

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Lifeboat/rescue boat propulsion engine

with type designation(s)

BUKH Marine Diesel D1 D2 D3 D4 D6

Issued to

BUKH A/S

Kruså, Denmark

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/1.36 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation III/4 & X/3 and LSA Code

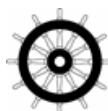
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-06-20**.

Issued at **Høvik** on **2016-06-21**

DNV GL local station:
Fredericia

Approval Engineer:
Tin Nguyen



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Job Id: **344.1-005400-1**
Certificate No: **MEDB00000ZD**

Product description

Four stroke diesel engine with reduction gear

The engines are manufactured by AB Volvo Penta, but SOLAS certified and equipped with accessories by Bukh A/S

Engine model	Rating (kW)	Engine Speed (rpm)	Gearbox
D1 - 30	20.9	3200	ZF, PRM, BAYSAN or TTM
D2 - 40	29.1	3200	ZF, PRM, BAYSAN or TTM
D2 - 55	40.5	3000	ZF, PRM, BAYSAN or TTM
D2 - 75	55.0	3000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D3 - 110	81.0	3000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D3 - 150	110.0	3000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D3 - 170	125.0	4000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D3 - 200	147.0	4000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D3 - 220	162.0	4000	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D4 - 180	132.0	2800	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D4 - 225	165.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D4 - 260	191.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D4 - 300	221.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D6 - 330	243.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D6 - 370	272.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM
D6 - 435	320.0	3500	Jet Adaptor, ZF, PRM, BAYSAN or TTM

Application/Limitation

The engine models are approved for use in life/rescue boat

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification

Mark of Conformity

END OF CERTIFICATE