

Lift Directive Safety Components Type Examination

This is to certify that:

Atwell Limited
T/A Cameron Design
The Studio
1 Prescott Close
Northampton
NN3 5HZ
United Kingdom

Holds Certificate Number:

CE 798347

In respect of:

Ascending car overspeed protection (ACOP) means model VG Rope Brake

On the basis of our examination under the requirements of the Directive 2014/33/EU Annex IV:A of the European Parliament and Council relating to Lifts and Safety Components of Lifts as recorded in the BSI Report. Any modification to the design of this product will invalidate this EU certificate and the Notified Body, number 2797, must be informed without delay.

For and on behalf of BSI, a Notified
Body for the above Directive
(Notified Body Number 2797):



Denelise L'Ecluse, Managing Director Assurance - Continental
Europe

First Issued: 2024-03-14

Latest Issue: 2024-03-14



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Limitations of Certificate Validity

This EU type-examination certificate is only valid when an Ascending Car Overspeed Protection (ACOP) model VG Rope Brake is installed to operate under the following conditions:

1.	This certificate covers the rope brake as shown in the production drawing PD 120001 and relates to the approved CDS design drawings as listed in the drawing register of the technical documentation.	
2.	This certificate does not cover and separate control unit to the rope brake. The rope brake is to be actuated from the electrical switch of a certified speed-monitoring device (i.e Overspeed Governor).	
3.	The VG Rope Brake is certificated for the following dynamic braking forces:	
	Disc spring thickness (mm)	Dynamic braking force (N)
	2.0	6500
	2.5	10500
	3.0	14000
4.	The approved VG Rope Brake application calculation spreadsheet must be used to determine the disc spring thickness to be employed and verifying of the application based on given Tripping Speed and Permissible Mass.	
5.	Under the Manufacturers instructions, the VG Rope Brake can be used as part of a UCMP system incorporating VG Overspeed Governor.	
6.	The VG Rope Brake can be used as part of a device against unintended movement of the lift car with doors open with reference to BS EN 81-50:2020, Clause 5.8 if the detection and activation device is equipped with appropriate type examination with reference to the aforementioned standard.	
7.	Harmonised Standard(s):	BS EN 81-20:2020 - Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods Part 20: Passenger and goods passenger lifts - Clause 5.6.6 Ascending car overspeed protection means and BS EN 81-50:2020 - Safety rules for the construction and installation of lifts - Examinations and tests Part 50: Design rules, calculations, examinations and tests of lift components – Clause 5.7 Type examination of ascending car overspeed protection means only.
8.	Manufacturing site(s):	
	Atwell International Ltd. Ball Mill Top Business Park Hallow Worcester WR2 6PD United Kingdom	
Type testing commenced initially on the 28 October 2002 thereafter 1 April 2019 undertaken by BSI Group, UK as detailed in technical documentation review under BSI Report 289/9759102 dated 26 April 2019 and 3770042 2 of 2 dated 1 February 2024.		

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Ascending Car Overspeed Protection (ACOP) model VG Rope Brake



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Certificate Administration Details		
Technical documentation reference:		Reference No. VG Rope Brake
Certificate Amendment Record		
Issue Date	Comments of amendment	BSI Project Number
14 March 2024	Initial issue based in UKCA Certificate UKCA 72024. As detailed in BSI Report 3770042 2 of 2 dated 1 February 2024.	2797:24:30015606
Note: The Certificate holder is responsible for ensuring that the issuing body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.		
The safety component must be accompanied by an EU Declaration of Conformity and marked with CE Mark followed by the Notified Body number who undertake the surveillance visit.		

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