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Certificate of constancy of performance

0761-CPR-0417

Z-3/945/06 (no. of agreement)

iBMB MPA TU BRAUNSCHWEIG
Institut für Baustoffe, Massivbau und Brandschutz | Materialprüfanstalt für das Bauwesen

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Product Regulation or CPR), this certificate applies to the

construction product

Powered smoke and heat exhaust ventilators
Axial Smoke Exhaust Ventilators, types
AXV-AL/AXVB-AL 250 mm ... 2.500 mm
RXV-AL/RXVB-AL 250 mm ... 2.000 mm
AXG-AL/AXGB-AL 250 mm ... 2.500 mm
BXV-AL/BXVB-AL 250 mm ... 400 mm
Class according to EN 13501-4:2007+A1:2009: F_{300} 60

produced by or for

Wolter GmbH
Maschinen- und Apparatebau KG
Am Wasen 11
76316 Malsch
Germany

in the manufacturing plant

Malsch (Germany).

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 12101-3:2015

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate has an annex with two pages. It was first issued on 02.02.2015. The validity begins on 14.04.2023 and will remain valid until 13.04.2028, as neither the harmonised standard, the construction product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.

Braunschweig, 18.04.2023

signiert/signed
Dr. Lehmberg, Sven
18.04.2023
15:59:33 +02

Dr.-Ing. Sven Lehmberg
(Head of certification body)

DAkkS Deutsche Akkreditierungsstelle D-ZE-11267-01-00

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Additional information on Axial Smoke Exhaust Ventilators, types AXV-AL/AXVB-AL, RXV-AL/RXVB-AL, AXG-AL/AXGB-AL, BXV-AL/BXVB-AL

Mechanically driven exhaust appliances for smoke and heat (fans), smoke removal ventilator				
Classification				Basis
	Class	Temperature (°C)	Time (min)	
☒	F_{300}	300	60	see below
Free classification for purely informative purposes				Basis
☒	F_{f300}	300	120	see below
Position of the ventilator and thermal insulation, if applicable				Basis
☒	Outside of the building			see below
☒	Inside the building, outside of the smoke compartment			see below
☒	In the smoke compartment			see below
☒	Not thermally insulated (AXV-AL, RXV-AL, AXG-AL, BXV-AL)			see below
☒	Thermally insulated (AXVB-AL, RXVB-AL, AXGB-AL, BXVB-AL)			see below
Installation				Basis
☒	Fan standing, motor shaft horizontal			see below
☒	Fan parallel to the wall, motor shaft horizontal			see below
☒	Fan hanging, motor shaft horizontal			see below
☒	Fan standing, motor shaft vertical			see below
☒	Fan hanging, motor shaft vertical			see below
☒	Motor shaft vertical, impeller under motor			see below
☒	Motor shaft vertical, impeller above motor			see below
☒	Motor upstream			see below
☒	Motor downstream			see below
Flexible connectors				Basis
☒	Flexible connector on the inlet side			see below
☒	Flexible connector on the outlet side			see below
☒	Flexible connector on the inlet and outlet side			see below
Cooling air				Basis
☒	No cooling air required			see below
Snow load, wind load				Basis
☒	Opening under wind load within a specified time[1)]			see below
☒	Opening under snow load within a specified time[2)]			see below

[1)] in conjunction with exhaust cowl RUM, < 30 s

[2)] in conjunction with exhaust cowl RUM, < 30 s, SL500

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Accessories		Basis
☒	Mounting feet horizontal/vertical MF	see below
☒	Mounting bracket vertical MP	see below
☒	Spring Antivibration mounts FSD	see below
☒	Cupmount Antivibration mounts C...	see below
☒	Matching flange GL	see below
☒	Flat flange FL	see below
☒	Motorized Roof cowl RUM	see below
☒	Inlet cone ED	see below
☒	Wire guard WG	see below
☒	Silencer SD-AX 1D/2D (optionally with inlet cone, pod, deflector)	see below
☒	Flexible connector EV 400 °C	see below
☒	Mounting set for Flex. connector EVM 300 °C / 400 °C	see below
☒	Inspection door AXV-RK	see below
☒	Non-return damper LRK	see below
☒	Repair switch GS2HT / GS3HT	see below
☒	Guide vanes NL	see below
☒	Diffusor DF	see below
☒	Terminal box TB, KLG	see below
☒	Vibration sensors	see below
☒	Detachment indicator switch	see below
☒	Safety chains	see below
Application classes		**Basis**
☒	Dual purpose, Ventilation and Smoke extraction	see below
☒	Emergency Smoke Extraction	see below

Basis:

Test report no. 3034/093/10-C5.1 of 09.09.2011, 3166/896/13-C5.1 of 04.08.2014, 15/10459-2986 M1 of 14.01.2016

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