

Type Approval Certificate Extension

This is to certify that Certificate No. 04/60008(E2) for the under noted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Kohler Power Systems

N7650 City Rd LS

Sheboygan WI 53085 USA

PLACES OF PRODUCTION

Kohler Power Systems

N7650 City Rd LS

Sheboygan

WI 53085 USA Kohler Power Systems, Ltd. Kohler Road, Xin Bei District Changzhou, Jiangsu 213032

China

DESCRIPTION

Marine Alternators

TYPES

4P7B, 4S7, 4S9, 4S11

APPLICATION

Marine use.

SPECIFIED STANDARDS

Rules and Regulations for the Classification of Ships

Rules and Regulations for the Classification of Special Service Craft

Certificate No.

04/60008(E3)

Issue Date

25 July 2013

Expiry Date

27 March 2018

Sheet

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A.Munden



Lloyd's Register Canada Limited

5420 North Service Road, Suite 506, Burlington, Ontario, L7L 6C7, Canada

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RATINGS

Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
33EFOZD		4P7B	110/190	3	33
			110/220	3	33
	50		220/380	3	33
			230/400	3	33
			240/416	3	33
		4P7B	120/208	3	32
			120/240	3	32
40EOZD	60		120/240	1	32
400020	60		127/220	3	32
			139/240	3	32
			277/480	3	32
		4P7B	110/190	3	33
			110/220	3	33
33EFOZC	50		115/230	1	33
SSEPUZC	50		220/380	3	33
			230/400	3	33
			240/416	3	33
	60	4P7B	120/208	3	32
40EOZC			120/240	3	32
			120/240	1	32
			127/220	3	32
			139/240	3	32
			277/480	3	32

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
40EFOZD		4P7B	110/190	3	40
			110/220	3	40
	50		115/230	1	40
			220/380	3	40
			230/400	3	40
			240/416	3	40
		4P7B	120/208	3	55
			120/240	3	55
55EOZD	60		120/240	1	55
335020	00		127/220	3	55
			139/240	3	55
			277/480	3	55
		4P7B	110/190	3	40
			110/220	3	40
40EFOZC	50		115/230	1	40
4027020	50		220/380	3	40
			230/400	3	40
			240/416	3	40
	60	4P7B	120/208	3	55
55EOZC			120/240	3	55
			120/240	1	55
			127/220	3	55
			139/240	3	55
			277/480	3	55

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
50EFOZD	50	4P7B	110/190	3	50
			110/220	3	50
			115/230	1	45
			220/380	3	50
			230/400	3	50
			240/416	3	50
	60	457	120/208	3	65
			120/240	3	65
65EOZD			120/240	1	53
035020			127/220	3	65
			139/240	3	65
			277/480	3	65
	50	457	110/190	3	50
			110/220	3	50
50EFOZC			115/230	1	45
JUEFUZC			220/380	3	50
			230/400	3	50
			240/416	3	50
	60	O 4S7	120/208	3	65
65EOZC			120/240	3	65
			120/240	11	53
			127/220	3	65
			139/240	3	65
			277/480	3	65

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
70EFOZD		457	110/190	3	70
			110/220	3	70
	50		220/380	3	70
			230/400	3	70
			240/416	3	70
		459	120/208	3	80
	60		120/240	3	80
80EOZD			127/220	3	80
			139/240	3	80
			277/480	3	80
		459	110/190	3	70
			110/220	3	70
70EFOZC	50		220/380	3	70
			230/400	3	70
			240/416	3	70
	60	459	120/208	3	80
			120/240	3	80
80EOZC			127/220	3	80
			139/240	3	80
			277/480	3	80
	50	459	110/190	3	80
80EFOZD			110/220	3	80
			220/380	3	80
			230/400	3	80
			240/416	3	80

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Model	Hertz	Alternator	Voltage	Phase	Output Power (kW)
99EOZD	60	4511	120/208	3	99
			120/240	3	99
			127/220	3	99
			139/240	3	99
			277/480	3	99
80EFOZC		4511	110/190	3	80
			110/220	3	80
	50		220/380	3	80
			230/400	3	80
			240/416	3	80
99EOZC	60	60 4511	120/208	3	99
			120/240	3	99
			127/220	3	99
			139/240	3	99
			277/480	3	99

OTHER CONDITIONS

Installation of this equipment for marine applications is to be in accordance with the Rules and Regulations for the Classification of Ships.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 04/60008(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 04/60008(E2) to which this extension should be attached.

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