



EC Declaration of Conformity

The manufacturer: ABB Automation Technologies AB, LV Motors
S-721 70 Västerås, Sweden

Hereby declares that

The Products: 3-phase induction motors EEx nA II T3 (200 °)
Group II – Category 3G – Temperature class T3 (200 °) and
3-phase induction motors 'Dust Ignition Protection'
Group II – Category 2D/3D – Temperature class T 125 °C

| <u>Motor Type</u> | <u>IEC Size</u> | <u>Certification no</u> |
|-------------------|-----------------|--|
| M2AA | 112 – 250 | NEMKO 04 ATEX 1448, CE ₀₄₇₀ (Cat. 2D) NEMKO 04 ATEX 3449, (Cat. 3D and 3G) |
| M3AA | 112 - 280 | NEMKO 04 ATEX 1448, CE ₀₄₇₀ (Cat. 2D) NEMKO 04 ATEX 3449, (Cat. 3D and 3G) |
| M3BP | 160 – 250 | NEMKO 05 ATEX 3135, (Cat. 3D and 3G) |

Are in conformity with provisions of the following Council Directives:

ATEX of 23 March 1994 94/9/EC

In respect of category:

3G: EN 50014:1997 +A1:1999, A2:1999, EN 60079-15:2003, IEC 60079-15:2001
2D/3D: EN 50014:1997 +A1:1999, A2:1999, EN 50281-1-1:1998, EN 61241-1:2004,
IEC 61241-1:2004, IEC 61241-0:2004

Low Voltage Directive 73/23/EEC (amended by 93/68/EEC),

And, as components, with the essential requirements of the following:

EMC Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC), regarding the intrinsic characteristics to emission and immunity levels,

And are in conformity with: EN 60 034-1

Additional information: By design, the machines, considered as components, comply with the essential requirements of:

Machinery Directive 89/392/EEC (amended by 91/368/EEC, 93/44/EEC and 93/68/EEC), provided that the installation be correctly realised by the manufacturer of the machinery (for example : in compliance with our Installation Instructions and EN 60 204 "Electrical Equipment of Industrial Machines").

Certificate of Incorporation (Directive 89/392/EEC, Art 4.2 and Annex II, Sub B) :

The machines above must not be put into service until the machinery into which they have been incorporated have been declared in conformity with the Machinery Directive.

Year of CE marking: CE03

Signed by

Gunnar Kylander, Product responsible EEx and Marine Products

Date: Dec 2005

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