



Germanischer Lloyd

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. 33 444 - 06 HH

Company Dutchi Motors B.V.
Van Oldenbarneveldstraat 85A
6828 ZN Arnhem, NETHERLANDS

Product Description Induction motors
Aluminium motors

Type DMA2 56 up to DMA2 160

Environmental Category H

Technical Data / Range of Application Place of manufacturing: Wuxi Huada Motors Co. Ltd.
251 Junmin Rd., Huazhuang Town
Wuxi, Jiangsu Prov. PR China 214131

Sizes: K, G, S, Sx, L, Lx, M, Mx, My
Rated voltage: 220 V up to 990 V
Rated power: S1 0,06 kW up to 22,2 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 + combinations
Rated frequency: 50 Hz, 60 Hz
Ambient temperature: 45° C
Insulation class: F
Degree of protection: IP 55, IP 56
No. of poles: 2, 4, 6, 8 and combinations
Spec. model: For marine applications / environments

Test Standard IEC 60034-1, 1999-08
GL Regulations for the Performance of Type Tests, part 4, edition 1999

Documents Drawing DMA2-100L-2-3kW 10210007022901 dated 06.10.27
Technical data: DMA2-100L2/11.10.06 + Betriebsanleitung DEU000110HvD
Test report: 2381801001 dated 2006.10.27
Catalogue: Dutchi version 2003/2004

Remarks None

Valid until 2012-03-15

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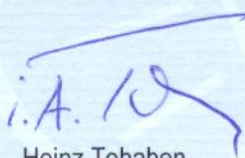
Type Approval Symbol



File No. I.G.03

Hamburg, 2007-03-16

Germanischer Lloyd


Heinz Tobaben


Heinz-Dieter Hespe

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