



TYPE EXAMINATION CERTIFICATE

According to Lifts Regulations 2016, Schedule 11, Section A

Certificate No.:	UK-RV 013
Approved Body:	TUV SUD BABT UNLIMITED Octagon House Concorde Way, Segensworth North Fareham, Hampshire, PO15 5RL, UK Identification No. 0168
Certificate Holder:	Blain Hydraulics GmbH Pfaffenstraße 1 74078 Heilbronn - Germany
Manufacturer of the Test Sample: <small>(Manufacturer of Serial Production - see Enclosure)</small>	Blain Hydraulics GmbH Pfaffenstraße 1 74078 Heilbronn - Germany
Product:	Rupture valve as protection against falling of the car in hydraulic lifts
Type:	R10 2"
Regulation:	Lifts Regulations 2016
Reference Standards:	EN 81-20:2020 EN 81-50:2020
Test report:	No. UK-RV-009_018 dated 2022-10-26
Outcome:	The product conforms to the essential health and safety requirements of the mentioned Regulation if the requirements of the annex to this type examination certificate are kept.
Date of Issue:	2022-10-26


 Achim Janocha
 TUV SUD BABT UNLIMITED



**Annex to the Type Examination Certificate
No. UK-RV 013 of 2022-10-26**



1 Scope of application

1.1 Rupture valve as protection against falling of the car in hydraulic lifts, type R10 2"

1.2 Technical Data

Permissible nominal flow rate	250 - 800	l/min
Pressure range	10 - 100	bar
Operating viscosity	15 - 400	cSt
Temperature range	0 - 65	°C

2 Conditions

2.1 For identification and information about the principal construction and mode of operation of the tested and approved test sample, the approval drawing no. R10 2 a dated 2014-10-17 with modification index 'a' dated 2021-03-26 (sheet 1) with certification stamp dated 2021-04-20 must be attached to the type examination certificate and its annex.

2.2 The connection and setting of the rupture valves must be carried out in accordance with the manufacturer's R10 operating instructions with certification stamp dated 2021-04-20.

2.3 Hydraulic fluids recommended by the manufacturer must be used. Hydraulic fluids with a specification outside the scope of the rupture valve are not permitted.

2.4 In the case of rupture valves that are not directly attached to the cylinder, the connection between the cylinder and the rupture valve must be made via by calculation proven short rigid pipes (pressure hoses are not permitted).

2.5 The type examination certificate may only be used in combination with the corresponding annex and enclosure (List of authorized manufacturers of the serial production). The enclosure will be updated immediately after any change by the certification holder.

3 Remarks

3.1 This type examination certificate has been issued in accordance with or on basis of the following standards:

- EN 81-20:2014, Number 5.6.3.8
- EN 81-50:2014, Number 5.9
- EN 81-20:2020, Number 5.6.3.8
- EN 81-50:2020, Number 5.9

A revision of this type examination certificate is inevitable in case of changes or additions of the above-mentioned standards or of changes of state of the art.

3.2 The test results only relate to the safety component "rupture valve" and the associated type examination.

3.3 At the rupture valve, there shall be a label with the information necessary for the component's identification with the name of the manufacturer, type examination sign and details of type.

**Enclosure to the Type Examination Certificate
No. UK-RV 013 of 2022-10-26**



Authorised Manufacturer of Serial Production – Production Sites (valid from: 2022-10-12):

Company Blain Hydraulics GmbH
Address Pfaffenstraße 1
74078 Heilbronn - Germany

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