Certificate No: LR2001917TA
Issue Date: 21/02/2020
Expiry Date: 17/06/2024

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	**ProfiSeal GmbH**
Address	Mühlerstraße 13, Schornsheim, 55288, Germany
Type	Bulkhead Seals
Description	Bulkhead seal with dry running gap-seal rings and split housings TYPE ProfiSeal bulkhead seals for shaft diameters 50 mm to 600 mm
Trade Name	ProfiSeal Bulkhead Seals
Application	Watertight bulkhead seal to seal rotating shafts going through bulkheads on Lloyd's Register classed ships, as well as for yachts and special service crafts.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, 2019
Ratings	Pressure: max. 3 bar Temperature: - 5°C to + 70°C Gliding speed: max. 40 m/s The leakage rate is depending on the shaft size

Downloaded Copy

Torsten Schroeder

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

71 Fenchurch Street, London, EC3M 4BS, UK

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR2001917TA
Issue Date: 21/02/2020
Expiry Date: 17/06/2024

Type Approval Certificate

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 No. HMD 12957-04, Issue No. 3 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

71 Fenchurch Street, London, EC3M 4BS, UK

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.