



TYPE APPROVAL CERTIFICATE

형식 승인증서

Certificate No. : HEL04300-EL003

Initial Approval : 4th April, 2002.

Product : Electric Motors

Manufacturer : ABB Oy, Motors

Strombergin Puistotie 5A, FI-65100 Vaasa, Finland

Product Description : Type : Open Drip Proof Motors M2FA250 up to M2FA400

- Sizes : IEC 250 up to 400
- Rated Voltage : 220 V up to 690 V
- Rated Power : 14 kW up to 800 kW
- Synchronous Speed : 750 rpm up to 3600 rpm
- Rated Frequency : 50 Hz, 60 Hz
- Ambient Temp. : 45 °C
- Duty type : S1, S2-30 min, S6-40 %
- Insulation Class : F
- Type of Enclosure : IP23S
- Number of Poles : 2, 4, 6, 8, 2/4, 4/6, 4/8

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 and Pt. 6, Ch. 1, Sec. 2 of the Rules for Classification, Steel Ships.

This Certificate is valid until 3rd April, 2015.

Issued at Daejeon, Korea on 12th May, 2010.



한국선급
KOREAN REGISTER OF SHIPPING

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 the renewal of the Certificate is not underway.

2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.