



Recognition Certificate

Germanischer Lloyd

This is to certify, that the undernoted manufacturer has been recognized in accordance with the relevant regulations of the GL Approval System.

Certificate No. **GL-EP 99 365 - 97 HH**

Manufacturer **ABB Automation Technologies AB**
LV Motors
Örjansgränd 10
S-72170 Västerås

The manufacturer is authorized to carry out supervision and final inspections of the undernoted products on his own responsibility in accordance with the rules of Germanischer Lloyd and to issue Test Certificates as agreed with the Society.

Product Description **Induction motors
for marine applications / environments**

Type of Products **Motors of Type M2AA , M3AA and M3BP**

Designation of Products	Types:	M2AA	M3AA	M3BP
	Size:	112 up to 280 Aluminium motors	112 up to 280 Aluminium motors	160 up to 250 Cast iron motors
	Power:	4 kW	0.4 kW	1.2 kW
	S1	up to 63 kW	up to 99 kW	up to 99 kW

Type Approval Certificates:

89800-94 HH	99121-96 HH	97940-96 HH
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Approval Standard **Regulations for the Inspection of Mechanical and Electrotechnical Products, edition April 1997**

Documents **Drawings, descriptions, technical data sheets, catalogues and testreports.
Document "Routine Testing 3GZV 100 004-5" dated 95-week 31.
GL-Type-approval-certificates 89800-94, 99121-96 HH and 97940-96 HH**

Valid until **2009-05-22**

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Germanischer Lloyd

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