



## EC Declaration of Conformity

**The Manufacturer**     *ABB AB,  
LV Motors  
721 70 Västerås,  
Sweden*

hereby declares that

**The Products:** *3-phase induction motors,  
series M2A\*, centre heights 112, 132, 160, 180, 200, 225 and 250 mm.  
series M2B\*, centre heights 160, 180, 200, 225 and 250 mm.  
series M3A\*, centre heights 112, 132, 160, 180, 200, 225, 250 and 280 mm.  
series M3B\*, centre heights 160, 180, 200, 225 and 250 mm.  
series M4B\*, centre heights 160, 180, 200, 225 and 250 mm.*

are in conformity with provisions of the following Council Directives:

**Directive 2006/95/EC (of 12 December 2006).**

The motors are in conformity with provisions of the harmonized standard EN 60 034-1(2004) which thus comply with Principal Elements of the Safety Objectives for Electrical Equipment stated in Annex I of said directive.

**Note:** When installing motors for converter supply applications, additional requirements must be respected regarding the motor as well as the installation, as described in installation manual delivered with converters.

**Directive 2005/32/EC (EuP of 6<sup>th</sup> July 2005).**

In respect of efficiency class the motors are in conformity with the requirements of the standard EN 60034-30 (March 2009)

Year of CE marking : CE<sub>00</sub>.

Signed by

Åke Andersson

Title                    Technical Manager

Date                    20 January 2010

Translations into other languages available from ABB  
M-file ref B1.0011  
3GZV 500 002-4, rev 5

ABB AB

LV Motors  
Postal address  
721 70 Västerås  
SWEDEN

Visiting Address  
Örjansgränd 31  
Västerås  
SWEDEN

Telephone  
+46 21 32 90 00  
Telefax  
+46 21 32 90 22

Internet  
www.abb.se  
e-mail:  
first name.last name  
@se.abb.com

Business Identity Code:  
556029-7029  
Domicile: Västerås



2010-01-20

**Motor range in conformity with EN 60034-30**

<b>Motor range</b>	<b>Motor type designation</b>	<b>Motor type, IEC frame size</b>	<b>IE Class According to EN 60034-30:March 2009</b>
Process performance premium efficiency motors	M4BP	IEC 160 - 250	Premium efficiency IE 3
Process performance motors	M3BP	IEC 160 - 250	High Efficiency IE 2
Industrial performance motors	M3AA, M3BA	IEC 160 - 280 IEC 160 - 250	High Efficiency IE 2
General performance motors	M2AA, M2BA	IEC 160 - 250	Standard Efficiency IE 1

Note : 8 pole motors and two speed motors are not classified

**ABB AB**

LV Motors  
Postal address  
721 70 Västerås  
SWEDEN

Visiting Address  
Örjansgränd 31  
Västerås  
SWEDEN

Telephone  
+46 21 32 90 00  
Telefax  
+46 21 32 90 22

Internet  
[www.abb.se](http://www.abb.se)  
e-mail:  
first name.last name  
@se.abb.com

Business Identity Code:  
556029-7029  
Domicile: Västerås