



Marine & Offshore

Certificate number: 20645/D0 BV

File number: ACM 137/1101/007

Product code: 0725H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

EAGLE INDUSTRY CO., LTD. MARINE DIVISION

Tokyo - JAPAN

for the type of product

STERN TUBE SEALING GLANDS

Stern tube seals EVC

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 06 Nov 2028

For Bureau Veritas Marine & Offshore,

At BV KOBE, on 06 Nov 2023,

Shinichi Takemoto

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=eyqvwfhf4x>

BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Stern tube seals EVC.

SIZE: Diameter of the propeller shaft, from 150 to 260 mm.

2. DOCUMENTS AND DRAWINGS:

Documents:

Instruction manual for stern tube sealing type EVC.

Commercial documentation KEMEL.

Drawings:

EVC STERN TUBE SEAL N° EVC-006 Rev. 02 Dated 24/04/2018.

EVC AFT SEAL N° NB-0007545 00002 Rev. 02 Dated 24/04/2018.

3. TEST REPORTS:

Nil.

4. APPLICATION / LIMITATION:

4.1 - Oil lubricated stern tube seal (FWD & AFT).

4.2 - Due consideration is to be paid to the Manufacturer's recommendations concerning the installation, inspection, operation and maintenance of the seal. The requirement of "Instruction Manual of stern tube sealing type EVC" are to be followed.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The **Stern tube seals EVC** are to be supplied by **EAGLE INDUSTRY CO., LTD. MARINE DIVISION** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **EAGLE INDUSTRY CO., LTD. MARINE DIVISION** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **EAGLE INDUSTRY CO., LTD. MARINE DIVISION** has declared to Bureau Veritas the following production site(s):

EAGLE INDUSTRY CO., LTD. MARINE DIVISION
8-1, Showacho,
737-0027 Kure
JAPAN

6. MARKING OF PRODUCT:

- Serial number

- Size.

7. OTHERS:

7.1 - It is **EAGLE INDUSTRY CO., LTD. MARINE DIVISION**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes the Type Approval Certificate 20645/C0 BV issued on 01 Oct 2018 by the Society.

***** END OF CERTIFICATE *****