

Type Approval Certificate Extension

This is to certify that Certificate No. 08/10039(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Regal Beloit Australia Pty Ltd 19 Corporate Avenue, Rowville VIC-3178 Australia
PLACE OF PRODUCTION	For PPA & PPC and PPD Nanyang Explosion Protection Group Co., Ltd. 22, North Zhongjing Road, Nanyang City, Henan Province, 318058 China For SGA, HGA, SLA and HLA Zhejiang Jinlong Electrical Machinery Stock Co., Ltd. No. 999, West Jinqing Avenue, Jinqing Town, Luqiao District City, Zhejiang, 318058 China
DESCRIPTION	AC Three Phase Induction Motors
TYPE	PPA & PPC Series PPD Series SGA Series HGA Series SLA Series HLA Series
APPLICATION	Marine and offshore applications
DESIGN CODE STANDARD	IEC60034-1 ed12.0, IEC60092-301 ed3.0
Certificate No.	08/10039(E2)
Issue Date	18 July 2013
Expiry Date	17 July 2018
Sheet	1 of 2


S. Fujii
Yokohama Technical Support Office
Lloyd's Register Group Limited

Lloyd's Register Group Limited, registered office:
71 Fenchurch Street, London EC3M 4BS

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RATINGS

Type	Rated Output (kW)	Rated Voltage (V)	Rated Freq. (Hz)	No. of Poles	Insulation Class	Encl.	Frame Size	Ambient Temp. (°C)	Remarks
PPA & PPC	0.37 to 1000	380 to 1100	50,60	2,4,6,8	H	IP66	80 to 450	45	cast iron, continuous duty, temp.rise to B
PPD	0.55 to 90	100 to 1100	40,50,60	2,4,6,8	F	IP66	80 to 280	45	cast iron, continuous duty, temp.rise to B, Exd I/IIB T4
SGA	0.37 to 315	100 to 1000	50,60	2,4,6,8 2 speed	F	IP55	71 to 355	45	cast iron, continuous duty, temp.rise to B
HGA	0.75 to 160	100 to 1000	50,60	2,4,6,8	F	IP55	80 to 315	45	cast iron, continuous duty, temp.rise to B
SLA	0.09 to 18.5	380 to 420	50,60	2,4,6,8	F	IP55	56 to 160	45	aluminium, continuous duty, temp.rise to B
HLA	0.75 to 18.5	380 to 420	50,60	2,4,6,8	F	IP55	80 to 160	45	aluminium, continuous duty, temp.rise to B

"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 Group Limited of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 08/10039(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

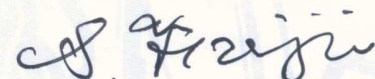
All other details remain as the previous Certificate No. 08/10039(E1) to which this extension should be attached.

Certificate No. 08/10039(E2)

Issue Date 18 July 2013

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Sheet 2 of 2



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