

TYPE APPROVAL CERTIFICATE

DNV·GL

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

Certificate No.	14 629 - 15 HH
Company	Svend Hoyer A/S Over Hadstenvej 42 8370 Hadsten, DENMARK
Product Description	Induction motors Cast iron motors
Type	HMC3 80 to HMC3 355
Environmental Category	H
Technical Data / Range of Application	Place of manufacturing: PR China, Ningde (acc. to Svend Hoyer statement dated 27.07.2015) Sizes: S, S1, S2, M, M1, M2, M3, MB, L, L1, L2, L3 Rated voltage: 220 V up to 690 V Rated power: S1 0,75 kW up to 378 kW Duty Type: S1 to S9 Synchronous speed: 750 1/min up to 3600 1/min Rated frequency: 50 Hz, 60 Hz Ambient temperature: 45° C, 50 °C with power reduction Thermal class: 130 (B), 155 (F), 180 (H) on request Degree of protection: IP 55, IP 56, IP 65, IP 66 No. Of poles: 2, 4, 6, 8 Spec. Model: For marine / offshore environments. On request optional with with built-in units e.g. brakes, external fans, encoders
Test Standard	IEC 60034-1:2010-02, IEC 92-301-3rd ed. 1980 GL Test Requirements for Electrical Machinery (VI-7-6), edition 1999
Documents	Data sheets 03/06-15 for HMC3 Motors Drawings: 90022_20140814, 90073_20140902, 90613_20150504 Test reports: SH590103-001,-002,-0003,-004,-0005,-006 of 2015.06.17-18-19 Catalogue: Hoyer IE3 motors 2015, IE3 marine data
Remarks	This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.

Valid until **2020-07-27**

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File No. **I.G.03**

Hamburg, 2015-07-28

Type Approval Symbol



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