

# 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. **46 490 - 12 HH**

Company **Svend Hoyer A/S**  
**Over Hadstenvej 42**  
**8370 Hadsten, DENMARK**

Product Description **Induction motors**  
**Cast iron motors**

Type **HMC2 80 up to HMC2 355**

Environmental Category **H**

Technical Data /  
Range of Application **Place of manufacturing:**  
**PR China, (acc. to Svend Hoyer statement dated 08.08.2007)**

**Sizes:** S, S1, S2, M, M1, M2, MB, L, L1, L2, L3, LB  
**Rated voltage:** 220 V up to 690 V  
**Rated power:** S1 0,87 kW up to 413 kW  
**Duty Type:** S1, S2-10min, S2-30min, S3, S6-20%, S6-40%, S6-60%  
**Synchronous speed:** 750 1/min up to 3600 1/min  
**Rated frequency:** 50 Hz, 60 Hz  
**Ambient temperature:** 45° C  
**Thermal class:** 155 (F)  
**Degree of protection:** IP 55, IP 56  
**No. Of poles:** 2, 4, 6, 8  
**Spec. Model:** For marine applications / environments

Test Standard **IEC 60034-1, 2010-02**  
**GL Regulations for the Performance of Type Tests, part 4, edition 1999**

Documents **Drawings 70019/2011-10-17+70044/2011-11-09+70045/2011-11-09**  
**Technical data sheets + Hoyer Motors Motor Manual dated October 2011**  
**Test reports: SH544474-002 / SH544474-003/ SH544474-005 of 2012-05-10**  
**Catalogue: Hoyer Motors, IE2, Marine Motors 2012**

Remarks **None**

Valid until **2017-06-26**

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Type Approval Symbol



  
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