

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.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



Dr.-Ing. W. Hinrichs  
Head of certification

## Smoke Exhaust Ventilator

### 1. Use and application classes

The ventilator may be mounted as follows:

- outside of the building without thermal insulation
- outside of the building including thermal insulation
- inside the building but outside of the fire zone, without thermal insulation
- inside the building but outside of the fire zone including thermal insulation
- inside the fire zone without thermal insulation
- inside the fire zone including thermal insulation

The motor axle shall be orientated as follows:

- horizontal, floor standing
- horizontal, wall mounted
- horizontal, ceiling mounted
- vertical,  $\Delta p$  upward
- vertical,  $\Delta p$  downward
- vertical, wall 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	
Direction of flow	unidirectional, reversible	
Motor maker	Nidec	
Motor frame size	min	132
	max	250

### 4. Additional information

Standards referred to:

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