



NIPPON KAIJI KYOKAI

Certificate

Certificate No. : TA05072M

OF APPROVAL FOR BATCH AND MASS PRODUCED ELECTRICAL EQUIPMENT

THIS IS TO CERTIFY that

ARTICLE: Three Phase Squirrel Cage Induction Motor

TYPE: M3BP

Manufacturer: ABB Oy, Electrical Machines, LV Motors, Finland

has been accepted by NIPPON KAIJI KYOKAI with the

Approval number of: **02 B 569 E**

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 relevant requirements of Society's Rules and the manufacturer's standards in force at their works covering production methods, testing and inspection, quality control and workmanship.

Issued at Tokyo on the 1st day of February, 2005.

S. Ogawa
General Manager
Machinery Department

Note: Particulars are as per attached sheet.

Attached sheet to Cert. No.TA05072M (1/1)

Particulars of Motors

Type: M3BP
Degree of protection: IP55, IP56
Voltage: 220V up to 690V
Frequency: 50Hz, 60Hz
Class of insulation: F, H
Nos. of poles: 2, 4, 6, 8, 10, 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,

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