

UKCA Type Examination Certificate

This is to certify that:

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

Holds Certificate Number:

UKCA 72024

In respect of:

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

On the basis of our examination of products under the requirements of Annex IV:A of the Lift Regulations 2016 as amended by The Product Safety and Metrology etc. (Amendment etc.)(EU Exit) Regulations 2020 (SI 2020/676) Safety Components of Lifts as recorded in the BSI Report they were found to comply with the Essential Requirements as detailed in Schedule 1 of the Regulations. Any modification to the design of these products will invalidate this UKCA certificate and the Approved Body, number 0086 must be informed without delay.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2003-01-27

Latest Issue: 2021-04-21

Effective Date: 2021-04-21

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...making excellence a habit.™

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Limitations of Certificate Validity

This 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 81-50:2014, Clause 5.8 if the detection and activation device is equipped with appropriate type examination with reference to the aforementioned standard.	
7.	Designated Standard(s):	BS EN 81-20:2014 - 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 81-50:2014 - 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.		

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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Ascending Car Overspeed Protection (ACOP) model VG Rope Brake



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Location	Certified Activities
Atwell Limited T/A Cameron Design The Studio 1 Prescott Close Northampton NN3 5HZ United Kingdom	Ascending car overspeed protection (ACOP) means model VG Rope Brake
Atwell International Ltd Ball Mill Top Business Park Hallow WR2 6PD United Kingdom	Ascending car overspeed protection (ACOP) means model VG Rope Brake

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