
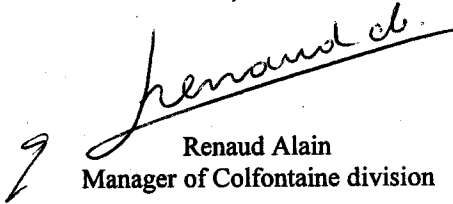


- (1) **EC TYPE EXAMINATION CERTIFICATE**
- (2) **Equipment or protective system intended for use
in potentially explosive atmospheres
Directive 94/9/EC**
- (3) EC type examination certificate number: **ISSeP03ATEX026**
- (4) Equipment or protective system:
Motor - Series BA (X) 73xy * * * *
- (5) Applicant - Manufacturer :
ELNOR MOTORS N.V.
- (6) Address: De Costerstraat 45
3150 Haacht (Wespelaar)
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) ISSeP, notified body n° 492 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, 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 confidential report n 02136.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997 + A1 et A2: 1999 EN 50018:2000 EN 50281-1-1:1998
- (10) If the symbol "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 EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following indications:
 II 2 G D
EEx d IIC T6 to T3

Colfontaine, the 03.04.2003


Renaud Alain
Manager of Colfontaine division

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer, rue de la Platinerie
B-7340 COLFONTAINE (Wasmes)
Tél: ++ 32 65 610811 - Fax: ++ 32 65 610808

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(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP03ATEX026

(15)

Description of the equipment or protective system:

Three-phase asynchronous motor :BA(X)73**TR

Single-phase asynchronous motor :BA(X)73**C or E or CP

Direct current motors :BA(X)73**DC

The flameproof enclosure of this motor is made of steel (for the carcass) and cast iron (for the endshields & bearing)

Optionally the motor may be provided with a terminal box compartment. In this case an additional marking will indicate that the insulation of the supply cable provided by the user shall be compatible with a temperature of at least 100°C.

Temperature classes

The motors with an output power less or equal to 150W (or 370W if cooled by the application) and a duty service S1 have the temperature class T4.

The motors on S2 and S3 duty service are provided with a thermal protection or a PTC thermistance suitable to the temperature class.

Furthermore the motors provided with a suitable thermal protection may be energised by a frequency converter.

Electrical characteristics

Power range : from 0.015 kW to 0.55 kW

Voltages supply : up to 600 VAC - 50 / 60 Hz
up to 80 V DC

Insulation class :F

Routine test

Each apparatus shall be submitted to the routine verifications and tests necessary to ensure that it complies with the specification submitted to the testing station with the prototype.

(16)

Report n^o 02136 dated 2.04.2003 composed in total of 22 pages

The manual of instructions of the manufacturer signed on 5.09.2002 (5 pages)

The data related to the self-adhesive marking plate -document signed on 5.09.2002 (1 page)

The drawings:

817300185 of 15.02.1999 Rev. C of 2.09.2002 signed on 5.09.2002

817300186 of 12.02.1999 Rev. C of 29.08.2002 signed on 5.09.2002

240000412 of 4.09.2002 signed on 5.09.2002

The data sheets related to the drawings 817300185 and 817300186 - dated 4.09.2002 Rev. of 21.03.2003 signed on 24.03.2003 (3 pages).

(17)

Special conditions for safe use: none

(18)

Essential Health and Safety Requirements: covered by the standards as listed at point 9 and the descriptive documents from the manufacturer.

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