

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.	42 454 - 16 HH
Company	Focquet S.A. Rue des Haipes 1 5030 Gembloux, BELGIUM
Product Description	Induction motors Cast iron frame
Type	MOV 160 up to MOV 355
Environmental Category	H
Technical Data / Range of Application	Place of manufacturing: China, Jiangsu Prov., according to the statement of Focquet SA dated 17.02.2016 Sizes: S, M, Mx, L, LA, LB, LX, LY Rated voltage: 220 V up to 690 V Rated power: S1 15 kW up to 710 kW Duty Type: S1 Synchronous speed: 750 1/min up to 3600 1/min Rated frequency: 50 Hz, 60 Hz Ambient temperature: 45 °C (47 °C on request) Thermal class: 155 (F) Degree of protection: IP 23 No. of poles: 2, 4, 6 and 8 Spec. Model: For marine applications / environments
Test Standard	IEC 60034-1:2010-02, IEC 92-301-3rd ed.1980 + Amd 1:1994 + Amd 2:1995 GL Test Requirements for Electrical Machinery (VI-7-6), edition 1999
Documents	Drawing: IP23 MOV 160 ... 355-B3/B5V1/B35 dated 21.02.2016 Technical data: 2011-12-12.xls - IP23 motor datasheet Test report: 315M-4, Ser. No. 20701005001 dated 2013.03.07 Catalogue: Focquet MOV 160 ... up to MOV 355 dated 02.2016
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. Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Valid until **2021-03-03**
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File No. **I.G.03**
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Type Approval Symbol



i.A.

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