

TYPE APPROVAL CERTIFICATE

형식 승인증서

Certificate No. : HEL04300-EL011 **Date of Approval** : 13th May, 2003.
Product : Explosion-Proof Electric Motor
Manufacturer : ABB Oy, Motors
Strombergin Puistotie 5A, FI-65100 Vaasa, Finland

Product Description : Type : M3JP / M3KP
" See Appendix 1 "

Approval Condition : Individual Product Certification is required.

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 1, Art. 109 of the Rules for Classification, Steel Ships.

This Certificate is valid until 12th May, 2013.
Issued at Daejeon, Korea on 5th June, 2008.



(*Lee Woon-ho*)
General Manager of
Materials and Equipment Team

Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.
2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.

Appendix 1

Product Description and/or Approval Condition

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Product descriptions :

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	M3JP / M3KP
Frame Size	80 up to 132
Rated Voltage	AC 220 V up to 690 V
Rated Power	S1 0.18 kW up to 10 kW
Rated Frequency	50 Hz, 60 Hz
Duty Type	S1 ~ S9 acc. to IEC Standard
Number of Poles	2 up to 12 and multipole
Approved drawing	3GZF183008-30, 3GZF183009-30, 3GZF183010-30, 3GZF183013-30, 3GZF500708-53, 3GZF500708-52, 3GZF500713-16, 3GZF500713-15
Certificate no.	LCIE 04 ATEX 6150/51/52/6061
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- Stands for : M3JP(Exd IIB / IIC T1 to T6, cast iron stator housing)
M3KP(Exd e IIB / IIC T1 to T6, cast iron stator housing)
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