA* SA	SE GE	n/a
121 Series	n/a	SE GE BE	(WH) as standard

* covers only

Note: Due to the limitations of the printing process please check your choice of finish against actual product.