



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 43 307 - 02 HH

Company Yaskawa Electric Corporation
2-1, Kurosaki-shiroishi, Yahatanishi-ku
Kitakyushu 806-0004, JAPAN

Product Description Frequency Inverter

Type Varispeed E7, Varispeed F7

Environmental Category C

Technical Data /	Size:	20P4 to 2110	40P4 to 4300.
Range of Application	Rated input voltage:	200 - 240 V	380 - 480 V
	Rated input frequency	50/60 Hz	50/60 Hz
	Inverter capacity:	1,2 - 160 kVA	1,4-510 kVA
	Max. applicable motor output:	0,55 - 110 kW	0,55 - 300 kW

Varispeed F7: open loop vector control

Software version: VSF 104012

Varispeed E7: voltage frequency control

Software version: VSE 103022

Degree of Protection: IP 00 or IP 20

Pollution degree 2, overvoltage category II

EMC - measures: Converters shall be installed in accordance with manufacturers manual. Filter Type FS 597.... to be used.

Test Standard Regulations for the Performance of Type Tests Part 0, Part 1 (2001), Part 5 (1999)

Documents Test report : Mectronic Po20580 dated 12.9.2002 and P020633 dated 12.9.2002

Remarks Converters shall be mounted in steel enclosure to protect from pollution and to reduce radiated emissions. Condensation not permitted.

Valid until 2013-02-28

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File No. I.H.02

Hamburg, 2008-02-12

Type Approval Symbol



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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".