



(1) **Statement of Conformity**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**

(3) **Statement of Conformity Number: TÜV 15 ATEX 160546**

(4) for the equipment: Centrifugal fans - series FORWARD ATEX

(5) of the manufacturer: Elektrovent s.r.l.

(6) Address: Via delle Pozzette, 18
25080, Soiano del lago (BS)
Italy

Order number: 8000447331

Date of issue: 2015-05-04

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this statement of conformity and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 15 214 160546.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 13463-1:2009

EN 13463-5:2011

EN 14986:2007

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This statement of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:



II 2G c IIB T3 resp. IIC T4

II 2D c T135°C

II 3G c IIB T3 resp. IIC T4

II 3D c T135°C

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body



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(13) SCHEDULE

(14) Statement of Conformity No. TÜV 15 ATEX 160546

(15) Description of equipment

Small centrifugal fans of the series FORWARD ATEX, suitable for conveying clean air. They are used in all industrial applications where small air volumes are required with medium-high pressure. Suitable for ducted installations. The centrifugal fans are directly coupled to electrical motor with ATEX certification (refer to ATEX manual). The series consists of 6 sizes with impeller diameter from:

Sizes
122 mm
132 mm
142 mm
152 mm
162 mm
182 mm

Technical data

Conveyed air	clean, not abrasive or corrosive
Temperature conveyed air	-40 ° C / +60 ° C
Absolute pressure	0.8 bar < P < 1.1 bar
Volume fraction of maximum oxygen content	21%
Voltage and frequency of power supply	single-phase (M) V220/264 Hz - three phase (T) V380/480
Frequency	50 Hz – 60 Hz

Marking Centrifugal fans - series FORWARD ATEX	Minimum Marking of Motor *
⊕ II 2G c IIB T3	⊕ II 2G IIB T3
⊕ II 3G c IIB T3	⊕ II 3G IIB T3
⊕ II 2G c IIC T4	⊕ II 2G IIC T4
⊕ II 3G c IIC T4	⊕ II 3G IIC T4

* The motor protection mode shall be according to the marking.

(16) Test documents are listed in the test report No. 15 214 160546.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones