

MPA Braunschweig, Beethovenstr. 52, 38106 Braunschweig, Germany

# Certificate of constancy of performance

0761 - CPR - 0917

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 ventilator IGW axial ventilator, impeller design SAS Range of diameters: 400 mm ... 1,600 mm Class according to EN 13501-4:2016: F<sub>300</sub> 60

produced by or for

Witt & Sohn AG Ziegeleiweg 38 25421 Pinneberg Germany

in the manufacturing plant

#### Pinneberg (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

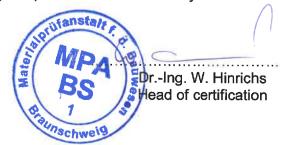
under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

#### constancy of performance of the construction product.

This certificate comprises an annex with 1 page. It has first been issued on 19-10-2020. It will remain valid till 18-10-2025, as neither the harmonised specification, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.

Braunschweig, 19-10-2020

Z-3/709/03



#### **Smoke Exhaust Ventilator**

## 1. Use and application classes

The ventilator may be mounted as follows:
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$\boxtimes$	outside of the building without thermal insulation
	outside of the building including thermal insulation
$\boxtimes$	inside the building but outside of the fire zone, without thermal insulation
	inside the building but outside of the fire zone including thermal insulation
$\boxtimes$	inside the fire zone without thermal insulation
	inside the fire zone including thermal insulation
	-

The motor axle shall be orientated as follows:

∀ertical, ceiling modified	horizontal, floor standing horizontal, wall mounted horizontal, ceiling mounted vertical, Δp upward vertical, Δp downward vertical, wall mounted vertical, ceiling mounted
	vertical, ceiling mounted  The ventilator may be used for

both functions.

Cooling is necessary.

# 2. Minimum functioning time

In the test, the ventilator maintained its function for at least 90 min.

## 3. Technical product data

Hub ratio		N, M, X, Y		
Range of diameters		400 mm 1,600 mm unidirectional, reversible Nidec		
Direction of flow				
Motor maker				
Motor frame size	min	132		
	max	250		

#### 4. Additional information

Standards referred to:

l	EN 12101-3	EN 13501-4	EN 1363-1	EN 1363-2	ENV 1363-3				
End of the certificate of constancy of performance									
End of the certificate of constancy of performance									