

Type Approval Certificate



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. **44 846 - 07 HH**

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

Product Description **Induction motors**
Cast iron motors

Type **Y2E2 80 up to Y2E2 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, M3, MB, L, L1, L2, L3, LA
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 Y2E2-225-2/07.06.15+Y2E2-280MB4/07.06.15+72047/2012-04-25**
Technical data sheets + Hoyer Motors Motor Manual dated October 2011
Test reports: SH85513-001+SH85513-005/2007-06-15+SH4474-007/2012-05-10
Catalogue: Hoyer Motors, IE1, Marine Motors 2012

Remarks **None**

Valid until **2017-06-26**

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

Hamburg, **2012-06-27**

Type Approval Symbol



Germanischer Lloyd

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