



COPY

NIPPON KAIJI KYOKAI

*Certificate
of Approval for
Batch and Mass Produced
Electrical Equipment*

Certificate No.

TA15326M

THIS IS TO CERTIFY that

MANUFACTURER : ABB Oy Motors and Generators, Finland

ARTICLE : THREE PHASE SQUIRREL CAGE INDUCTION MOTOR

TYPE : M3BP, M2AA, M3AA

has been accepted by the NIPPON KAIJI KYOKAI with the

Approval number of : 02B569E

for inclusion in the Society's Approval List of Batch and Mass Produced Electrical Equipment.

The approval is conditional upon the equipment being produced in accordance with the Chapter 4, Part 2 of "Rules for Approval of Manufactures and Service Suppliers" and the manufacture's standards in force at their works covering production methods, testing and inspection, quality and workmanship.

Issued at Tokyo on 3 June 2015.



Y. Shibata
Y. Shibata
General Manager
Machinery Department

NIPPON KAIJI KYOKAI

Attached sheet to Cert. No. TA15326M

PARTICULARS:

Type ; M3BP
 Protective enclosure ; Totally enclosed type: IP55, IP56
 Voltage ; 220V up to 690V
 Frequency ; 50 & 60 Hz
 Class of insulation ; F & H
 Nos. of poles ; 2 - 12P and Multipole
 Duty ; S1, S2, S3, S4, S5, S6, S7, S8, S9, according to IEC standard
 Rated power ; Max. 500kW (S1 duty)

Frame No. ; 160MLA, 160MLB, 160MLC, 160MLD, 160MLE,
 160MLF, 160MLG, 180MLA, 180MLB, 180MLC,
 200MLA, 200MLB, 200MLC, 200MLD, 225SMA,
 225SMB, 225SMC, 225SMD, 250SMA, 250SMB,
 250SMC, 280SMA, 280SMB, 280SMC, 315SMA,
 315SMB, 315SMC, 315MLA, 315LKA, 315LKB,
 315LKC, 355SMA, 355SMB, 355SMC, 355MLA,
 355MLB, 355LKA, 355LKB, 400LA/LKA, 400LB/LKB,
 400LC/LKC, 400LD/LKD

Type ; M2AA
 Protective enclosure ; Totally enclosed type: IP55, IP56
 Voltage ; 380V up to 690V
 Frequency ; 50 & 60 Hz
 Class of insulation ; F
 Nos. of poles ; 2 - 8P, 2/4P, 4/6P, 4/8P
 Duty ; S1, S2, S3, S4, S5, S6, S7, S8, S9, according to IEC standard
 Rated power ; Max. 102kW (S1 duty)

Frame No. ; 112M, 112MB, 132S, 132SC, 132M,
 132MA, 132MB, 132MC, 160MA, 160M,
 160L, 160LB, 180M, 180LB, 180L,
 200MLA, 200MLB, 200MLC, 200MLD, 225SMA,
 225SMB, 225SMC, 225SMD, 250SMA, 250SMB,
 250SMC

Type ; M3AA
 Protective enclosure ; Totally enclosed type: IP55, IP56
 Voltage ; 200V up to 690V
 Frequency ; 50 & 60 Hz
 Class of insulation ; F
 Nos. of poles ; 2 - 8P, 2/4P, 4/6P, 4/8P
 Duty ; S1, S2, S3, S4, S5, S6, S7, S8, S9, according to IEC standard
 Rated power ; Max. 99kW (S1 duty)

Frame No. ; 112M, 112MB, 132SA, 132SB, 132SC,
 132S, 132M, 132MA, 132MB, 132MC,
 160MA, 160M, 160L, 160LB, 180M,
 180LB, 180L, 200MLA, 200MLB, 200MLC,
 200MLD, 225SMA, 225SMB, 225SMC, 225SMD,
 250SMA, 250SMB, 250SMC, 280SMA, 280SMB

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