Certificate No: LR2301556TA
Issue Date: 03/01/2023
Expiry Date: 02/01/2028

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**SKF Magnetic Mechatronics SAS**
Address	2 rue des Champs, Saint-Marcel, 27950, France
Type	Monitoring and Control System
Description	Active Magnetic Bearing Controller (MBC 150/4-16, MBC 150/8-16) with THD 289 board and 2 LEM sensors
Trade Name	MBC 150/4-16, MBC 150/8-16
Application	For use in Marine environments in accordance with LR Test Specification No 1 for ENV category ENV2
Specified Standard	Unified Requirements (UR), E10 of the International Association of Classification Societies (IACS). Relevant Sections of IEC 60945
Ratings	400V-680Vdc 1200Wmax
Other Conditions	Marine certification (Type Approval) will be limited to our electronic components as: • MBC 150 / 4-16 and MBC 150 / 8-16 as well as all the electronic boards which are mounted in our MBCs • The THD 289 board, • The 2 LEMs (current sensor)

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Matt Higgins

Senior Electrical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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•The fuses that protect our MBC.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2301556TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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