



Certificate of Attestation

Certificate: 80014014

Master Contract: 174285

Project: 80014014

Date Issued: November 27, 2019

Issued to: Blain Hydraulics GmbH
PFAFFENSTR. 1
74078 HEILBRONN
GERMANY

Attention: Mr. Frank Pausder

The products listed below are eligible to bear the CSA Mark shown.



Issued by: *Wendy Zhu*
W. Zhu, Ph. D., P. Eng.

ASME A17.1-2016/CSA B44-16, Clause 8.3.9.3.3

PRODUCTS

CLASS – 9705 04 ATTESTATION – Elevating Devices

For details related to rating size, configuration, etc., reference should be made to the CSA Attestation Record or the Descriptive Report.

Elevator Hydraulic Overspeed Valves (non-electric) Type R10*. Ambient Temperature Rating: +10 °C to +60 °C.

Type R10	Rated Working Pressure	Flow Rate (Min - Max)
½"	93 Bar (1350 psi)	4-90 l/min (1 - 23.8 gpm)
¾"	80 Bar (1150 psi)	5-100 l/min (1.3 - 26 gpm)
1"	80 Bar (1150 psi)	50-175 l/min (13 - 46 gpm)
1-1/2"	93 Bar (1350 psi)	100-425 l/min (26 - 112 gpm)
2"	65 Bar (950 psi)	250-800 l/min (66 - 211 gpm)
2-1/2"	60 Bar (880 psi)	700-1250 l/min (185 - 330 gpm)
3"	47 Bar (690 psi)	1200-2100 l/min (317 - 554 gpm)

Notes:



Certificate: 70214064

Master Contract: 174285

Project: 70214064

Date: July 16, 2019

1. These valves are intended for use with ISO Grade 46 hydraulic fluid.
2. The installation of this equipment is subject to acceptance by the local inspection authority having jurisdiction.

APPLICABLE REQUIREMENTS

ASME A17.1-2016/CSA B44-16*

- Safety Code for Elevators and Escalators

* Specific requirements as identified in clause 8.3.9.3.3 (Valve Body Strength Test) as applicable.



Supplement to Certificate of Attestation

Certificate: 80014014

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Attestation History

Project	Date	Description
80014014	November 27, 2019	Original Attestation