DNV·GL

Certificate No:
TAS00000R5

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Watertight Door

with type designation(s)
Watertight aluminium door up tp 0.4 bar type BOH.0340

Issued to
BOHAMET S.A.
Biale Blota, Poland

is found to comply with
DNV GL rules for classification – Ships

Application :

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Issued at **Høvik** on **2017-04-07**
This Certificate is valid until **2022-04-06**.
DNV GL local station: **Gdansk CMC**

Approval Engineer: **Alessandro Russo**

for **DNV GL**

Arild Rogne
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Hinged aluinium watertight door type BOH.0340 Model II

Model	H	B	N. of cleats	Design pressure
	[mm]	[mm]	[n]	[kN/m^2]
II	1200<H<2200	600<B<800	8	40

Application/Limitation

The door has been Type Approved with respect to watertightness only.

The watertight doors are found to comply with DNV GL Rules for Ships, DNVGL-RU-SHIP-Pt3Ch12 January 2017 Sec.3 "4. Watertight doors and hatches" for a maximum design pressure at the lower edge of the door as specified above.

The design pressure at the location where the doors are to be fitted shall be equal or less than the pressure above.

Dimensions of the light opening of the doors can be smaller than shown on the drawings, provided that scantlings and distance between the cleats and the spacing of the stiffeners are maintained.

The Type Approval does not cover the supporting structure of the doors, which is subject to design approval.

Interface drawings showing door frame and bulkhead shall be submitted for case-by-case approval and particular consideration shall be given if located in highly stressed areas or in areas critical to fatigue from global hull loads.

Each door shall be hydrostatically tested, according to DNV GL Rules for Ships, DNVGL-RU-SHIP-Pt3Ch12 January 2017 Sec.1 "3.3 Testing" before installation on board, in the presence of a DNV GL surveyor.

The complete installation shall be function and leak tested according to DNVGL-RU-SHIP-Pt2Ch4 Sec.8 January 2017.

Operation, control and alarms of the doors shall be according to relevant vessel requirements.

Type Approval documentation

The following drawings are used as a basis for certification:

BOH.0340.ALU Rev.3

Tests carried out

Test reports dated 2017-03-21, witnessed by DNV GL Gdansk.

Marking of product

The product is to be marked with:

- Manufacturer's name or brand

- DNVGL Type Approval Certificate No. TAS00000R5

- Type designation & model number

- Max allowable design pressure as specified above.

Periodical assessment

DNV GL' surveyor has the permission to perform Certification Retention Survey at any time during the validity period of this certificate.

Periodical assessment shall be done bi-yearly with a time window of +/- 3 months.